

Bulletin Home

Austin Peay State University
601 College Street
Clarksville, TN 37044

Undergraduate Bulletin **2024-2025**

WWW.APSU.EDU

The 2024-2025 Undergraduate University Bulletin was prepared in the Spring of 2024. The material presented is for informational purposes only and should not be construed as the basis of a contract between a student and Austin Peay State University.

The provisions of this Bulletin will ordinarily be applied as stated; however, the University reserves the right to change any provision listed in this Bulletin, including, but not limited to, academic requirements for graduation, without actual notice to individual students.

The Class Schedule is available on the AP Onestop each semester and is considered an extension of the Bulletin; the online Schedule is updated as changes in availability of classes occur.

Every effort will be made to keep students informed of any new information and/or changes in provisions listed in this Bulletin. APSU email is the official communication method used by the University to communicate important information to all students. Students are deemed to have received notifications delivered to their respective APSU email address by the University. Failure to promptly check or open email messages delivered to student's APSU email address will not excuse a student from the responsibility to act in accordance therewith or extend/delay deadlines contained therein. Students are strongly encouraged to check their APSU email account on a daily basis for messages requiring their prompt attention. Students are strongly discouraged from forwarding APMail email to another email provider. The University hereby disclaims any and all responsibility for the security and confidentiality of information contained in messages forwarded from APSU email to another email provider.

While APSU email is the official communication method used by the University, instructors and students are strongly encouraged to use the Desire-2-Learn(D2L) email system for communications pertaining to courses and course materials. **For all online courses, D2L is the official method of email communication between instructors and students.** Failure to promptly check or open email messages delivered to student's D2L email address will not excuse a student from the responsibility to act in accordance therewith or extend/delay deadlines contained therein for any Web-based course. For on-campus and hybrid courses, students and instructors should use the D2L email system whenever possible.

Students must accept the responsibility for staying informed regarding the graduation requirements for the degrees they are pursuing. Therefore, scheduled appointments with an assigned academic adviser each semester are required before the student can enroll.

The University is a member of the following associations:

Academy of Criminal Justice Science	International Ombudsman Association
American Association of Colleges for Teacher Education	National Accrediting Agency for Clinical Lab Sciences
American Association of Colleges of Nursing	National Association for Campus Activities
American Association of State Colleges and Universities	National Association of Colleges and Universities
American Association of Collegiate Registrar's and Admissions Officers	National Association of College and University Business Officers
American Association of State Colleges and Universities	National Association of Collegiate Directors of Athletics
ABET, Inc., Computing Accreditation Commission of ABET (http://www.abet.org)	National Association of Diversity Officers in Higher Education
ABET, Inc., Engineering Accreditation Commission of ABET (http://www.abet.org)	National Association of Foreign Student Advisors
ABET, Inc., Engineering Technology Accreditation Commission of ABET (http://www.abet.org)	National Association of Schools of Music
American Angus Association	National Association of Student Financial Aid Administrators
American College Health Association	National Association of Student Personnel Administrators
American Counseling Association	National Association for Veteran Program Administration
American Historical Association	National Association of Veterans Upward Bound Project Personnel
American Music Therapy Association	National Collegiate Athletics Association
American School Counselor Associates	National Council of State Authorization Reciprocity Agreements
American Society for Clinical Pathology	National Dance Education Organization
American Speech-Language Hearing Association	National Fire Protection Association
American Veterinary Medical Association	National Guild for Community Arts Education

American Volleyball Coaches Association	National League for Nursing
Associated Press	National Parking Association
Association of Donor Relations Professionals	Society for Human Resource Management
Association of Fundraising Professionals	Southeastern Journalism Conference
Association of Governing Board of Universities and Colleges	Southern Association of Colleges and Employers
Association of Retirement Organization in Higher Education	Southern Association of Colleges and Schools
Association of Veterans Education	Southern Association of Collegiate Registrars and Admissions Officers
Association of Writers and Writing Programs	Tennessee Academy of Science
ASUN Conference	Tennessee Association of Chiefs of Police
Carnegie Project on the Education Doctorate	Tennessee Association of Colleges for Teacher Education
College Board	Tennessee Association of Collegiate Registrars and Admissions Officers
Commission on Collegiate Nursing Education	Tennessee Association of International Educators
Committee on Accreditation of Healthcare Management Education	Tennessee Association of Student Financial Aid Administrators
Council for Accreditation of Counseling to Related Education Programs	Telluride Association Summer Programs
Council for Advancement and Support of Education	Tennessee College Association
Council for the Accreditation of Education Preparation	Tennessee College Public Relations Association
Council of Colleges of Arts Sciences	Tennessee School Board Association
Council of Counseling Psychology Training Programs	The Associated Press
Council on Aviation Accreditation	The Common Application Incorporated
Council and Military Educators (CCME)	The Economist Newspaper NA Incorporated
Council on Social Work Education	The National Research Center for College and University Admissions
Council on Undergraduate Research	The National Society of Leadership

Golf Coaches Association of America	Women's Golf Coaches Association
Intercollegiate Tennis Coaches Association	
International Association of Campus Law Enforcement	
International Association of Chiefs of Police	

Austin Peay State University is an AA/EEO employer and does not discriminate on the basis of race, color, national origin, sex, disability or age in its program and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Institutional Culture, P. O. Box 4457, Browning Building, Room 140, Clarksville, TN 37044; Phone: (931) 221-7178.

APSU adheres to the requirements of Title VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, as amended, Sections 799A and 946 of the Public Health Service Act, the Age Discrimination Act of 1975, the Rehabilitation Act of 1973, Americans with Disabilities Act of 1990, Executive Orders 11246 and 11375, and the related regulations to each.

APSU reaffirms that it does not discriminate in employment based on race, color, religion, sex, age, disability or national origin and that it has taken affirmative action on behalf of minorities and women, as prescribed by the Equal Pay Act of 1963, as amended, Title VII of the Civil Rights Act of 1964, as amended, Executive Order 11246 and 11375, as amended, Age Discrimination in Employment Act of 1967, as amended, the Rehabilitation Act of 1973, as amended, the Americans with Disabilities Act of 1990, the Vietnam Era Veterans' Readjustment Assistance Act of 1974 and the Pregnancy Discrimination Act of 1978. Also see University Affirmative Action Philosophy in STUDENT HANDBOOK AND PLANNER. Inquiries regarding these acts may be directed to the Director of Equal Opportunity and Compliance located in the Browning Building, Room 140, telephone (931) 221-7178.

Accreditation

Austin Peay State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, master's, education specialist, and doctorate degrees. Degree-granting institutions also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Austin Peay State University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

Telephone and Web Directory

Academic Alert	221-6555
Academic Affairs	221-7676
Admissions	221-7661
Admissions Toll Free	800-844-APSU (2778)
Adult and Nontraditional Student Center	221-6854
African American Cultural Center	221-7120
Alumni	221-7979
APSU Toll Free	800-508-0056
Athletics	221-7904
Austin Peay Center at Fort Campbell	221-1400
Baptist Collegiate Ministry	647-6940
Bookstore	221-7655
Campus Police	221-7786
Career Services	221-6544
Community Engagement and Sustainability	221-6590
Child Learning Center	221-6234
Counseling Services	221-6162
Distance Education	221-6625
Education Opportunity Center	221-7481
Institutional Culture	221-7267
Finance and Administration	221-7883
Student Financial Aid and Scholarships	221-7907
Foy Fitness & Recreation Center	221-7564
Graduate Studies (College of)	221-7414
Grants, Research and Sponsored Programs	221-7881
Health Services	221-7107
Help Desk (Information Technology)	221-4357

Latino Community Resource Center	221-6645
Honors Program	221-7403
Information Desk @UC Lobby	221-6600
Library	221-7346
Newton Military Family Resource Center	221-1685
President's Emerging Leaders Program	221-7403
Public Relations & Marketing	221-7459
Registrar's Office and Transcripts	221-7150
Student Account Services & Cashier's Office	221-6285
Student Affairs	221-7341
Student Disability Resource Center	221-6230
Student Government Association	221-7262
Student Life and Engagement	221-7431
Student Publications	221-7376
Student Support Services	221-6142
Testing Center	221-6269
TRIO Student Support Services	221-6142
Veterans Educational Benefits	221-7760
Veterans Upward Bound	221-7600
VetSuccess on Campus	221-6194
Wesley Foundation	647-6412

Area code is (931) unless otherwise designated:

*All correspondence can be addressed to: Austin Peay State University, Clarksville, TN 37044.

University Home Page: www.apsu.edu

About Austin Peay State University

APSU Today

Austin Peay State University is a university in Tennessee that offers high quality undergraduate and graduate programs to a student body of varied ethnicities, ages, and interests. All public higher education in the state is coordinated by the Tennessee Higher Education Commission (THEC) with Universities being governed by their own Board of Trustees. Austin Peay is an urban campus located in Clarksville, Tennessee, the state's fifth largest city, just 50 miles from Nashville, the state capitol. Austin Peay State University also has multiple off-campus instructional sites, including the Fort Campbell military installation site. While the majority of students live in the northwest and middle areas of Tennessee and in southern Kentucky, a number of students attend from throughout the state and the nation. APSU's vision is to be the region's university of choice for those seeking to improve their lives. APSU will achieve this vision through student centered teaching, unique developmental opportunities and our focus on innovative research and public service

As one of the state's most diverse public universities, APSU has much to offer through quality programs, convenient locations and excellent technology-supported facilities. To meet the needs of today's students, APSU offers day, evening and weekend classes on its Clarksville campus, as well as the Fort Campbell location. APSU offers a wide variety of online courses with both synchronous and asynchronous learning options, therefore, both traditional and non-traditional students will find that APSU offers programs that match their interests and class scheduling that suits their lifestyle.

APSU supports the goal of a quality learning environment that encourages men and women to equip themselves to use their abilities productively and wisely. Leading the efforts of a committed faculty and staff in fulfilling this mission is President Michael Licari, the eleventh president since Austin Peay opened its doors in 1927 as a normal school for preparing teachers. The school is named in honor of Gov. Austin Peay of Clarksville, who was serving his third term of office when the school was established.

Off-Campus Instructional Site Information

The below information explains programs and locations where students are eligible to earn at least 50% of a degree. While many of these instructional sites are Dual Enrollment sites where high school students participate in completing general education requirements, other sites are available to all students.

By allowing our students to complete coursework at these locations, it opens yet another avenue for APSU to reach out to the community and students in a format which may allow students easier access to needed courses.

- The Austin Peay Center at Fort Campbell
- Bibb-White Bluff Civic Center
- Cheatham Central High School
- Clarksville Academy
- Clarksville High School
- Clarksville Regional Airport
- Creek Wood High School
- East Hickman County High School
- East Robertson High School
- Greenbrier High School
- Harpeth High School

- Haywood High School
- Hickman County High School
- Innovation Academy
- Jo Byrns High School
- Montgomery Central High School
- Northeast High School
- Northwest High School
- Rossview High School
- Springfield High School
- Stewart County High School
- Sycamore High School
- West Creek High School
- White House Heritage High School
- Workforce Essentials Cheatham County

In addition to the locations above, some courses are also taught at locations where students earn less than 50% of a credential.

- APSU Farm and Environmental Education Center
- Dickson County High School
- Kenwood High School
- Kirkwood High School
- Northwest High School
- South Haven Christian
- Station Camp High School
- Station Camp Middle School

Institutional Mission, Vision, and Values

Mission

Austin Peay State University is a mission-driven, community-minded institution that provides transformational experiences through innovative, creative, and scholarly activities. We welcome and inspire an inclusive community of learners to make a positive impact regionally and globally.

Vision

We will be the region's university of choice for those seeking to improve their lives. We will achieve this vision through student-centered teaching, unique developmental opportunities, and our focus on innovative research and public service.

Values

We are a collaborative community that values personal growth and life-long engagement through the promotion of integrity and academic excellence.

- **Academic Excellence** by providing meaningful and practical learning opportunities with highly qualified and dedicated faculty and staff.
- **Integrity** by maintaining an honest, fair, and credible environment.
- **Community** by fostering learning in an environment where all are welcomed and valued.
- **Personal Growth** by providing the knowledge, tools, and resources for all Governors to reach their full potential.

- **Life-Long Engagement** by providing services, programs, and experiences that promote loyalty, pride, and mutual support.
- **Collaboration** by enriching our local, regional, and global communities through value-added programs, strategic partnerships, and meaningful service.

The Felix G. Woodward Library

Website: library.apsu.edu/

The Felix G. Woodward Library offers a print collection of more than 340,000 volumes, 669,000 microforms, and an electronic collection that includes 300 online databases, more than 67,000 full-text periodicals, 460,000 e-books, 7,500 audiovisual items, and ASPIRE, the university's online institutional repository. The Library also provides special collections such as the Veterans' Oral History Project, Clarksville Photographs, Dorothy Dix Collection, back issues of The All State student newspaper, and APSU Yearbooks. Online resources may be accessed from campus computer labs, mobile devices, off-campus locations, 108 computer workstations located in the library's information commons, and 25 laptops for use within the library. Interlibrary loan is free to APSU students, faculty, and staff. Librarians provide instruction in using the library and its resources and offer research assistance and consultations in-person and via video chat, online chat, email, phone, and text messaging.

The University's Chairs of Excellence

Website: apsu.edu/about-apsu/chairs-excellence.php

This includes the Roy Acuff Chair in the Creative Arts, APSU Foundation Chair in Free Enterprise, Harper-Bourne Chair in Business, and Lenora C. Reuther Chair in Nursing.

The Center of Excellence for Field Biology

College of Science, Technology, Engineering and Mathematics

Phone: (931) 221-7019

Website: www.apsu.edu/field-biology/

To identify, study and preserve biodiversity.

The Center of Excellence for Field Biology at Austin Peay State University brings together scholars from various biological disciplines to conduct research on biotic communities in Tennessee-Kentucky and adjacent eco-regions including experimental ecology, general ecological theory, definition of biodiversity, evolution and systematics, applied biological science, and community outreach through focused and regional environmental education programs; field-based observations and methodologies are an integral component of these research endeavors.

The Center provides research assistantships to undergraduate and graduate students that provides them with hands-on experience in various areas of field biology under the mentorship of practicing scholars. For more information visit our website at www.apsu.edu/field-biology/

The Honors Program

Website: apsu.edu/honors/index.php

This program is under the supervision of the University College, provides individualized studies designed to challenge students and provides opportunities for creative exploration and intellectual development.

Art Galleries

All Art Galleries on campus are open to the public with no admission charge. For more information on any of the Art Galleries, contact the Art Department at (931) 221-7333.

The Trahern Gallery is located in the Margaret Fort Trahern Art and Drama complex. Each year (August-May) the gallery hosts regional, national, and international exhibits, as well as the Annual Student Art Exhibition. Gallery hours: 9:00 am-4:00 pm, Monday through Friday; 10:00 am-2:00 pm, Saturday; and 1:00-4:00 pm, Sunday (closed on holidays).

Gallery 108 is located on the ground floor of the Trahern Building. Each semester this gallery hosts the senior exhibits, featuring works by graduating art majors. Hours vary with each exhibit.

The Mabel Larson Fine Arts Gallery is located on the first floor of Harned Hall. Opened officially in 1994, this gallery features selections from APSU permanent art collection. Gallery hours: 8:00 am-4:00pm, Monday through Friday.

Center of Excellence for the Creative Arts

College of Arts and Letters

Location: Clement

Building, Room 114

Phone: (931) 221-7869

Website: <http://www.apsu.edu/ceca/index.php>

The Center for the Creative Arts offers students unique experiences in music, theatre, dance, creative writing, and visual arts—experiences that challenge the imagination and spur artistic creativity; experiences that last a lifetime.

Established in 1985 as a Center of Excellence, the Center for the Creative Arts is the only program of its kind in the state, offering students rare opportunities to work with nationally acclaimed faculty and guest artists in the preparation and study of the arts in a one-on-one environment.

The Center's primary goal is to sponsor quality arts programs emphasizing collaboration between recognized artists and university students, resulting in the highest possible standards of artistic achievement. The Center annually produces more than 100 quality arts activities by faculty, regional, national, and internationally acclaimed guest artists.

The Center for the Creative Arts is symbolic of the University's commitment to the enrichment of life, which can be realized only through an understanding and appreciation of the arts.

The Center of Excellence for the Creative Arts coordinates with the departments of Art, Languages and Literature, Music, and Theatre/Dance to sponsor a wide variety of activities and study programs to promote APSU's mission. The Center supports new works and other works of artistic value in the form of musical productions, recitals, concerts, theatre performances, literary readings, and visual arts exhibitions. Curricular activities sponsored by the Center include classes, lectures, workshops, seminars, master classes, public school outreach, and symposia focusing on the various arts disciplines and interdisciplinary nature of the arts for undergraduates, graduate students, and members of the community. The Center sponsors the Roy Acuff Chair of

Excellence which brings regionally, nationally, and internationally recognized authors, musicians, artists, actors, and teachers to campus to work with students and the community in a dynamic atmosphere of unrestricted experimentation. The Center funds undergraduate scholarships and graduate assistantships for students in the creative arts.

The Division of Student Affairs

Student Affairs provides opportunities for students to explore the curiosity of their future, develop connectedness to community and accomplish their dreams. The division serves as an advocate for students and provides co-curricular engagement, community building, and supports a healthy well-being as students achieve success.

The vice president is responsible for the Division of Student Affairs, including the Adult, Nontraditional & Transfer Student Center, Wilbur N. Daniel African American Cultural Center, Career Services, Community Care & Standards, Community Engagement & Sustainability, Fraternity & Sorority Affairs, Latino Community Resource Center, Housing/Residence Life & Dining Services, Little Goves Child Learning Center, Student Disability Resource Center, Student Life & Engagement, Strategic Planning, Assessment & Communications, Student Counseling & Health Services, Student Publications and University Recreation. Students are always welcome in Student Affairs, and are encouraged to visit or call for assistance.

The Division of Military & Veterans Affairs

At Austin Peay State University, we are proud to honor and support our nation's heroes. Our Military and Veterans Affairs Division is dedicated to providing a welcoming and inclusive environment for veterans, active-duty military members, and their families. We understand the unique challenges and experiences that come with military service, and we are committed to helping you achieve your academic and career goals.

Areas under Military & Veterans Affairs Division: Veterans Education Benefits, Newton Military Family Resource Center, VetSuccess on Campus, Veterans Upward Bound and Austin Peay Center at Fort Campbell.

Admission to Austin Peay

Undergraduate Admission

Office of Admissions
Ellington Building Lobby

Prospective students are encouraged to submit an application as early as possible. After the deadline, only those students who are eligible for full admission will be considered. Those who submit applications and are admitted after the stated deadlines may be required to delay enrollment until the beginning of the next term or semester. Students must be admitted to be considered for scholarship opportunities. Admission to APSU is a selective process; applicant assessments and other credentials must indicate a reasonable chance for success in completing academic work at APSU. Applicants for admission to APSU, either for the Clarksville campus, the Fort Campbell campus, or any off-site location are encouraged to submit an application online; paper applications may be submitted by mail to Austin Peay State University, Office of Admissions, P.O. Box 4548, Clarksville, TN 37044.

Austin Peay State University and the Board of Trustees admission policies, procedures, and credentials are subject to change at any time without notification. The following represents the most up-to-date policies, procedures, and credentials at the time this Bulletin was produced.

Deadlines for Filing Applications

Application deadlines can be found, by semester or term, on the APSU Academic Calendar, located at <https://www.apsu.edu/academic-calendar/>.

Freshman Applicants

A first-time freshman applicant is a student who enters APSU with fewer than 12 transferable credit hours after graduating high school and must meet freshman admission requirements. Students who were dual enrolled in college courses while still in high school are considered a new freshman, regardless of the number of hours taken. Applicants must submit an application for admission, the \$25 application fee and high school transcript or GED/HiSET scores.

High School Graduation

Public School—graduates of public schools must submit an official high school transcript showing dates/terms of attendance, credits earned while enrolled, and date of graduation. Transcripts for graduates of Tennessee public high schools must note that the applicant passed the required proficiency examinations. The Special Education diploma or High School Certificate is not accepted.

Non-Public School—graduates of all non-public high schools must submit an official transcript showing dates/terms of attendance, credits earned, and date of graduation. Transcripts of home-school applicants must provide an official copy from an affiliated organization as defined by state law (TCA 49-50-801) or it may be accompanied by certification of registration from

the local education agency which the student would otherwise attend. Purchased transcripts from organizations not requiring high school attendance for completion of grades 9-12 are considered unsatisfactory documentation of high school graduation. Applicants who are unable to provide a satisfactory high school credential may substitute acceptable scores on the GED or HiSET examination.

Completion of Required High School Courses

All students graduating from high school since 1989 must show proof of satisfactory completion of all college prep courses including U.S. History.

Means for Removing High School Unit Deficiencies

The following guidelines apply to students entering APSU with high school deficiencies:

- high school unit deficiencies will continue to be met with core courses used to satisfy the general education core;
- foreign language deficiencies will only be addressed when the student's major/degree require unit(s) of foreign language; American Sign Language coursework is accepted by APSU to satisfy the foreign language requirement for admission to undergraduate degree programs;
- students will still be required to satisfy the U. S. History requirement outlined by TCA 49-7-110.

Assessment Requirements

APSU is test optional and scores are not required to be admitted to the university. However, scores earned within 5 years of the first day of class are encouraged to assist students to enroll in the appropriate core courses.

College-Level Placement will be determined by one of the following:

- Cumulative unweighted high school GPA of 3.6 or higher; or
- Math – ACT Math score of 19 or higher; or SAT Math score of 500 or higher or Placement level score of 4 or;
- Reading – ACT Reading score 19 or higher; or SAT Evidence-based reading and writing score of 500 or higher or Placement level score of 4 or;
- Writing – ACT English score of 18 or higher or SAT Evidence-based reading and writing score of 490 or higher or Placement level score of 4.
- Transferable college credit in an English course, Math course, and Reading Intensive Course.
- Assessments must be taken within the last five years to be valid.

Admission Standards

Austin Peay State University invites applications from all prospective students. All complete applications are reviewed carefully to determine the likelihood of the applicant's completion of academic requirements leading to graduation in a timely manner. Admission decisions are based on criteria set by the University.

Full Admission

1. Satisfactory completion of all college prep courses including U.S. History; and
2. One of the following:
 - High school GPA of 2.85 or higher; or
 - ACT cumulative score of 20 or higher; or
 - SAT 1030 (evidenced based reading and writing) or higher; or
 - GED score of 580 or higher after January 2013, 45 prior to 2002, or 450 between January 2002 -December 2013 with a passing notation; or
 - HiSet score of 45 or higher with a passing notation

Opportunity Admission

1. Satisfactory completion of all college prep courses including U.S. History outlines by TCA 49-7-110; and
2. One of the following:
 - High school GPA of 2.75 – 2.84; or
 - ACT cumulative score of 19; or
 - SAT 990 (evidenced reading and writing) or higher; or

Students admitted under the Opportunity Admission Criteria

During the first semester of enrollment they are required to complete academic strengthening requirements that include:

1. Enroll in UNIV 1000
2. Monitored absenteeism for class
3. Participate in peer tutoring

Exception Admission

Applicants who have not satisfactorily completed all college prep courses including U.S. History may achieve admission by exception by satisfying these requirements:

1. No more than two high school unit deficiencies (to be removed during first 30 hours of enrollment), and;
2. **One of the following:**
 - ACT composite score of 21 or higher and high school diploma; or
 - SAT cumulative score or 1060 or higher and high school diploma; or
 - High school GPA of 3.0 (4.0 scale) and high school diploma

Alternative Standards

Any applicant who does not meet requirements for any category of admission can be considered for admissions by submitting an Appeal for Further Review to be reviewed by the University's Committee on Admissions Standards.

Admission for Subsequent Semester

Prospective students who did not register and wish to be considered for admission for a subsequent semester or term must request their application for admission be moved to the desired semester or term.

Transfer Applicants

A transfer applicant is a student who has earned 12 or more transferable credits from a college or university. Transfer students who have earned fewer than 12 transferable credits must meet freshman admission standards. A student who was dual enrolled in college courses while still in high school and has not attended college AFTER high school graduation is considered as a new freshman, regardless of the number of hours earned with dual enrollment. In order to be considered for admission, the transfer

applicant must be in good standing (not suspended) from the last institution attended. Applicants must submit official transcripts from all institutions attended whether or not credit was earned, an application for admission and the \$25 application fee. Not doing so may result in dismissal from the University.

1. Official transcript(s) from all previously attended colleges and universities mailed or sent electronically directly from the institution(s) to the APSU Office of Admissions. Failure to identify all institutions attended (whether or not credit was received) is cause for dismissal from the University.; and
2. Grade point average must meet the following requirements:

Regular Admission

GPA Hours Earned	Cumulative GPA
Less Than 12 Hours	See Freshman Admission
12-29	1.50-1.79
30-45	1.80-1.89
46-59	1.90-1.99
60 or more hours	2.0 or higher

Probation Admission

GPA Hours Earned	Cumulative GPA
12-29	1.40-1.49
30-45	1.70-1.79
46-59	1.80-1.89
60 or higher	1.90-1.99

When all official transcripts have been received by the Office of Admissions and the applicant is notified that the application and evaluation process is complete, the transfer student may proceed with enrollment after completing the on-line Transfer Orientation. Applicants who are accepted but whose transfer documentation is incomplete may register at an appropriate on-campus registration session. Transfer students whose documentation is complete and prefer to come to campus to enroll may do so by attending the appropriate on-campus registration session. Please contact the Transfer Coordinator for further information at transfercenter@apsu.edu.

You will find policies regarding transferability of earned credits in the University Academic Regulations section of this Bulletin

Programs for High School Students

Early Admission

Early admission criteria applies to any prospective students who have not yet graduated from high school but who wish to enter APSU full-time after their junior year. Such students may achieve admission by meeting the following requirements.

1. Admission application; and
2. High School Authorization form; and
3. High school cumulative GPA of 3.2 or higher (on a 4.0 scale); and
4. One of the following:
 - a. ACT composite score of 22 or higher, or
 - b. SAT cumulative score of 1020 or higher (test taken prior to March 2016); or
 - c. SAT cumulative score of 1100 or higher (test taken March 2016 and after); and
5. Recommendation of high school principal or guidance counselor and consent of parent(s) or guardian(s); and
6. Written statement from high school principal specifying college courses that will be substituted for remaining high school courses needed for high school graduation.

Concurrent Admission

Concurrent admission criteria applies to any prospective students who have not yet graduated from high school but who wish to enter APSU while in high school. Such students may achieve admission by meeting the following requirements.

1. Dual Enrollment (both high school and college credit awarded for courses taken)
 - a. Admission application; and
 - b. Parent Authorization forms; and must submit a transcript showing completion sophomore year with a cumulative high school GPA of 3.0 or higher (on a 4.0 scale); or
 - c. ACT composite score of 21 or higher or SAT total score of 1060 or higher (Evidence Based Reading and Writing and Math); and
 - d. Recommendation and approval of courses by the high school principal or guidance counselor
2. Joint Enrollment (University credit only; credits earned do not apply to high school diploma)
 - a. Admission application; and
 - b. Parent Authorization forms; and
 - c. Must submit a transcript showing completion of sophomore year with a cumulative high school GPA of 3.0 or higher (on a 4.0 scale); or
 - d. ACT composite score of 21 higher; or SAT total score of 1060 or higher (Evidence Based Reading and Writing and Math); and
 - e. Recommendation and approval of courses by the high school principal or guidance counselor
3. Academically talented/gifted high school students (both high school and college credit awarded for courses taken)
 - a. Admissions application; and
 - b. High School Authorization form; and

- c. Must have a cumulative high school GPA of 3.2 or higher (on a 4.0 scale); and
- d. Must be enrolled in grade 9, 10, 11, or 12 in public or private high schools in Tennessee; and
- e. Recommendation and approval of courses by the high school principal or guidance counselor; and
- f. Recommendation and approval of the Executive Director of Admissions.

If you are denied admission, you can appeal this decision by submitting the Dual Enrollment Admissions Decision Appeal Form to the Office of Admissions. Additional information that can be submitted, at the applicant's option includes, but is not limited to, the following:

- An additional letter of recommendation from the high school principal or guidance counselor
- Any other additional information at the applicant's discretion

Please assure that your name is on all submitted documents. After we receive the appeal form, your file will be sent to the Committee on Admission Standards for review. The committee will review your file and make a recommendation for admission. You will be notified of the committee's decision in writing.

Continuous Enrollment: Dual or joint enrollment students who want to continue enrollment for the next sequential semester prior to high school graduation and maintain a 2.75 APSU GPA do not need to reapply each semester. However, should the student's APSU GPA fall below the 2.75, the student will submit the High School Authorization Signature Page requiring the school counselor or principal's signature and submit the official most recent high school transcript to ensure the student continues to meet initial admission requirements for dual or joint enrollment

APSU Middle College applicants must be accepted and recommended by the Clarksville-Montgomery County School System. Applicants must meet minimum requirements as established in the APSU/CMCSS Middle College Memorandum of Understanding. For more information, please visit www.cmcss.net/.

Applicants for the Governor's School for Computational Physics must meet concurrent admissions standards:

1. Submit Admission application; and
2. Separate Application for the Tennessee Governor's School; and
3. Must have completed sophomore year with a cumulative high school GPA of 3.2 or higher (on a 4.0 scale), and
4. Recommendation of acceptance by the APSU Governor's School Selection Committee.

Military Applicants

Military (both active-duty and veterans) are required to submit documents for military credit prior to enrollment. The following documents should be sent to the Office of Admissions directly from the issuing agency excluding th Form DD 214 Member four (4) copy:

Branches	Documents Needed
Army	JST transcript
Air Force	Community College of the Air Force transcript

Army National Guard	JST transcript or NGB Form 22
Navy	JST transcript
US Marine Corp	JST transcript
US Military Reserves	Enlistment contract 4-1 or 4-2 or DD Form 2586 or JST transcript
Veterans	DD Form 214 Member Copy 4 or
(Retired or Discharged)	other forms with characterization of service

International Applicants

The Office of Admissions handles application procedures for undergraduate international applicants. You may also visit the Office of International Student Services for more information. For information call (931) 221- 7661, email: admissions@apsu.edu or visit the website by clicking [here](#). For information on international student enrollment in graduate programs contact the College of Graduate Studies at (931) 221-7662 or email: gradadmissions@apsu.edu.

Degree-Seeking (Visa Type F-1)

1. Submit an application for admission.
Complete the international undergraduate application and pay the nonrefundable \$25 application fee. *Priority application deadline is June 1 for fall semester and October 1 for spring semester.*
2. Submit proof of financial support.
3. Request official transcripts.
4. Request official ACT or SAT scores.
ACT Code: 03944 www.act.org
SAT Code: 1028 www.collegeboard.org
A placement assessment may be taken in place of the ACT or SAT.
5. Submit proof of English Language Proficiency.
6. Submit proof of immunization and medical insurance.
7. Submit copy of passport biographical page.

Exchange Students (Visa Type J-1)

1. Submit an application for admission.
Complete the international undergraduate application and pay the nonrefundable \$25 application fee. *Priority application deadline is June 1 for fall semester and October 1 for spring semester.*
2. Submit proof of financial support.

3. Request official transcripts or letter of good standing.
4. Submit proof of English Language Proficiency.
5. Submit proof of immunization and medical insurance.
6. Submit copy of passport biographical page.

Other Students (Excluding Visa Type F-1 and J-1)

1. Submit an application for admission.
Complete the international undergraduate application and pay the nonrefundable \$25 application fee. *Priority application deadline is June 1 for fall semester and October 1 for spring semester.*
2. Request official transcripts.
3. Submit proof of English Language Proficiency.
4. Submit proof of immunization and medical insurance.
5. Submit copy of passport biographical page.

Permanent Resident Alien. Permanent Resident Aliens must submit front and back copies of their Permanent Resident Alien Card.

Asylum/Refugees. Must submit appropriate copies of documents indicating their status.

General International Applicant Information. All non-immigrants must provide proof of status, including copies of their visa. All international applicants will receive information concerning any special requirements for admission from the Office of Admissions. Student Health Services will provide the Office of Admissions with information concerning policy requirements, associated approximate costs which could be incurred, what would be considered acceptable certification of freedom from tuberculosis, proof of adequate medical and hospitalization insurance, proof of two immunizations with the Measles, Mumps, and Rubella (MMR) vaccine, and proof of two immunizations with the Varicella (chickenpox) vaccine.

Authority on Immunization Requirements Rules. The APSU Board of Trustees, in consultation with the Tennessee Department of Health, has the authority to implement rules regarding requirements for immunization against meningococcal disease and completion of a Hepatitis B waiver form with regard to all APSU students. All such rules must be implemented in accordance with the Uniform Administrative Procedures Act.

Misrepresentation of Academic Credentials

It is a **Class A misdemeanor** to misrepresent academic credentials. Applicants and students who commit this offense know that the statement is false and are making the statement with the intent to secure admission or employment in an institution of higher education in Tennessee. This offense includes statements made orally or in writing that the person has

1. Successfully completed required coursework for and has been awarded one or more degrees or diplomas from an accredited institution of higher education; or
2. Successfully complete the required coursework for and has been awarded one or more degrees or diplomas from a particular institution of higher education; or
3. Successfully completed the required coursework for and has been awarded one or more degrees or diplomas in a particular field or specialty from an accredited institution of higher education.

Students who are admitted and later found to have withheld transcripts from institutions in which they have been enrolled may be subject to dismissal from the university.

Secondary school transcripts determined to be from a source that does not require normal high school attendance and awards the transcript based on a fee charged are excluded from consideration for admission. Freshman applicants who have not completed high school must provide GED or HiSET scores.

Non-Degree Seeking Applicants

Applicants who are eligible for non-degree admission include:

Transient Applicants

A student who is currently enrolled and in good standing at another regionally accredited college or university may apply to attend APSU as a transient applicant and may be admitted to the University for one semester/term. This intent must be included in the application for admission. The applicant's home college must submit a letter of good standing to the Office of Admissions or an official transcript reflecting student's good standing. An official transcript may be required if needed to document the completion of any prerequisites required for enrollment in course(s). Transient students remaining at Austin Peay will need to re-apply for admission and resubmit a letter of good standing or an official transcript for a subsequent semester/term.

Persons with a College Degree or Certificate

Persons who have a degree or certificate equivalent to the highest degree or certificate offered by a regionally accredited college or university in a particular field, but wish to take additional courses.

Senior Citizens and Disabled Persons

Adults 65 years of age or older during the semester, domiciled in Tennessee, may register in courses for credit on a space available basis and pay maximum tuition of \$70 and all applicable fees or a Tennessee resident who is 60 years of age or older may audit a course if space is available at no cost (according to Tennessee law) by filing a birth certificate with the Office of the Registrar. A Tennessee resident who is permanently and totally disabled may register in courses for credit on a space available basis and pay maximum tuition of \$70 and all applicable fees or may audit a course if space is available at no cost (according to Tennessee law) by filing an Application for Tuition Reduction Due to Disability and submit proof you are considered 100% disabled through Social Security or other appropriate state or federal agency. To request tuition reduction for disability, you must submit the documentation for each term of enrollment. Request must be submitted prior to the last day of late registration.

Adult Special Applicants

Applicants (21 years of age or older), who are not interested in earning a degree from the University may apply for admission as an Adult Special Applicant by indicating on their application for admission. Requirements for Freshman Adult Special Students include high school graduation or a minimum GED score of 580 or higher (45 prior to January 2002 or 450 from January 2002-December 2013) with a passing notation or HiSET score of 45 or higher with a passing notation. An official high school transcript or GED score must be submitted to the Office of Admissions; a Special Education Diploma or High School Certificate is not acceptable.

Transfer and readmit applicants must submit a transcript from the last college or university attended. Applicants who are currently suspended from another college or university are not eligible to enroll as Adult Special Students.

Adult Special Students will be limited to enrolling in a maximum of 24 semester hours. Adult Special Students are not allowed to register for college-level courses unless the appropriate prerequisites are completed or a portion of the placement assessment is taken. Adult Special Students who later decide to seek a degree from the University must submit all academic credentials and satisfy all admissions requirements. Applicants who are denied regular admission will be denied admission as a Special Applicant for the same semester.

Adult Special Students - Certificate Only

Applicants enrolling in a certificate program must apply for admission as an Adult Special Applicant by indicating on their application for admission. Applicants that have never attended a college or university must submit their official final high school transcript showing graduation date or acceptable high school equivalency. Applicants who have attended a college or university must submit their official transcript from the last college or university attended. Applicants who are currently suspended from another college or university are not eligible to enroll as an Adult Special Student.

Adult Special Students will be limited to enrolling in a maximum of 24 semester hours. Adult Special Students are not allowed to register for college-level courses unless the appropriate prerequisites are completed or a portion of the placement assessment is taken. Adult Special Students who later decide to seek a degree from the University must submit all academic credentials and satisfy all admissions requirements. Applicants who are denied regular admission will be denied admission as a Special Applicant for the same semester.

Readmission Applicants

Readmission Applicants

Applicants seeking readmission to the APSU Clarksville campus must resubmit an application for admission if they have not attended for one calendar year or more and submit all transcripts from every institution attended since last attending APSU, regardless of whether credit was earned. Applicants wishing to apply for readmission to the APSU Center at Fort Campbell and Highland Crest must also resubmit an application and transcript(s) if they have not attended one calendar year or more .

Programs with Special Admission Requirements

Business, Education, Nursing, Medical Technology, Radiologic Technology, and Social Work have additional requirements for admission. Students wishing to enter these programs should consult with the departments offering the programs. Admission requirements may change due to availability of institutional resources and/or changes in state licensure requirements.

Immunizations

The state of Tennessee requires all first-time, transfer, readmit and graduate full-time students to provide proof of two immunizations with the Measles, Mumps, and Rubella (MMR) vaccine and two immunizations with the Varicella (chickenpox) vaccine. A student will not be allowed to register for classes until these requirements are met. For additional information, contact Student Health Services at (931) 221-7107. The state of Tennessee mandates that each public or private post-secondary institution provide information concerning hepatitis B infection to all students entering the institution for the first time. Those students who will be living in on-campus housing for the first time must also submit proof of meningococcal meningitis vaccination. Tennessee law requires that such students complete and sign a waiver form provided by the institution that includes detailed information about the diseases. The information concerning these diseases is from the Centers for Disease Control and the American College Health Association. The law does not require that students receive the vaccination; however, the law does require students to provide a signed copy of the waiver form to APSU, Student Health Services, Box 4655, Clarksville, TN 37044 or fax to (931) 221-7388.

Lawful Presence

New and returning students applying for Spring 2013 and later must verify their lawful presence in the United States as mandated by the State of Tennessee. More information on this requirement can be found at the Tennessee Eligibility Verification for Entitlements Act page.

Residency

An applicant's residency classification is made at the time of admission in accordance with Austin Peay State University regulations for residency. Non-Tennessee residents classified as in-state for fee payment purposes include military personnel, their spouses and dependents, residents from the Kentucky counties of Christian, Logan, Todd, Trigg, Allen, Calloway, and Simpson; and part-time students employed full-time in Tennessee. APSU residency regulations can be found by going to: Regulations for Residency .

Residency Classification: New students may appeal in writing to the residency classification officer in the Office of the Admissions. An appeal of the decision made by the Office of Admissions may be taken to the Residency Appeals Committee. Appointments for students to appear before the committee and copies of written appeals for committee members will be made by the Office of the Registrar. Only appeals from students who appear before the committee are heard. Students who do not wish to appear may have his/her appeal reviewed in absentia. Unless additional guests are requested in advance and approved by the Committee chair, only the student may appear before the committee. Students may bring additional material to support their appeal at the committee meeting. All appeals must be done prior to the first day of classes. Those appealing to the Residency Appeals Committee must submit his/her Residency Appeals Application prior to the committee meeting. Please consult the Office of the Registrar for those committee meeting dates.

For More Information

Undergraduate Admission

Office of Admissions
Box 4548
Clarksville, TN 37044
Phone: (931) 221-7661
Fax: (931) 221-6168
E-mail: admissions@apsu.edu
Web: apsu.edu/admissions
APSU Federal School Code: 003478

Graduate Admission

Box 4458
Clarksville, TN 37044
Phone: (931) 221-7662
Fax: (931) 221-7641
E-mail: gradstudies@apsu.edu
Web: apsu.edu/grad-studies

Immunizations and Medical Records

Student Health Services

Box 4655

Clarksville, TN 37044

Phone: (931) 221-7107

Fax: (931) 221-7388

Web: <https://www.apsu.edu/health-and-counseling/>

Financial Aid Information

Financial Aid Office

Box 4546

Clarksville, TN 37044

Phone: (931) 221-7907

Fax: (931) 221-6329

E-mail: SFAO@apsu.edu

Web: apsu.edu/financialaid

APSU Federal School Code: 003478

ACT Tests

American College Testing Program

P.O. Box 4065

Iowa City, IA 52243-4063

Web: www.actstudent.org

APSU's Institutional ACT Code: 3944

SAT Tests

The College Board Headquarters

45 Columbus Avenue

New York, NY 10023

Web: www.collegeboard.com

APSU's Institutional SAT Code: 1028

Placement Exams

APSU Testing Office

Phone: (931) 221-6269

Email: testingcenter@apsu.edu

Web: apsu.edu/testing

TOEFL Exams

TOEFL Services

P.O. Box 6151

Princeton, NJ 08541-6151 USA

Web: www.toefl.org

APSU Institutional TOEFL Code: 1028

Dual or Joint Enrollment

High School Counselors' Offices or

APSU Dual Enrollment

Box 4428

Clarksville, TN 37044
Phone: (931) 221-7175
Fax: (931) 221-7748
E-mail: govnow@apsu.edu
Web: <http://www.apsu.edu/govnow/>

Foreign Transcript Translation and Evaluation

Global Education Inc.
2 East Congress St., Suite 900
Tuscon, AZ 85701
E-mail: info@globaledu.com
Web: <http://www.globaledu.com>

World Education Services

Bowling Green Station
P.O. Box 5087
New York, NY 10274-5087
Web: <http://www.wes.org/index.asp>

Complete list of approved agencies located:
NACES <http://www.naces.org/members.html>

University Academic Regulations

University academic policies and procedures apply to all University programs. Policies and procedures unique to individual programs are stated in the Bulletin in the requirements of the program or major.

Academic Advising

Academic advisement is a process that begins prior to admission and continues through graduation. Each undergraduate is assigned a faculty or professional advisor at the time of initial enrollment. The role of the faculty adviser is to help students clarify personal goals, career options, course of study, program requirements and educational needs. The faculty adviser should maintain regular contact. Advisement is a process in which students gain meaningful insights into their academic, social and personal experiences and needs. Faculty advisers serve as coordinators of the educational experience and monitor student progress at critical times during the year. While the faculty adviser assists the student to identify and assess the alternatives and the consequences of academic decisions, academic choices rest with the students. Each department and college has policies specific to advisement.

Academic Forgiveness Policies

Once a forgiveness policy has been enacted, no changes will be permitted.

CARE Policy

- A. The CARE (Credentials Analysis and Re-Evaluation) Policy is a plan of academic forgiveness, which allows undergraduate students who have experienced academic difficulty to make a clean start upon returning to college after an extended absence.
- B. The CARE allows eligible students to resume study without being penalized for his/her past unsatisfactory scholarship and signals the initiation of a new QPA/GPA to be used for determining academic standing.
- C. Readmitted students who were formally enrolled in the institution as well as transfer students who meet institutional requirements for admission and who have been separated from all institutions of higher education for a minimum of two (2) years are eligible for CARE. CARE is not available for students who have previously earned a bachelor's degree.
- D. CARE will only be applied after student has successfully completed a class at APSU upon their return.
- E. CARE criteria:
 - 1. Once the student has satisfied the above requirements, the institution may grant CARE. The student may be granted CARE only once.
 - 2. The student's permanent record will retain a record of all work, however, up to 18 credit hours taken which earned grade of D or F during all terms beginning within a continuous 365 day window will be excluded from the calculation of the QPA/GPA. QPA, GPA and credit hours will reflect courses for which passing grades were earned and retained.
 - 3. The student's transcript will note that CARE was applied and the date on which it was applied.

4. By applying for CARE, the student signifies understanding that institutions other than APSU may not accept the QPA as it is calculated with CARE.
- F. This policy is independent of financial aid regulations. Financial aid requirements at the time of application will apply. Therefore, a CARE applicant should check with his/her financial aid counselor for guidance.
- G. Other institutions may not accept the APSU CARE policy. It is at the discretion of each individual institution to accept it or not.

FRESH START

Minimum Criteria for Institutional Academic Fresh Start Policies

1. "Academic Fresh Start" is a plan of academic forgiveness which allows undergraduate students who have experienced academic difficulty to make a clean start upon returning to college after an extended absence.
2. The Academic Fresh Start allows eligible students to resume study without being penalized for his/her past unsatisfactory scholarship and signals the initiation of a new QPA/GPA to be used for determining academic standing. Students must identify any courses with a grade of 'D' that they wish to retain.
3. Readmitted students who were formally enrolled in the institution as well as transfer students who meet institutional requirements for admission and who have been separated from all institutions of higher education for a minimum of four (4) years are eligible for the Fresh Start. Academic Fresh Start is not available for students who have earned a bachelor's degree.
4. Academic Fresh Start criteria:
 - a. Student Requirements
 1. Separation from all collegiate institutions for at least four (4) years.
 2. Students must enroll at Austin Peay State University and complete one semester before Fresh Start can be applied.
 - b. Terms of the Academic Fresh Start
 1. Once the student has satisfied the above requirements, the institution may grant the Academic Fresh Start. The student may be granted a Fresh Start only once.
 2. The student's permanent record will retain a record of all work; however, courses taken and previously failed will be excluded from the calculation of the QPA/GPA. QPA, GPA and credit hours will reflect courses for which passing grades were earned and retained.
 - i. Retained grades will be calculated in the Fresh Start QPA/GPA.
 - ii. Courses with D or F grades must be repeated at the institution when they are required in the student's current major. All remaining courses for the current degree objectives must be completed at the institution. No transient credit will be accepted after invoking Academic Fresh Start.
 1. The application of retained credit toward degree requirements will be determined by the requirements currently in effect at the time the academic renewal status is conferred on the student. Specific program requirements must also be met.

- iii. Previously satisfied assessment placement requirements will not be forfeited.
- 3. The student's transcript will note that the Fresh Start was applied and when the Fresh Start policy was applied to the transcript.
- 4. The student will apply for the Fresh Start with the understanding that other institutions may not accept the QPA as it is calculated with the Fresh Start.
- 5. This policy is independent of financial aid regulations. Financial aid requirements at the time of application will apply. Therefore, a Fresh Start applicant should check with his/her financial aid counselor for guidance.

Academic Standards and Regulations

Three levels of academic status exist: good standing, academic probation, and academic suspension. Students placed on academic probation or academic suspension receive notification from the Office of Undergraduate Persistence at the end of the semester or term the status was earned. Please check your APSU email for official notification.

Good Standing

This status means that the student is meeting the minimum standard for retention. Satisfactory Academic Progress means that the student is not on academic probation or suspension and meets the following overall GPA requirements:

Minimum GPA	Quality Hours Attempted
1.5	0-29
1.8	30-45
1.9	46-59
2.0	60 and above

Graduation requirements require that the student earn an overall GPA of 2.00, a minimum APSU GPA of 2.00, a minimum GPA of 2.00 in the major, and a minimum GPA of 2.00 in the minor if applicable. Programs may require a higher GPA for retention in the program. Effective Summer 2015 and after, any coursework transferred to APSU, regardless of when it was earned, will not be included in the overall GPA calculation. It will also not be included in the major or minor calculation, unless transferred in prior to Summer 2015.

Academic Probation

A student will be placed on academic probation at the completion of any semester/term or summer session when the student's cumulative GPA falls below the following:

Quality Hours Attempted	Minimum Grade Point Average
11 or less	no minimum

12-29	1.50
30-45	1.80
46-59	1.90
60 and above	2.00

Quality hours attempted include all courses and hours except for grades of "AU", "I", "IP", "NR" and "W." Students on academic probation are limited to a credit load of 16 hours during the Fall and Spring semesters or 6 hours at Fort Campbell or all Summer sessions. Freshmen and sophomores placed on academic probation will be required to participate in the academic strengthening program, Promoting Academic Student Success by enrolling in PASS 0900. Students who do not complete the PASS course will be required to enroll in the course the next semester, if they are still on academic probation. If a student enrolled in PASS 0900 is placed on Academic Suspension and has failed to earn a passing grade in PASS 0900 the student will not be allowed to appeal the academic suspension and students will be required to serve their academic suspension. Students who are indefinitely suspended must wait one year before they are permitted to appeal to the Student Academic Standing Committee. Other students on probation or students returning from academic suspension are also encouraged to participate in the program. Please contact Office of Undergraduate Persistence at 931-221-7152 for information about the program.

Academic Suspension

Students on academic probation who, at the end of the semester/term of enrollment, fail to earn the grade-point average required for that semester (Column A below) or to raise their overall GPA to the required minimum (Column B below) will be suspended for the next semester as well as for any term that might be in session before the next semester begins (e.g., summer term).

Quality Hours Attempted	Semester GPA (Column A)	Cumulative GPA (Column B)
11 or less	no minimum	no minimum
12-29	2.00	1.40
30-45	2.00	1.70
46-59	2.00	1.80
60 and above	2.00	2.00

Quality hours attempted includes all courses and hours except for grades of "AU", "I", "IP", "W" and "NR."

The student who is academically suspended for the second time (Second Suspension) including suspensions from all colleges and universities attended, will be suspended for one calendar year. The student suspended for the third time or more (Indefinite Suspension) may be readmitted only by a petition for reinstatement approved by the Academic Suspension Appeals Committee.

Suspended students may file a written appeal of their suspension period with the Office Undergraduate Persistence no later than the deadline date indicated in the student's suspension letter. Only one appeal per suspension period may be made, with Indefinite Suspension limited to one appeal per calendar year. The academic suspension on appeals committee will review paperwork for each appeal and render a decision. The decision of the committee is final. Students who successfully appeal an Academic Suspension will be required to participate in the academic strengthening program, Promoting Academic Student Success, and enroll in PASS 0900. Students who do not complete the PASS course will be required to enroll in the course the next semester if they are still on academic probation. If a student enrolled in PASS 0900 is placed on Academic Suspension and has failed to earn a passing grade in PASS 0900 the student will not be allowed to appeal the academic suspension and students

will be required to serve their academic suspension. Students who are indefinitely suspended must wait one year before they are permitted to appeal to the Student Academic Suspension Appeals Committee.

The University reserves the right to cancel a student's registration with full fee adjustment should the student enroll prior to being officially notified of an academic suspension.

A student on academic suspension may not be admitted to, or continue in, any program at APSU for credit or for grade-point purposes.

Appeal Process

Suspended students may file a written appeal of their suspension period with the Office Undergraduate Persistence no later than the deadline date indicated in the student's suspension letter. Only one appeal per suspension period may be made, with Indefinite Suspension limited to one appeal per calendar year. The academic suspension on appeals committee will review paperwork for each appeal and render a decision. The decision of the committee is final.

Committee should be a standing committee of specified professional positions and chairs of academic departments to be assigned by Deans of their respective colleges.

Students who successfully appeal an Academic Suspension will be required to participate in the academic strengthening program, Promoting Academic Student Success, and enroll in PASS 0900. Students who do not complete the PASS course will be required to enroll in the course the next semester if they are still on academic probation. If a student enrolled in PASS 0900 is placed on Academic Suspension and has failed to earn a passing grade in PASS 0900 the student will not be allowed to appeal the academic suspension and the student will be required to serve their academic suspension.

A student on academic suspension may not be admitted to, or continue in, any program at APSU for credit or for grade-point purposes.

The University reserves the right to cancel a student's registration with full fee adjustment should the student enroll prior to being officially notified of an academic suspension.

UNIV 1000 Requirement

All first-time freshman and students who enter Austin Peay State University with fewer than 12 hours earned in a college/university setting (including Web courses) after high school graduation, must enroll in UNIV 1000 during the first semester of enrollment. Opportunity admitted students must enroll in designated sections. Student must register and remain enrolled in APSU 1000 until a grade of C is earned.

Auditing

Auditing (no credit awarded) of courses will be permitted for regularly enrolled students who have obtained the permission of the instructor. Such courses count at full value in computing the student's course load and fees, and the student's name appears on the official class roll and should appear on the student's approved schedule of classes. Students who wish to audit a course must complete and submit an Audit Card to the Office of the Registrar before the end of late registration. Once the card has been submitted, the student may not change audit status. The grade awarded is AU and has no effect on the student's grade-point average; it cannot be changed at a future time. Students may not receive financial aid for audited courses.

Class Attendance

Students are expected to attend class regularly, to participate in class, and to be prepared with assignments. The University requires faculty to report students who have never attended or who stopped attending class. The impact of class attendance on the final grade is within the purview of the teaching faculty, and faculty will inform class members of their attendance policies through a course syllabus distributed at the beginning of the semester or term. Irregular attendance may result in referral to the Academic Support Office (Academic Alert). Students who miss an examination because of extenuating circumstances must request approval from the instructor to make up the assignment. Unless the student is officially representing the University off campus, the discretion of the instructor determines the action regarding missed exams or work. Class absenteeism that results in the grade of "FA" (failure, stopped attending and reported within 14 days of the last date of attendance) or "FN" (failure, never attended and reported within the first 14 days of class) may adversely affect the student's time status, financial aid repayment of lottery scholarship, and/or veteran's benefits. Grades of "FA" are awarded for courses when a student stops attending class and grade of "FN" is awarded for courses when a student never attends the class.

Classification of Courses

Courses of instruction for degree credit in the curriculum of the University are divided into three categories: lower division courses (typically regarded as freshman and sophomore level) are numbered 1000-2999; upper division courses (junior and senior level courses) are numbered 3000-4999. Graduate courses are numbered 5000 and above. Undergraduate students may enroll in graduate courses only if they meet minimum requirements as listed in the Graduate Bulletin and receive prior approval of the Dean of Graduate Studies. Courses numbered below 1000 do not count for degree credit, but do count for determining fees, enrollment status and grade point average (GPA).

Classification of Students

The academic standing or classification of undergraduate students is based on number of credit hours they have earned as follows:

Course Repeats

Approval to repeat a course with a "B" or better must complete a Request to Repeat Course(s) with Previous Grade(s) of "B" or Better form located on the Office of the Registrar website under Student Resources at <https://www.apsu.edu/registrar/index.php>, and may only be granted by the Vice Provost for Enrollment and Student Achievement.

If a course taken at another school is repeated at APSU, the course at the other institution will be marked as a repeat.

The last grade received in a repeated course will be used in the computation of the GPA. However, in cases where the course is attempted three times, including transfer work, the third and all future grades for the course will be included in the computation of the GPA. Repeating a course already passed will result in the last grade received and credits earned from the last grade. There are no exceptions to this policy.

Note: Coursework transferred to APSU after Summer 2015 may be used for a repeat and to exclude a previous earned grade, but will not be used in the GPA calculation.

Credit by Examination

A student may receive university credit by AP, IB, CLEP or other such examinations and by prior learning.

Life/Work Portfolio Experiential Learning Credit

Austin Peay State University understands and recognizes that learning occurs in various manners. We have several options through which we recognize our students' prior learning experiences by awarding prior learning credit. On this page, you can learn more about our three prior learning credit processes.

APSU Policy on Prior Learning Credit: <https://apsu.navexone.com/content/dotNet/documents/?docid=74&public=true>

Prior Learning Credit process: <https://www.apsu.edu/prior-learning/>

International Baccalaureate (IB)

Austin Peay State University honors International Baccalaureate (IB) credit for certain undergraduate classes for which an equivalent is offered and for which the required grade is achieved.

College Level Examination Program General Examinations Credits (CLEP)

Students who have earned fewer than 60 hours of traditional college credit may receive university credit by satisfactorily completing the appropriate CLEP (College Level Examination Program) general exam. Students seeking such credit must have earned no credit for a similar course for which the credit is to be awarded. Effective October 17, 2014, the required waiting period before a student can repeat a general examination will be three months. Contact the APSU Testing Center for additional information regarding CLEP exams. See below for the list of CLEP general examinations and the APSU courses for which the credit can be applied.

College Level Examination Program Subject Examinations Credits (CLEP)

In order to receive credit for the CLEP Subject Examinations the student must not have attempted credit in a similar course for which the credit is to be awarded. Both the objective tests and the essay tests may be required for Subject Examinations. A waiting period of six months is required before a student is eligible to repeat any Subject Examinations. Contact the Testing Center for additional information on CLEP Examinations. See the list below of CLEP subject examinations and the APSU courses for which credit can be applied.

*Both the essay portion and the objective portion of the Analyzing and Interpreting Literature test are required to receive credit for ENGL 1020.

**English Literature credit hours change effective January 2016.

Cambridge Exam Credit

Austin Peay State University honors credit for Cambridge Assessment International Education. Credit(s) will be awarded for A (Advanced) level and AS (Advanced Subsidiary) level. The following courses have been approved to award credit.

Correspondence Credit

Credit earned upon completion of correspondence courses taken from a regionally accredited university will be accepted.

Students registered at APSU must have permission on the Coursework Approval Form to take a correspondence course. While in residence at the University, the student may not take English Composition by correspondence.

Departmental Proficiency Examinations

Some academic departments give proficiency examinations to students under limited conditions in conjunction with an instructor who is willing to administer and grade the examination. Students should have the requisite knowledge and skills upon completion of existing courses, from previous experience, or personal expertise. Students should contact the respective department chair about potential courses for departmental proficiency examinations. Students must complete the Application for Departmental Proficiency form (available from the Office of the Registrar) and pay the respective fees prior to the examination. To be acceptable for credit the student must have attained a minimum grade of "B" on the examination.

Defense Activity for Non-Traditional Education Support (DANTES)

Credit earned through DANTES-Subject Standardized Tests (DSST) will be evaluated using ACE guidelines. DSST exams are available from the Testing Center.

Advanced Placement Examinations (AP)

Austin Peay State University honors Advance Placement (AP) credit for certain classes in which an equivalent is offered and for which the required score is achieved. The following Advanced Placement (AP) Examinations of the College Entrance Examination Board (CEEB) are accepted for credit toward a degree.

Certified Professional Secretary (CPS) Credit

Students who have successfully passed the Certified Professional Secretary (CPS) examination may submit scores to the Office of the Registrar and receive undergraduate credit. Courses for which credit may be received are listed below.

Excelsior College Examination for Nursing Students

Students not attending NLNAC School of Nursing

The School of Nursing grants credit for the following Excelsior College Exam in nursing for (RN-BSN) registered nurses. If a student does not pass the examination, it may be retaken once. If the minimum score is not made, the RN/BSN student must take and pass that course within the APSU Nursing Program. Official scores must be sent to the APSU Office of Admissions and the School of Nursing. After careful review, a memo with scores attached will be forwarded to the Office of the Registrar for recording to the academic record. Contact the School of Nursing for additional information at this website www.apsu.edu/nursing.

Credit for Students Graduating from Excelsior

The School of Nursing grants credit for Excelsior College Exams in nursing for BSN completion students. These course/exams are completed to meet requirements for Associate of Science in Nursing. This credit is to be granted to students who are licensed registered nurses and is to be used for Escrow transfer credit for nursing courses. Transcripts from Excelsior College will validate passing of these courses/exams. Excelsior College is an NLNAC accredited program. The director of the School of Nursing will recommend the exams to be approved for escrow on an individual basis. Contact the BSN completion track coordinator.

Dean's List

At the end of each specific semester/term a list of honor students, known as the Dean's List, is published. To qualify for this distinction the student must earn at least 12 credit hours with a minimum semester/term GPA of 3.50 in an individual term OR any combination of consecutive Spring terms OR any combination of consecutive Fall terms. Courses taken on the Pass-Fail grading system will not be included in hours earned for purposes of the Dean's List.

Declared Students

Students who have declared a major will be advised each term through their academic department. At the end of the advising session, the advisor will clear the student for registration. Students should review their OneStop advising page to confirm they have been cleared to register. A green checkmark will appear next to the respective term if the student has been cleared.

Drop and Withdrawal Standards

The following drop procedures are for **single course drops**:

After the official registration period is over, students may make adjustments in their schedule through the process of adding and/or dropping courses.

1. Courses that are dropped before census date will not be indicated on the student's transcript. Students can review drop dates on the Academic Calendar here: <https://www.apsu.edu/academic-calendar>
2. Late add requests will be disabled 7 days after census date based on term/part of term. **Official Dates** can be viewed here: <https://www.apsu.edu/academic-calendar>
3. If for any reason a student stops attending classes but does not officially drop a course(s) or withdraw from the institution; the student will receive an "FA" for each course(s) involved and will not be allowed to drop the course.
4. Special Circumstance Drop or Withdrawal: <https://www.apsu.edu/student-affairs/dean-of-students/special-circumstance.php>

Enhanced Courses with SLA Requirement

Initial course placement at APSU is based on multiple measures that include overall high school GPA or ACT subscores. Students who fall below the 3.5 high school GPA may be placed in courses marked as E sections. These sections are called enhanced courses and follow the corequisite model so students receive specific course support through supplemental labs while earning college credit for mathematics, reading, or English. Structured Learning Assistance is a required part of every enhanced course with course labs that meet 2 hours per week. Students will receive a community of support and related course support. The enhanced labs increase student confidence and course knowledge. Enhanced courses include: ENGL 2330E, World Literature; ENGL 1010E, Composition/Writing; MATH 1010 E, Math for Society; and MATH 1530E, Elements of Statistics. Students may challenge their placement in enhanced courses by providing updated ACT scores, previously completed college course work, or taking an Accuplacer exam.

The placement assessment is offered in the Testing Center, Marks 124, and at APSU @ Fort Campbell. An appointment with the APSU Testing Center is required. This test would allow a student to test out of potential placement status such as Reading, Writing, and Math. Students may schedule an appointment by calling 931-221-6269 or go to the website at www.apsu.edu/testing.

Full-Time Load

The basic unit of all college work is the "semester credit hours." For undergraduate students, twelve (12) semester hours for Fall, Spring, or Summer is a full-time load in determining such things as veteran status, financial aid, and insurance eligibility. To determine your eligibility for Clarksville campus and our Fort Campbell campus, please visit the Financial Aid website at www.apsu.edu/financialaid. However, the usual load for a full-time undergraduate student is at least 15 semester hours. Because the summer term is approximately one-third the length of the semester, the workload for one course is three times as heavy. APSU strongly recommends students register for no more than six (6) semester hours in each summer term.

Grading System

At the end of each semester, the student's quality of work is graded by the instructor. The grades are indicated by letters on a four-point system being used:

Grade	Interpretation	Quality Points Per Semester Hour of Credit
A	Excellent	4
AU*	Audit	—
B	Good	3
C	Average	2
D	Below Average	1
F	Failure	0
FA	Failure, stopped attending class	0
FN	Failure, never attended class	0
P*	Pass, on Pass-Fail Course	—
XF*	Failure, on Pass-Fail Course	—
I*	Incomplete	—
IP*	In Progress	—
W*	Withdrew	—
NR*	Not Recorded (contact instructor)	—

*Not calculated in GPA

Grades of "A", "B", "C", "D" carry the appropriate quantity and quality credits, and all grades calculated in the GPA affect the student's academic standing. Students must maintain a minimum 2.0 APSU, Major, Minor and overall GPA in order to graduate. Effective Summer 2015 and after, any coursework transferred to APSU, regardless of when it was earned, will not be included in the overall GPA calculation. It will also not be included in the major or minor calculation. However, transferred GPA will count towards graduation honor status such as Cum Laude.

NOTE: All grades of "F" will require faculty to indicate the last date of attendance.

Quality Points and Grade-Point Average (GPA)

Students must obtain a degree of excellence higher than is indicated by a minimum passing grade. For determining the qualitative standing of a student, quality credits are used. To graduate, a student must make a "C" (2.00) average on all credits attempted—that is, earn twice as many quality points as quality hours attempted. In determining the academic standing and grade-point average of a student, the following two factors are used:

1. Total quality hours of credit the student has attempted. (In the case of a repeated course, the course is counted as attempted one time only, except as stated under the "Course Repeats" section.) Courses taken on a Pass-Fail basis, "NR", "I" and "IP" grades are not included in the hours attempted.
2. Total quality points earned in courses. (In the case of a repeated course, only the quality points earned the last time the student receives a grade in the course are included, except as stated under the "Course Repeats" section.) Quality points are not earned in courses taken on a Pass-Fail basis.

Graduation GPA

The Grade-Point Average (GPA) is determined by dividing the total quality points earned by the total quality hours attempted, including all courses attempted at APSU and at other institutions (transfer coursework). Effective Summer 2015 and after, any coursework transferred to APSU, regardless of when it was earned, will not be included in the overall GPA calculation. It will also not be included in the major or minor calculation. However, transferred GPA will count towards graduation honor status such as Cum Laude.

Academic Standing GPA (Overall Combined)

The Grade Point Average (GPA) for Academic Standing (Overall Combined) is determined by dividing the total quality points earned by the total quality hours attempted, including all courses attempted at APSU and other institutions (transfer work).

**Note--Effective Summer 2015 and forward:* This GPA will not include transfer work for any new student enrolling Summer 2015 and forward. Also, any returning student who attended another institution during his/her absence from APSU, will not have that transfer work included in his/her overall /overall inclusive GPA. Previously included transfer work remain included.

Grade Reporting

Students are assigned a grade in a course at the end of the semester or term. A mid-term grade must be awarded in all courses numbered 1000-2999 and may be awarded in upper division courses; they do not affect University GPA.

Grade of Incomplete

A grade of incomplete (I) must be changed within one calendar year or the grade of "I" will automatically convert to a grade of "F." After the grade of "F" is recorded, the student will have one calendar year to appeal the "F" grade through the instructor of the course. If approved, an official grade change must be submitted by the instructor through AP OneStop for the dean of the college for his/her approval no later than one calendar year after the grade of "F" was recorded.

In-Progress

Undergraduate courses which allow a student to participate in research, conduct a study, complete a music recital or complete an internship may allow a grade of In-Progress (IP) to be earned. The IP grade will be utilized while the student is completing the

remaining required coursework beyond the original semester of enrollment. The IP Grade will roll to a grade of "F" if not completed within one year of the original IP assignment. The degree cannot be awarded with an In-Progress grade on the student's records.

Pass-Fail Grading

Students, except those on academic probation, will be permitted to take some courses, excluding core courses, in which they may receive a grade of Pass or Fail. These courses are identified in the Course Descriptions section. In order to be eligible for this program, the student must have satisfactorily completed 24 semester hours at APSU, must be enrolled full-time (12 hours) in letter-grade courses, and may take only one such course. Other than for the exceptions listed in certain programs, no student will be permitted to apply toward a degree more than 12 semester hours of traditional credit graded with Pass.

Participating students will be awarded a grade of "P" if the required coursework was judged by the instructor to be at a level of "C" or above. Such courses do not impact grade-point averages for graduation or for honors. Students must have the permission of the instructor to enroll on a pass/fail basis unless the course is designated as a pass/fail course. A student may change to a pass/fail basis only during the normal drop/add period.

Not Recorded (NR) Grade

A grade of "NR" will be recorded for all courses in which an instructor fails to enter a final grade. Students should contact the instructor immediately if a grade of "NR" has been recorded.

Grade Changes

Errors in grades must be reported to the instructor of the course immediately to be processed for a grade change.

Grade Appeal

Students may appeal final course grades entered in the fall semester by end of the spring semester. Students may appeal final course grades entered in the spring, maymester, and summer semesters no by the end of the fall semester Please see Policy Number 2:040, Student Course Grade Appeal Policy, for detailed information. Once a degree has been posted to the transcript, the academic record is deemed complete, and changes will not be made on grades prior to the posted degree.

Access to Grades

Students may obtain their mid-term and final grades through AP OneStop for students (<http://onestop.apsu.edu>).

Graduating with Honors

Only University-level courses will only apply to graduate with honors. Students who earn an inclusive overall grade point average as follows will graduate with honors:

3.90 - 4.00	SUMMA CUM LAUDE
3.70 - 3.89	MAGNA CUM LAUDE
3.50 - 3.69	CUM LAUDE

You may locate your inclusive GPA under the GPA link in AP OneStop or your Degree Works program evaluation.

Inclement Weather

Austin Peay State University offices may remain open during periods of inclement weather. To be notified if classes are canceled or the University is closed due to inclement weather, students should sign-up for AP Alert, the University's text messaging system. Students may also check the home page of the APSU website for cancellation or closing notices. Unless the University officially cancels classes, students are responsible for any academic work missed as a result of inclement weather. It is the individual student's responsibility to contact the instructor in order to make-up any missed work.

In cases of severe inclement weather and hazardous roads, students are to exercise their own judgment in making decisions about class attendance.

More information about the inclement weather procedures can be found at www.apsu.edu/police/emergency-alerts.php.

Internship

Some academic programs offer the opportunity for internships for which students can earn credit that applies toward the degree. The department which houses the program facilitates all aspects of the internship and awards a grade when the internship is completed.

Maximum Loads

Students who meet full admission requirements may enroll in and receive credit toward graduation in a maximum of 18 credit hours during the fall and spring semesters at the Clarksville campus or 9 hours in any term at Austin Peay Center at Fort Campbell. A deviation from this policy must be approved on a Request for Overload form by the student's advisor or the department chair and the dean of the college in which the student's major is housed. The maximum load for undergraduate students during the summer terms is eight (8) hours in either five-week session or fourteen (14) hours during the entire summer term.

Military Credit

Military Service Experience

Students who are serving or previously served in the military are awarded credit based on military experiences reflected on their military transcript, such as Joint Service Transcript (JST) or Certificate of Release or Discharge From Active Duty (DD-214). Military experience is evaluated using the appropriate ACE Guide recommendation. Students who have completed Basic Training are awarded two hours of Physical Activity and three hours of HHP 1250 - Wellness Concepts and Practice.

Prerequisites and Corequisites

A number of APSU courses require the completion of prerequisites by students who wish to enroll in the courses. Therefore, students should attempt to schedule courses that serve as prerequisites for advanced study early in their academic career. Courses numbered 1000-2999 are designed to serve as preparation for upper division requirements. Students may not enroll in any course for which they have not completed the prerequisite satisfactorily or in which they are not enrolled during the priority registration period. Corequisite courses must be taken concurrently and will be listed as such in course descriptions.

Registration

The Office of the Registrar, located in Ellington 316, is the central administrative office responsible for the registration process, maintaining permanent academic records, and performing degree audits.

After meeting with their academic advisor, APSU students are eligible to register. The registration process includes three phases. The dates for each phase are stated in the official academic calendar on the APSU website at [apsu.edu/registrar](https://www.apsu.edu/registrar).

- Priority registration—open to currently enrolled students.
- Open registration—open to new students and readmitted students.
- Late Registration—open to students eligible to enroll as fully admitted student for a given semester after open registration ends.

Information on the registration process can be found in the Registration Information Archive:
<https://www.apsu.edu/registrar/register/index.php>

Registration Holds

Holds may be placed on a student's registration in order to satisfy an obligation owed to the University. Holds are communicated to the student via AP OneStop and APSU email. The most frequent holds are for debts owed the University, such as an unpaid parking ticket or library fine.

Common hold types can be reviewed here: <https://www.apsu.edu/registrar/register/ahpr.php>

Special Circumstance Drop and Withdrawal

The Office of Student Affairs will consider a special circumstance withdrawal if the criteria for the withdrawal is met. The criteria set is subject to change at the discretion of the Office of Student Affairs. All necessary paperwork related to the special circumstance withdrawal process should be submitted to the Office of Student Affairs at studentaffairs@apsu.edu. All necessary paperwork related to a specific course drop because of special circumstance should be submitted to Enrollment and Student Achievement at sa@apsu.edu.

More information on the special circumstance drop or withdrawal is available here: <https://www.apsu.edu/student-affairs/dean-of-students/special-circumstance.php>

Students Without a Declared Major

APSU requires all freshmen without a declared major to select Academic Focus (Undeclared) with a meta-major pathway in: Art, Business, Education, Health Professions, Humanities, General Education, Social Sciences, or STEM. Students prepare to declare a major within three semesters. Academic Focus students complete their general education core requirements and collaborate with a professional academic advisor each semester to explore possible majors, learn degree requirements, and receive assistance with advisement and registration. Once a student has earned 42 credit hours they will need to declare their major to their intended bachelor's degree or change their major to the Associate of Science in Liberal Arts.

Transferability of Credit

Austin Peay accepts credits from other accredited colleges and universities as transfer credit. Substitutions of transfer credit in the requirements of the major must be approved by the department chair in which the major is housed. General Education core substitutions must be approved by the department chair of course subject. Students may appeal the denial of transfer of credit from non-regionally accredited institutions; the decision regarding such credit is deferred until after registration at APSU. Stipulations that apply to transfer credit include:

All transfer hours attempted, hours earned, quality points, and grade point averages earned at other colleges and universities will be included in the APSU academic record. Transfer work GPA will not be included in the APSU academic record as of Summer 2015 for all new or returning students who attended another institution. However, the transfer GPA will count towards graduation honor status such as Cum Laude.

Transfer courses earned with grades of "A," "B," "C," "D," or "P" will be considered for applicability toward the APSU degree; only grades of "A," "B," or "C" will be accepted for ENGL 1010 or other remedial courses. Grades of "F" earned at the transfer institution will be posted on the APSU academic record. Transfer grades are equated to the APSU grading system.

Transfer courses earned with grade of "I" will transfer to APSU as a grade of "F."

The completion of an Associate of Science or Associate of Arts degree in a university parallel (transfer) program at any Tennessee State two-year institution, as stated in the institution's 1988 or later Bulletin, satisfies the General Education core requirements for the baccalaureate degrees and all core requirements for the BA except for Humanities Foreign Language (6 hours). The only exception to this policy is if the student has not completed six semester hours of history. Students who have not completed six semester hours of history will not have met the General Education core requirements. Moreover, certain requirements of specific degree programs at APSU may be satisfied by careful selection of General Education core courses at the two-year institution. This policy also applies to Hopkinsville Community College if six semester hours of history have been included and if their core has been met without exception. The Associate of Applied Science programs at Community Colleges or Hopkinsville Community College do not fulfill the General Education core requirements for the baccalaureate degree.

The completion of a baccalaureate degree from any institution or the equivalent of a baccalaureate degree from a foreign university as certified by an educational credential agency may satisfy the General Education core requirements or other requirements for a second bachelor's degree, unless the history requirement in this Bulletin has not been met.

There is not a maximum or minimum number of hours of credit that can be transferred from a community or junior college. Only lower division credits are transferable from a community or junior college. Courses will be evaluated on an individual basis as to their applicability toward degree requirements and must meet all University degree requirements.

APSU grants non-traditional credit for military service and service schools in accordance with the recommendations included in the "Guide to the Evaluation of Educational Experiences in the Armed Services," published by the American Council on Education.

APSU grants credit for courses completed only from institutions that are accredited by the appropriate regional accrediting association for colleges and universities.

Credit earned as a transient student that will be transferred to APSU must be approved on a Coursework Approval Form prior to the student registering.

Only new transfer students beginning Fall 1999 may be considered for transfer credit from a non-regionally accredited institution of higher learning when requested during their first term at Austin Peay. Readmit and currently enrolled students may request consideration for only such credits earned during or after Fall 1999. Course equivalency credit may be awarded only after review and approval by the appropriate academic department chair or designee and dean. One application for Transfer of Credit from a Non-Regionally Accredited Institution of Higher Learning Application is required for each course requested for acceptance. A course competency examination or other evidence may be required as a part of this process.

Transfer applicants who have a valid ACT English score of 28-30 (SAT/SAT1 verbal/ critical reading 620-680) may receive credit for ENGL 1010. Those with a valid ACT English score of 31-36 (SAT/SAT 1 verbal/critical reading 690- 800) may receive credit for ENGL 1010 and ENGL 1020. Students will receive this credit only if they have not already received college credit for ENGL 1010 and ENGL 1020.

View transfer equivalencies here: https://banwssprod.apsu.edu/prod/bysktran.p_online_crse_equivalencies

Unit of Credit

The University offers instruction and grants credit on the semester system, with the academic year on the Clarksville Campus including Fall and Spring semesters, and Summer term. For students that have earned prior credit on the quarter system, one semester hour of credit is equivalent to 1.5 quarter hours credit or one quarter hour of credit is equivalent to two-thirds of a semester hour credit.

Tuition and Fees

Student Account Services Contact Information

Ellington Building - Rooms 101-108
931-221-6285 phone
931-221-7475 fax
SAS@apsu.edu
P.O. Box 4444
Clarksville, TN 37044

Registration Fees for 2023-2024 Fiscal Year

All fees are subject to change per Board of Trustees policy. New rates for 2023-2024 academic year not finalized at the time of publications.

Expenses for attending APSU include: in-state tuition, out-of-state tuition (non-residents), program service fees, and other special fees. Registration is not complete until all fees have been paid and students have confirmed their schedules online or in person and received a confirmation number. Payments of cash and check can be made in person at the cashiers' windows in Student Account Services and Cashiers Office, Ellington 101-108. Electronic checks and credit cards are accepted on the Web through AP OneStop. We accept Visa, MasterCard, American Express, Discover cards.

The University reserves and intends to exercise the right to withhold copies of transcripts and other student education records and/or to withdraw students who have unpaid or past due balances.

Students are required to pay in-state tuition and, when applicable, out-of-state tuition, for enrollment in all courses even if no credit is earned. All tuition charges or other charges are subject to change at the end of any academic term. Tuition fee adjustments are pro-rated and published in the official University Calendar.

In-State Tuition

Students enrolled for less than 12 semester hours are considered part-time students for fee schedule purposes and are charged an in-state tuition of \$284 for each credit hour of coursework plus program service fees. The total in-state tuition for full-time students (who are registered for 12 credit hours) is \$4,215.50. Additional hours above 12 hours are \$55 per hour. These rates are for 2020-2021 academic year. All fees are subject to change per Board of Trustees.

Out-of-State Tuition

Students who are not residents of Tennessee and who register for 12 credit hours are required to pay an out-of-state tuition fee of \$2,772 per semester in addition to all other regular fees. These rates are for 2023-2024 academic year. All fees are subject to change per Board of Trustees policy.

Nonresident students registered for fewer than 12 credit hours are required to pay an out-of-state tuition fee of \$231 per credit hour in addition to all other regular fees. Residency classification for fee purposes is made at the time of admission to the University and is in accordance with Board of Trustees regulation (see Regulations for Residency). Part-time students employed in Tennessee or students living in these Kentucky counties are exempt from out-of-state tuition: Christian, Logan, Todd, Trigg, Allen, Calloway, and Simpson.

Summer

Tuition and fees for courses taken during summer will be calculated on a straight per credit hour charge with **no maximum** for a full-time student.

Non-Refundable Fees

In addition to tuition, students must pay various fees that are used to provide services needed for academic obligations and are not refundable in case of withdrawal. These fees include post office box fee, science consumable fee, PASS fee, nursing clinical skills fee, and late registration fee.

Program Service Fee (Clarksville Campus, Off Campus, and Distance Learning)

All students except those enrolled at the APSU Center at Fort Campbell are required to pay a program service fee of \$79.15 per credit hour up to a maximum of \$791.50 (10 credit hours).

Technology Access Fee (Ft. Campbell Campus)

All students enrolled in 11 or more credit hours are charged \$112.50 or \$11.25 per credit hour for 10 or fewer credits. This fee supports a wide array of computer services and technological resources.

Other Required Fees (Clarksville Campus Only)

• New Student Fee (both full-time and part-time)	\$ 75
• Post Office Box Rental (students living on campus)	\$ 9

Required Fees

Clarksville Campus, Off-Campus, APSU Center at Fort Campbell, and Distance Learning

Full-time Students

(Twelve Credit Hours)

Per Semester

In-state Tuition	\$4,151.50
Out-of-state Tuition	\$3,956.50 with additional cost of \$2,772.17
Tennessee residents at least 65 years of age and/or permanently disabled	\$70 maximum

Fees in Addition to Tuition for In-state and Out-of-State

Program Services Fee	\$791.50
New Student Fee (one time fee)	\$75.00
Post Office Box Rental (students living on campus)	\$9.00
APSU WEB Classes: Online Course Fee per credit hour	\$34.00
Technology Access Fee (Ft. Campbell APSU Center only)	\$112.50

Part-time Students

(Less Than Twelve Hours)

Per Semester

In-state Tuition per credit hour	\$280.00
Out-of-state Tuition per credit hour	\$511.00

Fees in Addition to Tuition for In-state and Out-of-State

Program Service Fee	\$80.75 per credit hour; \$807.50 maximum
Technology Access Fee for less than 10 credits (APSU @ Ft. Campbell only)	\$11.25 per credit hour; \$112.50 maximum
WEB Classes Fee per credit hour	\$33.00

New Student Fee (one time fee)	\$75.00
Post Office Box Rental (students living on campus)	\$9.00

Housing Fees

For students who wish to live on campus, Austin Peay State University has four enclosed style halls, one of which is reserved for new freshmen with at least a 3.0 or and ACT score of 21; three outside corridor-style halls; one suite-style facility; and two apartment-style facilities. Complete information regarding APSU housing may be found at www.apsu.edu/housing/. Freshmen who do not live at home with family members are required to live in University housing and to purchase a meal plan. These rates are for 2023-2024 academic year. All fees are subject to change per Board of Trustees policy.

Family Housing (per month) ranges from	\$670 to \$870
Resident Hall Room (average; double occupancy per semester)	\$3,600
Student Apartment (per semester)	\$3,750-\$3,900
Meal Plan (estimated per semester)	\$1,792-\$2,143
Housing Prepayment/Housing Deposit	
Student Housing Prepayment (applied to initial dorm charge)	\$100
Family Housing Deposit (refundable)	\$95

Special Fees

For the Special Fees list please visit https://www.apsu.edu/student-account-services/tuition_and_fees/index.php

Tuition and Fee Discounts

1. Adults 65 years of age or older during the semester, domiciled in Tennessee, may register in courses for credit on a space available basis and pay maximum tuition of \$70 and all applicable fees or a Tennessee resident who is 60 years of age or older may audit a course if space is available at no cost (according to Tennessee law) by filing a birth certificate with the Office of the Registrar.
2. A Tennessee resident who is permanently and totally disabled may register in courses for credit on a space available basis and pay maximum tuition of \$70 and all applicable fees or may audit a course if space is available at no cost (according to Tennessee law) by filing an Application for Tuition Reduction Due to Disability and submit proof you are considered 100% disabled through Social Security or other appropriate state or federal agency. To request tuition reduction for disability, you must submit this documentation for each term of enrollment. Request must be submitted prior to the last day of late registration to the Office of Disability Services.

3. A dependent child whose parent was killed or died as a direct result of injuries received, or has been officially reported as being either a prisoner of war or missing in action while serving honorably as a member of the United States armed forces during a qualifying period of armed conflict, or the spouse of such active duty service member, may be eligible for a waiver of tuition and required registration or matriculation fees, and may be admitted without cost to any of the institutions of higher education owned, operated, and maintained by the state of Tennessee, if certain age limits, time periods for eligibility, and residency requirements are met. Contact the APSU Veterans Education Benefits at (931) 221-7760.
4. Dependents (under the age of 24 on the first day of classes) of certified public school teachers of Tennessee or state employees are eligible for a 25 percent discount on undergraduate in-state tuition only. An approval form is available at the following website: www.apsu.edu/student-account-services/discounts/, must be completed each term and submitted to the Student Account Services (discounts@apsu.edu) before the last day of late registration.
5. Dependents 26 years of age or under and the spouse of a full-time TBR employee are eligible for a 50 percent discount on undergraduate in-state tuition and program service fee (excluding special course fees.) An approval form available at the following link: www.apsu.edu/student-account-services/discounts/ , must be completed each term and submitted to Human Resources for approval. This form must be submitted to Student Account Services (discounts@apsu.edu) before the last day of late registration for credit. **A new form must be submitted each semester.**
6. Dependents 26 years of age or under and spouses of full-time UT employees are eligible for a 50 percent discount on tuition. An approval form can be obtained from your institution's website or human resources office. This form must be completed each term and submitted to Student Account Services (discounts@apsu.edu) before the last day of late registration.
7. Full-time employees of the State of Tennessee may enroll in one undergraduate or graduate course at no cost other than special course fees. An approval form available at the following link: www.apsu.edu/student-account-services/discounts/, must be submitted each term to Student Account Services (discounts@apsu.edu) before the last day of late registration. These scholarships are subject to availability of funds.
8. APSU employees (full-time), Board of Trustees, and UT employees may enroll for three courses per term on a space available basis. There is no cost to the employee except for special course fees (web, business, nursing, etc). One course must be submitted on the Fee Waiver form and two on the Reimbursement form. To access these forms, you must go through AP OneStop (Choose Employee/Benefits and Deductions). The form is routed to your supervisor and human resources for approval and forwarded to Student Account Services before the last day of late registration. These scholarships are subject to availability of funds.

Payment of Tuition and Fees

Students are expected to pay all tuition and expenses for the semester or term before the semester or term begins. An installment plan is available fall and spring semesters through the Student Account Services and online.

For additional information on the Installment Payment Plan, please visit: https://www.apsu.edu/student-account-services/your-account/payment/installment_plan.php

The University accepts payment by cash, check or credit card at Student Account Services and Cashiers Office. Payment by electronic check or credit card are accepted online (MasterCard, Visa, American Express and Discover).

Fee Adjustments

Fee adjustments of tuition and fees are pro-rated according to the time the student was enrolled in the University. The dates that percentages apply are published in the Academic Calendar at www.apsu.edu/registrar/acadcal.php

1. 100 percent fee adjustment is issued for the following situations:
 - a. Courses canceled by the University
 - b. Withdrawals between pre-registration period and prior to the first day of classes.

- c. Mandatory withdrawal because the student is declared academically ineligible to enroll or student not eligible to enroll in course being dropped; requires documentation from Dean of Enrollment Management and Academic Support Services.
2. The fee adjustment for withdrawals or drops during regular terms (fall and spring) is 75% from the first day of classes through the 14th day of classes and then reduced to 25% for a period of time which extends 25% of the term. No fee adjustment after 25% of term has expired.
3. For summer sessions and other short terms, the 75% fee adjustment period and the 25% fee adjustment period will extend a length of time which is the same proportion of the term as the 75% and 25% periods are of the regular terms.
4. No fee adjustment when the number of credit hours for courses dropped and courses added on the same day is equal. This is considered a swap.
5. When courses are included in a regular term's registration process, but the course does not begin until later in the term, the 75%/25% fee adjustment periods will be based on the particular course's beginning and ending dates. This does not apply to classes which meet only once per week during regular terms. Those courses will follow the same refund dates as the other courses for the term.
6. The fee adjustment is calculated as the difference between (1) the cost of originally enrolled hours and (2) the per credit hour cost of the courses at final enrollment after adjustments have been applied for the courses dropped. Adjustments are calculated at the full per credit hour rate less the fee adjustment credit at the applicable fee adjustment percentage with total costs not to exceed full-time tuition. Not all drops/withdrawals will result in a fee adjustment.
7. Title IV financial aid fee adjustments for students withdrawing during their first term will be calculated on a pro-rata basis and applied to outstanding balances in accordance with the U.S. Department of Education Higher Education Act of 1965 as amended.
8. Percentage rules apply to out-of-state tuition and refundable fees.

Fee Adjustment Appeals

The University fee adjustment policy is based entirely upon the official date of the withdrawal or change of course which would result in a fee adjustment. Fee adjustments beyond the specified dates or percentages indicated in the "Academic Calendar," will be made only for reasons published by the University, and only when convincing documentation supports the appeal. If the appeal is granted, the fee adjustment will not exceed 75 percent.

Any individual may appeal the assessment, application, calculation, collection, or interpretation of any University fee, charge, deposit, or refund. Information regarding acceptable reasons for which an appeal may be granted, procedures, and the forms to be completed for these appeals can be found online at www.apsu.edu/appeals/.

Appeals for fee adjustments are to be submitted online to the Office of Enrollment Management and Academic Support Services. Supporting documentation in reference to your claim must be submitted within 5 business days to the Office of Enrollment Management and Academic Support. Your explanation should demonstrate why an exception to the published policy is justified. Requests that simply disagree with the policy will not be considered.

The Enrollment Management and Academic Support Office will determine if proper University procedures have been followed; all documentation is reviewed by the Associate Provost. A written decision will be sent to the student's official APSU e-mail account within 2-3 weeks of submission.

Decisions of the Enrollment Management and Academic Support Office may be appealed in writing to the Fee Adjustment Appeals Committee which meets twice each Fall and Spring semester. The committee chairperson will provide a decision in writing via e-mail to the appellant's official APSU e-mail account.

Appeals of adverse decisions made by this committee must be in writing to the Assistant Vice President for Finance. A written decision of matters appealed to that office will be sent to the student's official APSU e-mail account.

Student Financial Aid & Scholarships

SFA Contact Information

Office of Student Financial Aid & Scholarships

Ellington Building, Room 216

P.O. Box 4546

Clarksville TN 37044

Phone: (931) 221-7907

Toll-Free: (877) 508-0057

Fax: (931) 221-6329

sfao@apsu.edu

Student Financial Aid, Scholarships & Veterans Education Benefits

Austin Peay State University believes a post-secondary education should be accessible to assist students in obtaining the resources needed to pay for their education by:

1. Evaluating the family's financial ability to pay for educational costs;
2. Distributing limited resources in an equitable manner; and
3. Creating a balanced package of eligible financial aid.

Financial aid programs include scholarships, grants, on-campus employment and loans to help students with educational costs. Most awards are based on financial need, merit or achievement. The normal amount of time a student can receive financial aid is up to six years. Continuation of awards require class attendance and satisfactory academic progress as identified in the Financial Aid Office's Policies and Procedures.

For more information or questions regarding financial aid, contact the Office of Student Financial Aid & Scholarships, Ellington 216, P.O. Box 4546, telephone 931-221-7907, toll free at 877-508-0057 or visit www.apsu.edu/financialaid/.

How to Apply for Student Financial Aid

The financial aid process is available at www.apsu.edu/financialaid/, and the Free Application for Federal Student Aid (FAFSA) is used to begin this process at www.studentaid.gov. Students should apply for financial aid as early as possible each year they plan to attend. When submitting the FAFSA, students are applying for Federal aid, and state grants, and scholarships. Only Tennessee residents are eligible for State Grants and the Hope Lottery Scholarship. Awards based on need are determined by a financial need analysis standardized by the U.S. Department of Education.

Course Choice Counts for Academic Minors

Based on recently updated federal guidelines, there are changes to financial aid eligibility for students seeking a minor. The majority of undergraduate students who wish to receive their maximum aid eligibility while working toward completing a minor will need 12 or more hours under Course Choice Counts, in addition to any hours applicable to their minor.

The only exceptions will be for minor coursework that is embedded in the degree, fulfills elective credits, or meets general education requirements. All Federal and State financial aid is affected by this guidance.

Grants

Federal Pell Grant

A Pell Grant does not have to be repaid and is available on the basis of need. It is awarded to undergraduate students who have not earned a bachelors or professional degree and pro-rated based on the number of academic hours enrolled on the first day of class as follows:

1. Clarksville campus, the Fort Campbell Center and any other APSU educational sites: less than half-time, 1-5 hours; half-time, 6-8 hours; three-quarters time, 9-11 hours and full-time 12 or more hours.
2. Changes in student enrollment through the pell recalculation date (approximately 14th day of classes) may result in a revision.

Federal Supplemental Education Opportunity Grant (FSEOG)

Awarded to undergraduate students on the basis of financial need, availability of funds, and number of hours enrolled. FSEOG does not have to be repaid.

TEACH Grant Program

Through the College Cost Reduction and Access Act of 2007, Congress created the Teacher Education Assistance for College and Higher Education (TEACH) Grant Program that provides grants of up to \$3,772.00 per year to students who plan to teach high need subject areas in a public elementary or secondary school that serves students from low-income families. This amount is contingent upon Federal Legislation. For details, please visit our website at www.apsu.edu/financialaid/types-of-aid-scholarships/grants/federal-grants.php.

Tennessee Student Assistance Award (TSAA)

Available only to undergraduate residents of Tennessee who are enrolled a minimum of half-time and demonstrate financial need for a maximum of eight semesters. The Free Application for Federal Student Aid at www.studentaid.gov must be submitted as soon as possible of each year. This grant is administered by the Tennessee Student Assistance Corporation (TSAC), Suite 1950, Parkway Towers, 404 James Robertson Parkway, Nashville, TN 37219-5907; toll-free number 800-342-1663. TSAA is not awarded for summer sessions.

Student Loan Awards

Federal Direct Loan-Subsidized

Available only to undergraduate students and based on financial need. Interest is subsidized by the Federal government while the student is enrolled at least half-time and during the six-month grace period. Completion of FAFSA at www.studentaid.gov is required and loans must be accepted on AP One Stop.

Federal Direct Loan—Unsubsidized

Not limited by student's financial need and interest accrues from the time the money is disbursed. Interest may be paid as it comes due or postponed and allowed to accrue during enrollment of at least half-time status. The accumulated interest is added to the original loan amount when repayment begins. Completion of the FAFSA at www.studentaid.gov is required and loans must be accepted on AP One Stop.

Federal Direct Parent Loan for Undergraduate Students (PLUS)

Available to parents of full and half-time dependent undergraduate students. Eligible parents may borrow up to the student's full cost of attendance less any other financial aid the student receives. A credit check is required to determine eligibility and repayment starts within 60 days after the 2nd disbursement or may be deferred after the loan is fully disbursed. To apply, the student and parent must complete the Free Application for Federal Student Aid (FAFSA) at www.studentaid.gov. In addition to the FAFSA, the parent must complete the pre-approval credit process for student loans and submit the Plus application to the Office of Student Financial Aid & Scholarships.

Multiple Loan Disbursements

Loan proceeds are issued in at least two disbursements for Federal Direct subsidized, unsubsidized and Parent PLUS Loans.

Annual Loan Limits

Information on annual loan limits is found at www.apsu.edu/financialaid/types-of-aid-scholarships/loans/index.php.

Merit-Based Awards

Tennessee Education Lottery Scholarships

Tennessee Education Lottery Scholarships (non-need based) will be awarded to Tennessee high school graduates who have been a resident for one year, earned a composite score of 21 on the ACT (980 SAT) OR 3.0 unweighted overall high school GPA and college core GPA out of a possible 4.0. Home school applicants must be enrolled as a home school student in a TN home school program for a minimum of one year immediately preceding graduation and have a 21 composite score or above for the ACT test or a 980 (math plus critical reading scores only) or above, on a national test date for the SAT test for HOME Scholarship consideration. GED applicants must have earned an average Revised GED score of 170 and an ACT composite score of 21 (980 SAT). High school equivalency test (HiSet) applicants must have earned an average HiSet score of 15 and an ACT composite score of 21 (980 SAT). Eligibility requirements for both full-time and part-time students may be found at www.tn.gov/collegepays. All award amounts are estimated and final awards are determined by the lottery revenue collected,

eligibility and renewal criteria. All criteria and amounts are subject to change. Check www.tn.gov/collegepays for the most current requirements.

Application Process

Eligible students must submit a Free Application for Federal Student Aid (FAFSA) available online at www.studentaid.gov as soon as possible each year they plan to attend.

Tennessee Hope Scholarship

\$4,500 per year renewable for freshman and sophomores. \$5,700 per year renewable for juniors and seniors. This amount may be reduced during a freshman's first semester, due to a dual enrollment grant.

General Assembly Merit Supplemental Scholarship

\$1,000 renewable supplemental scholarship for those who meet the qualifications for the Tennessee Hope Scholarship and have in addition earned a 3.75 weighted and college core GPA and at least a composite score of 29 on the ACT (1280 SAT). Applicants can only receive one supplemental scholarship.

ASPIRE Award

\$1,500 renewable supplemental scholarship for those who meet the qualifications for the Tennessee Hope Scholarship and whose parents earn an adjusted gross income of \$36,000 or less. Applicants can receive only one supplemental scholarship.

Non-Traditional

Eligible students must be a minimum of 23 years of age and have an adjusted gross income of \$36,000 or less and be an entering freshman or have not been enrolled in a post-secondary institution for at least two years. For details, visit www.tn.gov/collegepays/.

Helping Heroes Grant

Eligible students must be a veteran who received an honorable discharge and has been awarded the Iraq Campaign Medal, The Afghanistan Campaign Medal or after 9/11/01 received the Global War on Terrorism Expeditionary Medal. For details, visit www.tn.gov/collegepays/.

Part-time Awards and Renewal Criteria:

Applicants enrolling part-time must meet the same criteria as full-time enrollees. Awards for those enrolled in six, seven, or eight hours will receive half of the award of full-time enrolled students, while those enrolled in nine, ten or eleven hours will receive three-quarters of the award. Renewal criteria will be the same as full-time enrolled students. For further information visit www.tn.gov/collegepays/.

Institutional Scholarship Awards

Austin Peay State University, State and Donor Scholarships

The University awards numerous competitive scholarships based on academic merit, special talents, accomplishments and financial need. The requirements and application may be found at www.apsu.edu/scholarships. Applications are accepted annually from October 1 - February 1. Only one application is needed. Academic scholarships awarded to first-time students are part of the admissions process. Questions regarding academic scholarships for first-time students should be addressed to the Office of Admissions.

Outside Scholarships

Many organizations donate scholarship funds for students. These include, but are not limited to, Rotary, Civitan, Community Foundation Groups, Churches, and High Schools. Students are encouraged to check with organizations that may have funding to assist with educational expenses.

For assistance:

(New Students) Office of Admissions

931-221-7661 or toll free 800-844-2778

(Current Students) Office of Student Financial Aid & Scholarships

931-221-7907 or toll free 877-588-0057

Office of University Advancement (regarding donor scholarships)

931-221-7199

Student Employment

Students employed on campus may work up to 20 hours per week and a maximum of two positions. Students needing employment are encouraged to seek jobs on campus either through the Federal Work Study program or General Campus.

Federal Work Study (FWS) Program

The University receives federal funding to employ students on campus while they pursue their education. Funds are limited, need based and awarded by FAFSA date. Eligibility requires a minimum of half-time enrollment and a minimum 1.8 GPA. Students may work a maximum of 20 hours per week depending on the amount of their award. Students may not work during scheduled classes or exam times. The FWS award is the amount of money a student may earn during the academic year and determines the number of hours that may be worked. FWS recipients must make an appointment with the Office of Student Financial Aid & Scholarships, for job placement and may not start work until approval has been received via APSU e-mail from the Human Resources office.

General Campus Work

Some University departments have funds to employ students. Positions are advertised online at <https://www.apsu.edu/careers/jobs4govs/index.php>. Students may work a maximum of 20 hours per week depending on the department's budget, be enrolled a minimum of half-time and maintain a minimum 1.8 GPA. Students may not work during scheduled classes or exam times. Questions should be referred to the office of Human Resources at 931-221-7177.

Disbursement Procedure

For Clarksville campus students, one-half of an academic year award (excluding Federal Work Study) is disbursed to the student's account to pay outstanding charges. Any remaining credit balance is direct deposited into the student's bank account within three days of the beginning of the semester/term. Students who decline direct deposit will receive a balance check approximately two weeks after classes begin. Loan disbursements will be released once during the fall payment period and once during the spring payment period. Summer assistance is explained on the Summer Financial Aid web page.

Satisfactory Academic Progress Standards

In order to continue receiving financial aid, students are required to maintain class attendance and satisfactory progress. Satisfactory Academic Progress means the student is not on academic probation or suspension and meets the guidelines at www.apsu.edu/financialaid/sat_prog.php. The maximum time frame for completion of a bachelor's degree will be six academic years unless the student has been enrolled part-time.

Students who lose their eligibility for financial aid may appeal in writing to the Office of Student Financial Aid & Scholarships. The appeal form must be completed and extenuating circumstances must be documented for the committee to review. The appeal form can be found at www.apsu.edu/financialaid/.

Class Attendance and Official Withdrawals

Students receiving Federal Title IV Financial Aid must attend class on a regular basis. If a student ceases to attend class, they should officially withdraw from the University. Students who do not officially withdraw will receive FA (failure, stopped attending and reported within 14 days of the last date of attendance) or FN (failure, never attended and reported within the first 14 days of class) grades in their courses and a determination will be made regarding possible repayment of funds. Students may withdraw by completing the appropriate process with the Office of the Registrar. See policy on returns and fee adjustments of financial aid in Fee Adjustments.

Other Financial Services

Tennessee Vocational Rehabilitation

Students with physical disabilities may obtain grants-in-aid, providing assistance with college-related costs through the Tennessee Vocational Rehabilitation Service. Tennessee residents should request information from their high school guidance counselor or write to the Coordinator, Division of Vocational Rehabilitation, 1808 West End Building, Nashville, Tennessee 37203. Students residing in other states should contact similar agencies in their states. This program is different from VA Chapter 31-Veteran Readiness and Employment.

Veterans Education Benefits

Office of Veterans Education Benefits

Ellington Building, Room 202

P.O. Box 4546

Clarksville, TN 37044

(931) 221-7760

Toll Free Number:

1-877-508-0057

Fax Number:

(931) 221-6305

ova@apsu.edu

All degree programs offered by Austin Peay State University, as listed in this Bulletin, are deemed approved for VA education benefit training. The Office of Veterans Education Benefits (VEBO) must certify each VA benefit recipient's training to the U.S. Department of Veterans Affairs (VA) before any payments will be made. VA education benefits are paid only for courses that are needed to fulfill graduation requirements for the recipient's program of study. APSU VEBO is located on the Clarksville Campus in Ellington Building, Room 202. The VEBO maintains all necessary forms for active-duty service persons, reservists, Guardsmen, dependents, and veterans to apply for VA education benefits. Any questions relating to VA training at APSU should be directed to the VEBO. However, the VEBO does not make decisions on eligibility for VA education benefits, or on the amount and length of entitlement for which a student is eligible under those benefits. To receive a formal decision, the student must file a claim with the VA, who makes initial determination on eligibility and payment amount. All claims should be filed through the appropriate APSU VEBO so that copies are maintained in the student's APSU file. The programs under which the student may be eligible for VA education benefits are listed below. To determine specific eligibility requirements, you should direct your questions to the VEBO or the VA at 1-888-GI BILL-1 (1-888-442-4551). (GI Bill® is a federally registered trademark of by the U.S. Department of Veterans Affairs.)

1. Montgomery GI Bill® - Active Duty (MGIB-AD) - Chapter 30
2. Veteran Readiness and Employment - Chapter 31
3. Veterans' Educational Assistance Program (VEAP) - Chapter 32
4. Post-9/11 GI Bill® - Chapter 33
5. Transfer of Entitlement Option - Post 9/11 GI Bill® - Chapter 33 TOE
6. Marine Gunnery Sergeant John David Fry Scholarship - FRY
7. Survivors and Dependents Education Assistance (DEA) - Chapter 35
8. Montgomery GI Bill® - Selected Reserve (MGIB-SR) - Chapter 1606
9. Edith Nourse Rogers STEM Scholarship (Post 9/11 GI Bill® STEM)
10. National Call to Service Program
11. Tuition Assistance Top Up (TA Top-up)

***NOTE:** For first time students utilizing VA education benefits at APSU, you must contact one of the APSU's Office of Veterans Education Benefits to complete your VA education benefit packet.

Public Law 115-407 (Veterans Benefits and Transition Act of 2018)

Austin Peay State University adheres to Public Law 115-407 and does not have any active policies inconsistent with section 103 of the law. The university ensures efficient processing of benefits and successful transition for our veterans and family members in the following ways:

1. Upon submission of a Certificate of Eligibility (COE) or VR&E Authorization, the Office of Veterans Education Benefits processes a student's certification and authorizes a fee deferment, if requested.

2. Students receiving VA education benefits or VA Veteran Readiness as well as financial aid are permitted use of a book voucher to purchase necessary books and supplies.
3. If financial aid processes to a student's account prior to receipt of VA education benefits or VA Veteran Readiness from the Department of Veterans Affairs (VA), the university credits the student's account in the amount of the anticipated VA payment. The university then processes a refund of excess financial aid to the student.
4. In the event a student is eligible and certified for payment, but VA's payment is significantly delayed, Student Account Services will remove a balance due hold to allow registration for subsequent semesters.
5. No penalty is imposed on a student whose disbursement of benefits is delayed.

Admission to the University Is Required for Receiving VA Benefits and VR&E

Students must be fully admitted and seeking a degree at APSU in order to qualify for VA education benefits and VR&E. Non-degree seeking students do not qualify for VA benefits. Admission application is made through the APSU Office of Admissions in the Ellington Student Services Building and online at www.apsu.edu/Admissions. Fort Campbell applicants may apply through APSU Center @ Fort Campbell Enrollment Services Office. Visiting students must be in good standing and have a parent institution approval letter. Active duty service members, Guardsmen and Army reservists will apply for Admissions through their branch's portal.

Applying for VA Education Benefits/Initial Tuition Requirements

Application for VA education benefits is made through the appropriate APSU VEBO. For veterans, Guardsmen and reservists, a copy of the DD-214 discharge certificate is required with both the application for admission and the application for VA education benefits. Reservists and Guardsmen must also submit a copy of the DD Form 2384 (Notice of Basic Eligibility) to the appropriate APSU VEBO. Application for VA education benefits, or VR&E does not constitute an application for admission to the University.

Critical Areas of Concern for Continuing VA Enrollment Certification for Benefits

1. **Matriculation:** VA considers a student to have matriculated when he/she has been fully admitted to the University as pursuing an approved degree. This means that all documents necessary to be admitted as a regular, degree-seeking student must be received by the Office of Admissions before matriculation is complete. Students who have not been officially admitted into a degree program are not eligible for VA education benefits. The requirements for full admission must be completed prior to enrollment (see General Requirements for Admissions). Certification for VA education benefits will not be submitted beyond one term of enrollment for non-matriculated students. The following documents are required for matriculation:
 1. Application for Admission;
 2. High-school transcript with date of graduation, passing GED, or External Diploma Program;
 3. All Higher education transcripts from other schools (includes Community College of the Air Force) and non-traditional college credits; and
 4. All applicable test scores (refer to Admissions Requirements)/
 5. All military personnel (active duty, reservists, Guardsmen, and veterans) must submit documents for military credit.
2. **Proper Degree Pursuit:** In order to be certified to receive VA education benefits, students are required to be degree-seeking and enrolled in an approved degree program of study as listed in this Bulletin. Benefit payments will only be made for those courses required in the program of study which count for graduation credit. Students must enroll in and attend the degree-granting institution in order to receive VA education benefits. If a change of program is desired, the VA must be notified by submitting the appropriate notification forms through the VEBO.
3. **Audited, Repeated or Excessive Courses:** VA education benefit payment will not be made for courses which have been previously passed, whether at APSU or accepted as transfer credit. Courses taken under the Fresh Start and CARE Policy programs fall into this category, as they are taken to increase GPA. Conversely, the student may repeat a course for which a failing (punitive) grade has been assigned once without penalty. However, electives will not be considered for certification purposes, unless the prior credit evaluation is on file with the appropriate APSU VEBO and clearly

states the number of electives required. Excessive courses are those courses that will not be used in computing hour requirements for graduation. Excessive courses will not be certified to VA for payment.

4. **Repeat Failed or Unacceptable Courses:** APSU honors a "forgiveness" policy that allows students to report a failed or unacceptable grade for a course. If the student receives a passing grade, the original grade is "forgiven" (excluded) and becomes a non-punitive grade (no longer counts in the GPA). Once this course has been "forgiven", the school is required to report this to VA which may result in an over payment. For more details, visit www.apsu.edu/veterans-affairs/course-requirements/repeat-course-policy.php.
5. **Certification Request Form:** The enrollment certification request is to be used by active duty service persons, veterans, reservists, Guardsmen and dependents to request that their enrollment be certified to the U. S. Department of Veterans Affairs for education benefits. This process must be completed every term of enrollment (i.e., Fall I term, Fall semester, Summer sessions). For additional information, please visit our website at www.apsu.edu/veterans-affairs/online-resources/enrollment-certification-process.php.
6. **Military Credit:** Students are eligible to receive non-traditional credit for military experiences. Students who have completed Basic Training are generally awarded PHED 1310 (2 credit hours) and HHP 1250 (3 credit hours). Please refer to the Transfer Credit Policy with the Office of the Registrar for more details.
7. **Accelerated, Independent or Hybrid Courses:** Accelerated, independent and hybrid courses may affect your VA monthly benefit. VA considers accelerated courses as non-standard terms and training time will be based on the actual dates of enrollment. VA considers independent and hybrid courses as distance learning which may impact the Post 9/11 GI Bill monthly housing allowance.

Federal Tuition Assistance, ROTC and VA Education Benefits

Students utilizing federal Tuition Assistance (TA) might be able to utilize the Montgomery GI Bill® or Post 9/11 GI Bill® for the same term. You must submit a copy of your TA breakdown from branch's portal to APSU VEBO. The TA breakdown will show which courses have been covered by TA and which courses have not.

If ROTC pays for your tuition and fees such as LDAC, then the VA will not pay for the same courses. This could constitute a duplication of benefits which is not permitted by the Department of Defense and the VA.

Attendance Policy

Students must inform APSU VEBO of any change in enrollment status (drops, adds, withdrawals, etc.) in order to prevent or reduce over payment of VA education benefits. When the VEBO is notified that a student's attendance is unsatisfactory, the benefits for that class will be terminated from the last recorded date of attendance as provided by the faculty member. If no recorded last date of attendance is provided, benefits will be terminated effective the first day of the term.

A grade of FN (student has never attended class and reported within the first 14 days of class) results in the termination of benefits from the first day of the term; a grade of FA (student has stopped attending class and reported within 14 days of the last date of attendance) results in termination from the last recorded date of attendance. FN and FA are punitive grades and will be reported to VA immediately.

VA will not pay benefits to an individual for a course from which the individual withdraws or receives a non-punitive grade (I or W) which is not used in computing the requirements for graduation.

Attending Another Institution While Receiving VA Benefits at Austin Peay State University

Students who plan to attend another institution (in a transient status) while attending and receiving VA benefits at APSU MUST see the appropriate VEBO prior to registering/enrolling at the other institution, or VA benefits for the enrollment at the other institution will be significantly delayed or disallowed. A copy of the approved coursework approval form must be submitted with the transient enrollment request. The student must be in good standing. (www.apsu.edu/veterans-affairs/applicant-checklists/guest-student-supplemental-and-concurrent-enrollments.php).

Change of Program

The VEBO must be informed if a student wishes to change his/her program of study (major/concentration), and the proper request form submitted to the VA. Upon making a program change, all previous coursework at APSU or other institutions must be applied to the new program as prior credit. Chapter 31 Veteran Readiness and Employment students may not change their degree programs without prior written approval from the VA VR&E counselor.

***NOTE:** You will be required to submit a new prior credit evaluation at the end of the first term of changing your program of study.

Changing VA Education Benefits

You must submit the appropriate VA forms and a written letter of intent that you are electing to change your VA education benefit. This paperwork must be submitted to our office prior to the submission of your enrollment certification request. If you submit your paperwork afterwards, then the change of VA education benefit will not take effect until the next term. The only exception is if your previous benefit is exhausted.

Prior Credit Evaluation

Both the law and the regulations require schools to grant appropriate credit for prior training and experience. The current procedure provides for termination of VA education benefits if the school does not furnish an evaluation of prior credit within one (1) term (38 U.S.C. 3675(b)(2) and 3676(c)(4), and §21.4253(d)(3) and 4254(c)(4)).

- Prior credit is defined by the U.S. Department of Veterans Affairs as "the amount of credit allowed for previous education, training, and experience; including military training and experience". The portion of a student's military experience, AP credit, transfer credit, and so forth; which, when applied to the student's specific degree program, shortens that program.
- Ensure all previous education, training, and experience documents are received
- Evaluation of credit is processed by the Office of the Registrar
- Program of Study listed in your declared Bulletin, transcript evaluation, and initial Degree Works will serve as your Prior Credit Evaluation. Any previously passed courses that either the Care or Fresh Start has been applied will still count on the Prior Credit Evaluation and cannot be certified for VA funding.

***NOTE:** For Aviation students, the prior credit evaluation with a copy of the approved program of study (curriculum) and FAA certificate statement must be submitted prior to the first term of enrollment.

Deferment of Tuition and Fees

Eligibility for Deferment of Payment of Tuition and Fees for Certain Eligible Students Receiving U.S. Department of Veterans Affairs or Other Governmentally Funded Educational Assistance Benefits Service members, Veterans, and dependents of veterans who are eligible beneficiaries of U.S. Department of Veterans Affairs education benefits or other governmentally funded educational assistance, subject to the conditions and guidelines set forth in Tennessee Code Annotated 49-7-104 as amended, may elect, upon formal application, to defer payment of required tuition and fees until the final day of the term for which the deferment has been requested. Application for the deferment must be made no later than 14 days after the beginning of the term, and the amount of the deferment shall not exceed the total monetary benefits to be received for the term. Students who have been granted deferments are expected to make timely payments on their outstanding tuition and fees balance once VA education benefits are being delivered, and eligibility for such deferment shall terminate if the student fails to abide by any applicable rule or regulation, or to act in good faith in making timely payments. This notice is published pursuant to Public Chapter 279, Acts of 2003, effective July 1, 2003.

***NOTE:** Students who have a VA education benefits over payment are not eligible for a deferment.

Avoiding VA Education Overpayment

As a VA education benefits recipient, you should understand what you can do to prevent an over payment:

1. **Report Changes in Enrollment:** Promptly report any changes in your enrollment to APSU VEBO and the VA. If you notify APSU, and not VA, it may take longer to correct your payments. Please take note: VA payment for a month of school attendance is normally made during the following month; that is, you are paid on a reimbursable basis. If you receive a payment during a month following a change in enrollment status, make sure you are entitled to that payment before negotiating it. If the amount has not changed from your previous payment and you have reduced the rate of your training, the chances are good that you are not entitled to this payment.
2. **Understand the Consequences of Changes:**
 1. You should understand the University's grading system. If you receive a "non-punitive" grade of "W" or "I," reduce or terminate your enrollment, VA will be notified. Upon receipt of the notice, VA will reduce or terminate your benefits. The payment of VA education benefits will not be made for any course that is not computed in the graduation requirements of the program.
 2. If you change your enrollment after the regular drop/add period, the VEBO will ask for a statement explaining the events surrounding the change. The law states that no payments will be made for a course from which you drop, or for which you receive a "non-punitive" grade of "W" or "I," unless there are "mitigating circumstances" surrounding the change. VA defines "mitigating circumstances" as unanticipated and unavoidable events which interfere with a student's pursuit of a course. If you fail to provide a statement of supporting evidence or the reasons you give are not accepted as "mitigating circumstances," VA will reduce or terminate your benefits from the start of the term. Examples of unacceptable "mitigating circumstances" include withdrawal to avoid a failing grade, dislike of instructor and too many courses attempted. The VEBO can advise you on acceptable "mitigating circumstances."
 3. You must report changes in dependency to VA including your own, if you are receiving an additional allowance for family members.
3. **If an Education Overpayment Is Created:** VA is required to take prompt and aggressive action to recover the over payment. The VA Regional Office or Debt Management Center will notify you of the overpayment. The following actions may be taken if an over payment is not promptly liquidated:
 1. Adding interest and collection fees to your debt;
 2. Withholding future benefits to apply to your debt;
 3. Referring your debt to a private collection agency;
 4. Offsetting the debt from your federal tax refund;
 5. Offsetting the debt from your salary if you are a federal employee;
 6. Filing a lawsuit in federal court to collect the debt; and/or
 7. Withholding approval of a VA home loan guarantee pending payment of the debt.
4. **If you owe VA:** Contact the VA Debt Management Center at 1-800-827-0648 or dmc.ops@va.gov (7:30 a.m. to 4:00 p.m., CST) for payment options.
5. **If the VA charges APSU for an overpayment of tuition and fees:**
 1. The VA Regional Office will notify you of the over payment;
 2. May result in a billing with the University;
 1. APSU has multiple ways to make a payment
 2. Contact Student Account Services at 931-221-6285 or sas@apsu.edu (8:00 a.m. to 4:30 p.m. CST, Mon-Fri) for payment options.

***NOTE:** Section 1019 of the Isakson-Roe Health Care and Benefits Improvement Act of 2020 (Public Law 116-315) made schools financially liable for tuition and fees payments directly paid to a school for Chapter 33, TOE, FRY, and Yellow Ribbon. If the school has to repay tuition and fees to the VA, then you may owe the school money and have a balance on your account.

Satisfactory Progress

The VEBO must report the student's unsatisfactory progress (academic suspension) and terminate VA education benefits, at such time he or she no longer meets APSU's standards of progress. All grades, no matter when earned, are part of the permanent

transcript and are factored into your academic progress. If benefits are terminated for unsatisfactory academic progress (academic suspension), a written request on VA Form 22-8873 must be submitted by the student to VA for benefits to be reinstated.

Verification of Enrollment for Montgomery GI Bill® and Post 9/11 GI Bill®

Montgomery GI Bill®

You must verify your enrollment on the last day of each month for which benefits are to be paid. The U.S. Department of Veterans Affairs will not issue payment until you verify.

You can verify through a touch-tone phone or VA's WAVE application:

- Touch-tone Phone at 1-877-823-2378
- WAVE at <https://www.gibill.va.gov/wave/index.do>

Post 9/11 GI Bill®

Public Law 116-315, Section 1010 requires verification of enrollment status to continue to receive a monthly housing allowance (MHA) and/or kickers. If you fail to verify your enrollment status for two consecutive months, the VA will withhold your MHA and/or kicker payments until VA receives your verification.

You can verify through text message, email, or phone:

- Text Message – you must opt-in for VA to send you a text message each month asking if you are still enrolled. If you do not receive the automated text message, you will have to contact VA at 1-888-GI BILL-1 (1-888-442-4551) to manually opt-in.
- Email – when you opt-out of VA's text messaging, VA will automatically enroll you in VA's email system. If you do not receive the automated text message, you will have to contact VA at 1-888-GI BILL-1 (1-888-442-4551) to manually opt-in.
- Phone - call VA at 1-888-GI BILL-1 (1-888-442-4551) on the last day of the month and ask a VA representative to verify your enrollment.

Correspondence

APSU student email account is the official and primary correspondence method. Once admitted at APSU, you will be assigned an APSU student email account. The VEBO will utilize the APSU student email for VA announcements, reminders and notifications.

Students may use AP OneStop (<https://onestop.apsu.edu>) to view all their APSU VA information. This website will inform the VA student of his/her approved certified courses as well as possible missing requirements.

University-Wide Degree Requirements

Academic Guidelines for Undergraduate Degrees

- Candidates for Baccalaureate Degree
- Candidates for Associate Degree
- Testing as a Degree Requirement
- Common Bulletin Statement
- General Education
- Academic Regulations for Degree Completion
- Requirements for Degrees in Absentia

Academic Guidelines for the Baccalaureate Degree

1. A student may graduate under the requirements of the current University Bulletin during the initial enrollment or any Bulletin thereafter that includes enrollment. A Bulletin is valid for six years under the initial Bulletin they entered APSU or any Bulletin thereafter, which includes enrollment.
2. Students who have satisfactorily completed at least 24 weeks of intensive linguistic instruction, as recommended by ACE, may apply these credits to satisfy the Humanities - Foreign Language (III. B. 3 - 6 hours) core general education requirement for the BA degree.

Candidates for the Baccalaureate Degree Must:

1. Earn a minimum of 120 semester hours credit.
2. Earn 33 semester credit hours in courses numbered 3000-4999 or upper division elective (EU) transfer credits.
3. Earn at least 25 percent of the degree requirements in residency and earn at least 24 semester credit hours during the junior or senior years.
4. Earn an overall GPA of 2.00 in all courses attempted at any regionally accredited college or university if the coursework was transferred to APSU prior to Summer 2015, for all courses completed at APSU, and for all courses used to satisfy the requirements of a major, concentration or a minor, if applicable.
5. Complete the General Education Core requirements. Any substitution of a General Education Core course must be approved by the dean of the college in which the course is located. Courses in the general education core requirements should be completed by the end of the sophomore year.
*Students who are pursuing a Bachelor of Arts degree will also need to complete Foreign Language 2010 and 2020 (please see Policy 1:027 for additional information).
6. Complete the Freshman Seminar (UNIV 1000) during the first semester of enrollment if entering APSU with fewer than 12 credits earned in a regionally accredited college or university setting. Students who have been admitted into the Honors Program or the President's Emerging Leaders Program may complete Introduction to University Life (HON 1000) or Freshmen Seminar (PELP 1000) in place of UNIV 1000.
7. Complete the requirements of the major or concentration required by the school or department in which the major or concentration is located. Any substitution for a required course is to be approved by the chair of the department or director of the school and Dean of the College requiring the course in the major or minor.

8. If a minor is required, it should consist of at least 18 semester hours of credit shall include at least six semester hours of credit in courses numbered 3000 to 4999. Check descriptions of department majors to learn whether a minor is required with a particular major.
9. Transfer no more than 24 semester hours credit earned at other institutions after the last term completed at Austin Peay.
10. If required, complete the Major Field Test in the candidate's major during the semester of graduation.
11. Complete Senior Exit Exam (CCTST, California Critical Thinking Skills Test) by the final semester of graduation.
12. Apply no more than 60 hours of credit earned by testing and other non-traditional means toward a baccalaureate degree.
13. Completion of ENGL 1010 with minimum grade of "C."
14. Apply for graduation by submitting an application online for the baccalaureate degree through AP OneStop at onestop.apsu.edu by the published deadline.

Candidates for the Associate Degree Must:

1. Earn a minimum of 60 semester hours of credit.
2. Earn at least 25 percent of the degree requirements in residency and earn at least 24 semester credit hours during the sophomore year. Courses offered via *TN eCampus, formerly RODP/ROCC, must be taught by APSU instructors in order to be included in the program of study residency requirement. Residency is defined as courses delivered and taught by APSU instructors.
3. Maintain an overall minimum grade-point average of at least a "C" (2.00) average in all courses. Effective Summer 2015 and after, any coursework transferred to APSU, regardless of when it was earned, will not be included in the overall GPA calculation. It will also not be included in the major or minor calculation.
4. Complete the 15 credit hours of required General Education Courses. Any substitutions of a General Education Core course must be approved by the dean of the college in which the course is located.
5. Complete the Freshman Seminar (UNIV 1000) during the first semester of enrollment if entering APSU with fewer than 12 credits earned in a regionally accredited college or university setting. Students who have been admitted into the Honors or President's Emerging Leaders Program may complete Introduction to University Life (HON 1000) or Freshman Seminar (PELP 1000) in place of UNIV 1000.
6. Complete the requirements of the major or concentration required by the school or department in which the major or concentration is located. Any substitution for a required course is to be approved by the chair of the department or director of the school and Dean of the College requiring the course in the major or minor.
7. Transfer no more than 15 semester hours of credit earned at other institutions after the last semester at APSU.
8. Fulfill degree requirements with no more than one-half non-traditional credits.
9. Completion of ENGL 1010 with minimum grade of "C"
10. Be admitted to APSU if transferring from other associate degree programs.

11. Apply for graduation by submitting an application online for the associate degree through AP OneStop at onestop.apsu.edu by the published deadline.

Testing as a Degree Requirement

Unless otherwise specified for specific majors by an academic department, no minimum score or level of achievement on senior assessments listed in the baccalaureate degree requirements is required for graduation. Participation in testing is a graduation requirement for all students, and a commitment to performing well is expected.

Common Bulletin Statement Regarding General Education

Effective Fall Semester 2004, each institution in the State University and Community College System of Tennessee share a common lower division general education core curriculum of forty-one (41) semester hours for baccalaureate degrees and the Associate of Science degrees. Lower division means 1000 and 2000 level courses. The courses comprising the general education curriculum are contained within the following subject categories.

Academic Regulations for Degree Completion

I. Application for Degree and Commencement: Participation

- A. Application for degree must be filed with the Office of the Registrar no later than the date published in the Academic Calendar.
- B. Candidates may only participate in the commencement held at the end of the semester in which the requirements for the degree are completed.

II. Degree Evaluation

- A. In preparation for graduation, students may conduct a preliminary review of coursework taken at APSU and any evaluated transfer work which is available in AP OneStop at onestop.apsu.edu.
- B. To view, click on the Degree Works tile once logged in to AP OneStop.

III. Records Complete

- A. All grades, undergraduate and graduate level, of "Incomplete (I)", "In-progress (IP)" and "Not Recorded (NR)" must be removed for any degree at that level to be conferred.
- B. All evaluation of transfer credits must be completed.

IV. Double Major: Concurrently Earning Two Majors Under the Same Degree

- A. A student may concurrently earn two majors under the same degree by meeting all requirements for both majors as shown in the current edition of the University Bulletin at the time of admission to the majors and degree.
- B. The awarded degree with the two majors completed will appear on the academic transcript.
- C. Definition: The "degree" is the degree designation (such as Bachelor of Science) and the "major" is the declared major (such as Computer Science, General Agriculture, etc.).
- D. As an illustration of a double major under the same degree, a student could earn a Bachelor of Science degree with a major in Computer Science and a major in General Agriculture. One degree will be awarded.

1. In this illustration the Bachelor of Science degree with the majors of Computer Science and General Agriculture will appear on the academic transcript as awarded.
2. A second degree will not be awarded and a second diploma will not be issued.

V. Earning Two Majors Under Different Degrees Simultaneously: Students who pursue double majors under different degree programs must comply with the following:

- A. Before graduation, the student must complete a minimum of 150 hours of which 60 must be earned in courses numbered 3000-4999. Two degrees will be awarded.
- B. As an illustration, a student can earn a Bachelor of Science in Biology and a Bachelor of Arts in English simultaneously. The Bachelor of Science and the Bachelor of Arts are considered two different degrees. Biology and English are two different majors. In this illustration, two different degrees would be awarded and two different diplomas would be issued.
- C. The student may elect to change one major to a minor. One degree will be awarded.

VI. Earning a Second Concentration Under Same Bachelor Degree Earned at APSU

- A. A student who has already been awarded an undergraduate degree at APSU may also earn a second concentration under the same degree and major already awarded by meeting all of the requirements for that concentration as shown in the current edition of the University Bulletin at the time of admission to the second concentration.
- B. The completed second concentration will be added to the academic transcript as a notation.
- C. A second degree and major will not be awarded and a second diploma will not be issued.
- D. Definition: The "degree" is the degree designation (such as a Bachelor of Science, Bachelor of Fine Arts, etc.).
- E. As an illustration of a second concentration under the same undergraduate degree and major, a student who earned a Bachelor of Science in General Agriculture with a concentration in Agri-Business can also complete the requirements for a second concentration in Agri-Science; however, only one Bachelor of Science degree will be awarded with a major in General Agriculture with a concentration in Agri-Business.
 1. In this illustration, the Bachelor of Science with a major in General Agriculture with a concentration in Agri-Business will appear on the academic transcript as awarded and the additional concentration of Agri- Science will be added as a transcript notation.
 2. In this illustration, a second Bachelor of Science degree and a second major of General Agriculture will not be awarded and a second diploma will not be issued.

VII. Earning a Second Baccalaureate Degree from APSU when first baccalaureate degree was earned from another institution

Different Baccalaureate Degrees

Definitions:

The "degree" is the degree designation (such as a Bachelor of Science, Bachelor of Arts, etc.)

Students who hold a baccalaureate degree from APSU or any other regionally accredited college or university may subsequently earn a second (different) baccalaureate degree from APSU if the following requirements are met:

- A. Hold an earned baccalaureate degree from a regionally accredited institution or the equivalent of a baccalaureate degree from a foreign university as certified by an educational credential agency, including the history requirement as specified in the APSU General Education core;
- B. Indicate second degree on the APSU Application for Admission submitted online to the Office of Admission or submitted online through AP OneStop. When applying as a second degree seeking student, the student must have previously earned a baccalaureate degree to pursue a second degree. (Please see the Academic Regulations for earning a second major or concentration under the same degree at APSU). Students who previously earned an Associate Degree are not considered second degree seeking;

- C. Submit all transcripts from previously attended regionally accredited institutions or the transcripts and certification by an educational credential agency. Coursework that applies to the second degree must be reviewed. APSU majors with additional admission requirements may require a review of the entire transcript;
- D. Seek Academic Advising. After reviewing the Degree Works evaluation online in AP OneStop at onestop.apsu.edu, the student must arrange an appointment with the academic advisor in the department of the second major;
- E. Complete an additional 30 hours of APSU credit of which 24 of these hours must be earned in courses numbered 3000-4999, and meet the residency requirement of 25 percent of the overall degree requirements earned at APSU;
- F. Complete, without exception, the requirements for the major and minor appropriate to the new degree (this requirement may be met by the major and minor of the curriculum for the first degree if appropriate for the second degree);
- G. Transfer no more than 24 semester hours credit earned at other institutions after the last term in residence. Exceptions: Pre-professional programs;
- H. Earn an overall GPA of 2.00. This GPA is calculated by using all course work transferred in from a regionally accredited college or university prior to Summer 2015, transferred in from non-regionally accredited institutions prior to Summer 2015, and all course work completed at APSU. Transfer work accepted Summer 2015 and after will not be included in this GPA calculation.
- I. Earn an overall GPA of 2.00 in all courses used to satisfy the requirements for major, concentration and minor. The GPA is calculated by using all course work transferred in from a regionally accredited college or university prior to Summer 2015, transfer work accepted from non-regionally accredited institutions prior to Summer 2015, and all course work completed at APSU. Transfer work accepted Summer 2015 and after will not be included in this GPA calculation.
- J. Complete the requirements of the major required by the school or department in which the major resides. Any substitutions for a required course must be approved by the department chair or director of the school requiring the course in the major or minor.
- K. As an illustration, a student who has earned a Bachelor of Science degree with a major in Physics at the University of Texas can attend APSU, as a second degree seeking student, to earn a Bachelor in Arts with a major in Foreign Languages.

Same Baccalaureate Degree, Different Major

- A. Students may earn a second Major under the same degree, as long as the major is different from the one previously earned at APSU.
 - 1. Definitions:
 - The "degree" is the degree designation (such as a Bachelor of Science, Bachelor of Arts, etc.)
 - The "major" is the major designation (such as Criminal Justice, Psychological Science, Agriculture, etc.). The major must have a different Classification of Instructional Programs (CIP) code from the major previously earned at APSU.
 - 2. As an illustration, a student who previously earned a Bachelor of Science degree with the major of Criminal Justice can return to APSU and earn an additional Bachelor of Science degree with the major of Computer Science.
 - 3. In this illustration, an additional degree would be awarded and an additional diploma would be awarded.

VIII. Earning a Second Baccalaureate Degree from APSU when first baccalaureate degree was also earned at APSU

Students may not earn a second degree in a major previously earned at APSU.

- A. Definition: The "degree" is the degree designation (such as a Bachelor of Science, Bachelor of Fine Arts, etc.).
- B. The following is an illustration of a student who previously earned a Bachelor of Arts degree with the major of Communication with a concentration in Journalism

- i. the student could return to APSU and complete the requirements for an additional concentration in Sports Communication and a notation would be placed on the academic transcript for the additional concentration. In this illustration, no additional degree would be awarded and no additional diploma would be awarded.
 - ii. the student cannot return to APSU and earn an additional Bachelor of Arts degree with the major of Communication; however, the student could complete the requirements for a second concentration and have it annotated on the academic transcript as indicated above in V.I.E..
- C. Students may not earn a second bachelor's degree in APSU's General Studies major either after previously earning a bachelor's degree, regardless of where the degree was earned, or simultaneously with another bachelor's degree.
 - i. Previously Earned Degree: As an illustration, a student who has previously earned a Bachelor of Science degree with a major in Physics at the University of Texas cannot earn a Bachelor of Science degree in General Studies at APSU.
 - ii. Simultaneously Earning a Degree: As an illustration, a student who is currently earning a Bachelor of Science in Nursing degree at APSU cannot simultaneously earn an APSU Bachelor of Science Degree in General Studies.

Requirements for Degrees in Absentia

A student may plan to complete three years of college coursework before transferring to a professional school, and be a candidate for the bachelor's degree at APSU after the successful completion of the first year's coursework in the professional school, provided that the following is completed:

1. The candidate must submit a Degree in Absentia Plan to the Department Chair and receive approval; and this plan must be forwarded to the Office of the Registrar.
2. During the first year of enrollment in a professional program, the candidate must earn 120 or more credit hours, if the professional program grants undergraduate credit, when combined with professional school credits to satisfy APSU graduation requirements. Should the professional program grant graduate level credit only, a minimum of 90 hours of undergraduate coursework toward the APSU bachelor's degree will be required to earn the APSU bachelor's degree and an additional 30 hours of graduate level work will be required to reach the minimum of 120 earned credit hours for the program of study.
3. Candidates transferring back graduate level credit from the professional program will be granted a maximum of 30 hours of transfer work be utilized toward their Bachelor degree completion.
4. Candidates needing clinical internship credit register at APSU for a minimum of 15 hours of internship for those hospital programs generating 36 hours or less of credit applicable toward the degree in absentia (enrollment for these units shall be approved by the APSU clinical education coordinator).
5. The candidate must satisfy APSU GPA requirements and APSU departmental program requirements. It is strongly recommended to review the APSU Undergraduate Bulletin for major and/or minor requirements to completely understand those unique requirements.
6. The candidate must complete a program of study at APSU that must include (a) the General Education core requirements for a degree, in addition to (b) an approved major, (c) at least 24 semester hours earned in courses within the major numbered 3000 or above, and (d) at least 25 percent of the course work in the program of study APSU bachelor's degree must be earned at APSU 30 APSU semester hours credit.
7. The professional school must be part of a regionally accredited institution. 8. Submit an application online for the baccalaureate degree through AP OneStop at onestop.apsu.edu by the published deadline. The link to apply for

graduation may also be found on your degree evaluation in Degree Works.

8. The candidate files an application for degree by the deadline as published.

Austin Peay Center at Fort Campbell

Location: SSG Glenn H. English, Jr., Army Education Center

Bldg. 202 - Room 138, Fort Campbell, KY 42223

Phone: 931-221-1400

Website: <http://www.apsu.edu/apfc>

Mission Statement

The mission of the APSU Center at Fort Campbell is to prepare our military and civilian students in the acquisition and development of the necessary skills, knowledge, and abilities required for entry into and/or advancement in their academic, professional, technical, or management fields of endeavor or career choices. With focused learning, modern equipment, and varied methods of instruction by quality faculty, we assist our diverse student body through a process of academic rigor with a focus on exceptional customer service and personal attention.

Calendar

Fort Campbell operates on five 7 1/2-week terms: Fall I (August - October), Fall II (October - December), Spring I (January - March), Spring II (March - May), and Summer III (May - July). The official calendar for Fort Campbell is published in this Bulletin and will be published in the Fort Campbell Schedule of Classes.

Academic Advising

Academic advisement is a process that begins prior to admission and continues through graduation. Each undergraduate is assigned a faculty or professional advisor at the time of initial enrollment. The role of the faculty adviser is to help students clarify personal goals, career options, course of study, program requirements and educational needs. The faculty adviser should maintain regular contact. Advisement is a process in which students gain meaningful insights into their academic, social and personal experiences and needs. Faculty advisers serve as coordinators of the educational experience and monitor student progress at critical times during the year. While the faculty adviser assists the student to identify and assess the alternatives and the consequences of academic decisions, academic choices rest with the students. Each department and college has policies specific to advisement.

Grade Reporting

At the end of each semester, the student's quality of work is graded by the instructor. The grades are indicated by letters on a four-point system being used:

Grade	Interpretation	Quality Points Per Semester Hour of Credit
A	Excellent	4
AU*	Audit	—
B	Good	3
C	Average	2

D	Below Average	1
F	Failure	0
FA	Failure, stopped attending class	0
FN	Failure, never attended class	0
P*	Pass, on Pass-Fail Course	–
XF*	Failure, on Pass-Fail Course	–
I*	Incomplete	–
IP*	In Progress	–
W*	Withdrew	–
NR*	Not Recorded (contact instructor)	–

*Not calculated in GPA

Grades of “A”, “B”, “C”, “D” carry the appropriate quantity and quality credits, and all grades calculated in the GPA affect the student’s academic standing. Students must maintain a minimum 2.0 APSU, Major, Minor and overall GPA in order to graduate. Effective Summer 2015 and after, any coursework transferred to APSU, regardless of when it was earned, will not be included in the overall GPA calculation. It will also not be included in the major or minor calculation. However, transferred GPA will count towards graduation honor status such as Cum Laude.

NOTE: All grades of “F” will require faculty to indicate the last date of attendance.

Quality Points and Grade-Point Average (GPA)

Students must obtain a degree of excellence higher than is indicated by a minimum passing grade. For determining the qualitative standing of a student, quality credits are used. To graduate, a student must make a “C” (2.00) average on all credits attempted—that is, earn twice as many quality points as quality hours attempted. In determining the academic standing and grade-point average of a student, the following two factors are used:

1. Total quality hours of credit the student has attempted. (In the case of a repeated course, the course is counted as attempted one time only, except as stated under the “Course Repeats” section.) Courses taken on a Pass-Fail basis, “NR”, “I” and “IP” grades are not included in the hours attempted.
2. Total quality points earned in courses. (In the case of a repeated course, only the quality points earned the last time the student receives a grade in the course are included, except as stated under the “Course Repeats” section.) Quality points are not earned in courses taken on a Pass-Fail basis.

Graduation GPA

The Grade-Point Average (GPA) is determined by dividing the total quality points earned by the total quality hours attempted, including all courses attempted at APSU and at other institutions (transfer coursework). Effective Summer 2015 and after, any coursework transferred to APSU, regardless of when it was earned, will not be included in the overall GPA calculation. It will also not be included in the major or minor calculation. However, transferred GPA will count towards graduation honor status such as Cum Laude.

Academic Standing GPA (Overall Combined)

The Grade Point Average (GPA) for Academic Standing (Overall Combined) is determined by dividing the total quality points earned by the total quality hours attempted, including all courses attempted at APSU and other institutions (transfer work).

**Note–Effective Summer 2015 and forward:* This GPA will not include transfer work for any new student enrolling Summer 2015 and forward. Also, any returning student who attended another institution during his/her absence from APSU, will not have that transfer work included in his/her overall /overall inclusive GPA. Previously included transfer

work remain included.

Grade Reporting

Students are assigned a grade in a course at the end of the semester or term. A mid-term grade must be awarded in all courses numbered 1000-2999 and may be awarded in upper division courses; they do not affect University GPA.

Grade of Incomplete

A grade of incomplete (I) must be changed within one calendar year or the grade of "I" will automatically convert to a grade of "F." After the grade of "F" is recorded, the student will have one calendar year to appeal the "F" grade through the instructor of the course. If approved, an official grade change must be submitted by the instructor through AP OneStop for the dean of the college for his/her approval no later than one calendar year after the grade of "F" was recorded.

In-Progress

Undergraduate courses which allow a student to participate in research, conduct a study, complete a music recital or complete an internship may allow a grade of In-Progress (IP) to be earned. The IP grade will be utilized while the student is completing the remaining required coursework beyond the original semester of enrollment. The IP Grade will roll to a grade of "F" if not completed within one year of the original IP assignment. The degree cannot be awarded with an In-Progress grade on the student's records.

Pass-Fail Grading

Students, except those on academic probation, will be permitted to take some courses, excluding core courses, in which they may receive a grade of Pass or Fail. These courses are identified in the Course Descriptions section. In order to be eligible for this program, the student must have satisfactorily completed 24 semester hours at APSU, must be enrolled full-time (12 hours) in letter-grade courses, and may take only one such course. Other than for the exceptions listed in certain programs, no student will be permitted to apply toward a degree more than 12 semester hours of traditional credit graded with Pass.

Participating students will be awarded a grade of "P" if the required coursework was judged by the instructor to be at a level of "C" or above. Such courses do not impact grade-point averages for graduation or for honors. Students must have the permission of the instructor to enroll on a pass/fail basis unless the course is designated as a pass/fail course. A student may change to a pass/fail basis only during the normal drop/add period.

Not Recorded (NR) Grade

A grade of "NR" will be recorded for all courses in which an instructor fails to enter a final grade. Students should contact the instructor immediately if a grade of "NR" has been recorded.

Grade Changes

Errors in grades must be reported to the instructor of the course immediately to be processed for a grade change.

Grade Appeal

Students may appeal final course grades entered in the fall semester by end of the spring semester. Students may appeal final course grades entered in the spring, maymester, and summer semesters no by the end of the fall semester Please see Policy Number 2:040, Student Course Grade Appeal Policy, for detailed information. Once a degree has been posted to the transcript, the academic record is deemed complete, and changes will not be made on grades prior to the posted degree.

Access to Grades

Students may obtain their mid-term and final grades through AP OneStop for students (<http://onestop.apsu.edu>).

Textbooks

The APSU Center at Fort Campbell Bookstore, located in the Army Education Center, stocks textbooks that are required for scheduled courses. Students are strongly encouraged to attend the first class meeting to ensure that the course will be offered and the exact text requirements are understood before making purchases. Checks, money orders, Visa, MasterCard, or cash are acceptable for payment. The APSU Bookstore has several textbook buy back programs each year.

Admission Requirements

Prospective students are encouraged to submit an application as early as possible. After the **deadline**, only those students who are eligible for full admission will be considered. Those who submit applications and are admitted after the stated deadlines may be required to delay enrollment until the beginning of the next term or semester. Students must be admitted to be considered for **scholarship opportunities**. Admission to APSU is a selective process; applicant assessments and other credentials must indicate a reasonable chance for success in completing academic work at APSU. Applicants for admission to APSU, either for the Clarksville campus, , the Fort Campbell campus, or any off-site location are encouraged to submit an **application online**; paper applications may be submitted by mail to Austin Peay State University, Office of Admissions, P.O. Box 4548, Clarksville, TN 37044.

Austin Peay State University and the Board of Trustees admission policies, procedures, and credentials are subject to change at any time without notification. The following represents the most up-to-date policies, procedures, and credentials at the time this Bulletin was produced.

Financial Aid

Students are encouraged to apply for financial assistance by completing and submitting the Free Application for Federal Student Aid (FAFSA), which is available via the web at www.fafsa.ed.gov. Students should file an application for admission to the University at the same time they apply for financial aid. Students who qualify for financial assistance will be notified by an award letter from the Student Financial Aid Office. The award will be divided into four (4) disbursement periods consistent with the four-term schedule per academic year offered through AP Center at Fort Campbell. Please refer to the financial aid section of this Bulletin to view the types of federal aid that are available. Also, please visit www.apsu.edu/financialaid for more information.

Registration Procedures

Registration procedures, dates, and information are announced prior to the beginning of each term. Fees for registration must be paid at the time of registration. Current policy stipulates that, while all classes and programs are open to the public, active duty military personnel will have priority.

Drop/Add

The following drop procedures are for **single course drops**:

Single Course Drop Procedures	
Official Dates can be viewed here: https://www.apsu.edu/academic-calendar	
Period	Process
Before Census Date	Student are able to drop using the Add/Drop link through AP Web Self Service. No restrictions.
After Census Date – Before end of Auto “W”	Students are able to drop using the Add/Drop link through AP Web Self Service. Students that have earned a FN/FA will not be able to drop the course(s).
After Auto “W”	Students will request to drop using the “Request to drop after “W” on Self Service. The request will be routed to an Enrollment and Student Achievement committee to make a decision of

	awarding the student a “W” or “F” for the course. Students with an FN/FA will not be able to request to drop the course(s).

Official Withdrawl Drop Procedures	
Official Dates can be viewed here: https://www.apsu.edu/academic-calendar	
Period	Process
Before Census Date	Student are able to drop using the Drop All Courses from Selected Term/Semester link through AP Web Self Service. No restrictions.
After Census Date – Before end of Auto “W”	Students are able to drop using the Drop All Courses from Selected Term/Semester link through AP Web Self Service. No restrictions.
After Auto “W”	Students will submit using the Drop All Courses from Term/Semester on AP Web Self Service. The request will be routed to Dean of Students to make a decision of awarding the student a “W” or “F” for the course(s). No restrictions.

After the official registration period is over, students may make adjustments in their schedule through the process of adding and/or dropping courses.

1. Courses that are dropped before census date will not be indicated on the student’s transcript. Students can review drop dates on the Academic Calendar here: <https://www.apsu.edu/academic-calendar>
2. Late add requests will be disabled 7 days after census date based on term/part of term. **Official Dates** can be viewed here: <https://www.apsu.edu/academic-calendar>
3. If for any reason a student stops attending classes but does not officially drop a course(s) or withdraw from the institution; the student will receive an “FA” for each course(s) involved and will not be allowed to drop the course.
4. Special Circumstance Drop or Withdrawal: <https://www.apsu.edu/student-affairs/dean-of-students/special-circumstance.php>

Dean's List

At the end of each specific semester/term a list of honor students, known as the Dean’s List, is published. To qualify for this distinction the student must earn at least 12 credit hours with a minimum semester/term GPA of 3.50 in an individual term OR any combination of consecutive Spring terms OR any combination of consecutive Fall terms. Courses taken on the Pass-Fail grading system will not be included in hours earned for purposes of the Dean’s List.

Academic Standards and Regulations

Three levels of academic status exist: good standing, academic probation, and academic suspension. Students placed on academic probation or academic suspension receive notification from the Office of Undergraduate Persistence at the end of the semester or term the status was earned. Please check your APSU email for official notification.

Good Standing

This status means that the student is meeting the minimum standard for retention. Satisfactory Academic Progress means that the

student is not on academic probation or suspension and meets the following overall GPA requirements:

Minimum GPA	Quality Hours Attempted
1.5	0-29
1.8	30-45
1.9	46-59
2.0	60 and above

Graduation requirements require that the student earn an overall GPA of 2.00, a minimum APSU GPA of 2.00, a minimum GPA of 2.00 in the major, and a minimum GPA of 2.00 in the minor if applicable. Programs may require a higher GPA for retention in the program. Effective Summer 2015 and after, any coursework transferred to APSU, regardless of when it was earned, will not be included in the overall GPA calculation. It will also not be included in the major or minor calculation, unless transferred in prior to Summer 2015.

Academic Probation

A student will be placed on academic probation at the completion of any semester/term or summer session when the student's cumulative GPA falls below the following:

Quality Hours Attempted	Minimum Grade Point Average
11 or less	no minimum
12-29	1.50
30-45	1.80
46-59	1.90
60 and above	2.00

Quality hours attempted include all courses and hours except for grades of "AU", "I", "IP", "NR" and "W." Students on academic probation are limited to a credit load of 16 hours during the Fall and Spring semesters or 6 hours at Fort Campbell or all Summer sessions. Freshmen and sophomores placed on academic probation will be required to participate in the academic strengthening program, Promoting Academic Student Success by enrolling in PASS 0900. Students who do not complete the PASS course will be required to enroll in the course the next semester, if they are still on academic probation. If a student enrolled in PASS 0900 is placed on Academic Suspension and has failed to earn a passing grade in PASS 0900 the student will not be allowed to appeal the academic suspension and students will be required to serve their academic suspension. Students who are indefinitely suspended must wait one year before they are permitted to appeal to the Student Academic Standing Committee. Other students on probation or students returning from academic suspension are also encouraged to participate in the program. Please contact Office of Undergraduate Persistence at 931-221-7152 for information about the program.

Academic Suspension

Students on academic probation who, at the end of the semester/term of enrollment, fail to earn the grade-point average required for that semester (Column A below) or to raise their overall GPA to the required minimum (Column B below) will be suspended for the next semester as well as for any term that might be in session before the next semester begins (e.g., summer term).

Quality Hours Attempted	Semester GPA	Cumulative GPA
11 or less	No minimum	No minimum
12-29	2.00	1.40
30-45	2.00	1.70
46-59	2.00	1.80
60 and above	2.00	2.00

Quality hours attempted includes all courses and hours except for grades of “AU”, “I”, “IP”, “W” and “NR.”

The student who is academically suspended for the second time (Second Suspension) including suspensions from all colleges and universities attended, will be suspended for one calendar year. The student suspended for the third time or more (Indefinite Suspension) may be readmitted only by a petition for reinstatement approved by the Academic Suspension Appeals Committee.

Suspended students may file a written appeal of their suspension period with the Office Undergraduate Persistence no later than the deadline date indicated in the student’s suspension letter. Only one appeal per suspension period may be made, with Indefinite Suspension limited to one appeal per calendar year. The academic suspension on appeals committee will review paperwork for each appeal and render a decision. The decision of the committee is final. Students who successfully appeal an Academic Suspension will be required to participate in the academic strengthening program, Promoting Academic Student Success, and enroll in PASS 0900. Students who do not complete the PASS course will be required to enroll in the course the next semester if they are still on academic probation. If a student enrolled in PASS 0900 is placed on Academic Suspension and has failed to earn a passing grade in PASS 0900 the student will not be allowed to appeal the academic suspension and students will be required to serve their academic suspension. Students who are indefinitely suspended must wait one year before they are permitted to appeal to the Student Academic Suspension Appeals Committee.

The University reserves the right to cancel a student’s registration with full fee adjustment should the student enroll prior to being officially notified of an academic suspension.

A student on academic suspension may not be admitted to, or continue in, any program at APSU for credit or for grade-point purposes.

Appeal Process

Suspended students may file a written appeal of their suspension period with the Office Undergraduate Persistence no later than the deadline date indicated in the student’s suspension letter. Only one appeal per suspension period may be made, with Indefinite Suspension limited to one appeal per calendar year. The academic suspension on appeals committee will review paperwork for each appeal and render a decision. The decision of the committee is final.

Committee should be a standing committee of specified professional positions and chairs of academic departments to be assigned by Deans of their respective colleges.

Students who successfully appeal an Academic Suspension will be required to participate in the academic strengthening program, Promoting Academic Student Success, and enroll in PASS 0900. Students who do not complete the PASS course will be required to enroll in the course the next semester if they are still on academic probation. If a student enrolled in PASS 0900 is placed on Academic Suspension and has failed to earn a passing grade in PASS 0900 the student will not be allowed to appeal the academic suspension and the student will be required to serve their academic suspension.

A student on academic suspension may not be admitted to, or continue in, any program at APSU for credit or for grade-point purposes.

The University reserves the right to cancel a student’s registration with full fee adjustment should the student enroll prior to being officially notified of an academic suspension.

General Requirements for an Associate Degree

The general requirements for the associate's degree are as follows:

1. Earn at least 15 credit hours from APSU.
2. Earn at least 60 semester hours credit and follow the specific course requirements as given in the outlined Program of Study.
3. Complete the First Year Experience course (UNIV 1000) during the first semester of enrollment if entering APSU with fewer than 12 credit earned in a regionally accredited college or university setting.
4. Fulfill degree requirement with no more than one-half non-traditional credits.
5. Earn at least 25 percent of the degree requirements in residency and earn at least 24 semester credit hours during the sophomore year.
6. Transfer no more than 15 semester hours of credit earned at other institutions after the last semester of residence.
7. Be admitted to APSU if transferring from other associate degree programs.
8. Maintain an overall minimum grade-point average of at least a "C" (2.00) average in all courses. Effective Summer 2015 and after, any coursework transferred to APSU, regardless of when it was earned, will not be included in the overall GPA calculation. It will also not be included in the major or minor calculation.
9. Completion of ENGL 1010 with minimum grade of "C."
10. Submit an application online for the associate degree through AP OneStop at onestop.apsu.edu by the published deadline.

Distance Education

Website: www.apsu.edu/online

Email: online@apsu.edu

Phone: 931-221-6625

Location: McReynolds Building, 216

Our Mission

The mission of Distance Education at Austin Peay State University is to empower faculty and students to effectively employ emerging technologies and research based teaching practices to facilitate greater access to high quality and flexible higher education pathways.

Our Vision

Cultivate and inspire innovative teaching and learning in Distance Education through effective implementation of emerging technologies and research based teaching practices.

Our Services

Distance Education provides instructional technology and design services. We support faculty and student use of the D2L Brightspace learning management system, Turnitin plagiarism prevention and writing support, online proctoring, Zoom web conferencing, Tutor.com online tutoring, YuJa media management and SmarterMeasure learning readiness assessment. Instructional designers are available to help faculty with course development, course improvement, content curation and accessibility. Our other services include:

- Distance Education Support Desk (M-F, 8:00am-4:30pm)
- Instructional technology assistance and resources for students and faculty
- Quality Matters course reviews
- Quality Matters workshops and professional development
- APSU Online Quality Fundamentals (AOQF) course review program
- Closed captioning and video streaming services
- Faculty instructional technology and instructional design training
- Multimedia resources (Camtasia and SnagIt licenses)
- Distance Education compliance and regulation

Distance Education Support Desk

The Distance Education Support Desk provides faculty, staff and student support for the instructional technologies and services listed above. Please contact Distance Education Support at online@apsu.edu, 931-221-6625, or in McReynolds Building Room 216 by appointment. Regular business hours are Monday-Friday, 8:00am-4:30pm. The Distance Education website, www.apsu.edu/online, has a wealth of information including an introduction to online courses guide, technology training resources, and helpful tips.

Majors, Concentrations & Minors

Bachelor of Arts

Art (B.A.)

Location: Art and Design Building, Room 235

Phone: 931-221-7333

Website: www.apsu.edu/art-design/

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360 and
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: : Secondary Education.

Program CIP Code

30.50.0701.00

Concentrations

- Art Education Concentration
- Art History Concentration
- Studio Art Concentration

Communication Media (B.A.)

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

Website: www.apsu.edu/communication/

Description of Major

Three concentrations are available to students under the Communication Media major. Students are offered a wide array of courses leading to successful careers in Broadcast Media, Journalism, and Sports Communication.

Program CIP Code

05.09.0401.00

Concentrations

- Broadcast Media Concentration B.A.
- Journalism Concentration B.A.
- Sports Communication Concentration B.A.

English (B.A.)

College of Arts and Letters Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The English major, leading to the B.A. degree, provides the foundations for a variety of careers.

Our classes will guide you through the breadth of literature and beyond. Language is a powerful tool; we will teach you the critical approach to language and how it has always shaped the world.

Instead of asking what you can do with an English major, it is better to ask, "What can't you do with an English major?" The skills you learn in our English courses help prepare you for countless careers, to include, but not limited to: Literary Agent, Author, Critic, Legal Researcher, Librarian, Reporter, Science Writer, Campaign Manager, Public Relations Manager, Social Media Manager, Teacher, Professor, Content Creator etc.

Program CIP Code

15.23.0101.00

Concentrations

- English Major
- English Education Concentration
- Professional, Technical, and Creative Writing Concentration

World Languages (B.A.)

Dr. Beatrix Brockman

Chair, Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Department of Languages and Literature offers a World Languages Major with concentrations and minors in Classical Civilization, Classical Languages, French, German, Greek, Latin, and Spanish.

For students wishing to become World Language Teachers, we recommend pursuing the BA in World Languages, followed by an MAT (Master of Arts in Teaching) to obtain licensure in Tennessee. Alternatively, there is embedded teacher training for licensure; please contact Dr. Katherine Honea for more information: honeak@apsu.edu

An oral or, in the case of ancient languages, written proficiency exam and a portfolio are graduation requirements for all World Language majors. Students must see their advisor for more information. A minor is required.

Program CIP Code

10.16.0101.00

Concentrations

- Classical Cultures Concentration
- Classical Languages Concentration
- French Concentration
- German Concentration
- Spanish Concentration

History (B.A.)

Location: Harned Hall, Room 340

Phone: 931-221-7919

Website: www.apsu.edu/history

Description of Major

Graduates in History can pursue any number of careers. Only about 1/3 of our graduates follow careers in education, many have careers in management in various fields. Some continue their education and attend graduate school.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: Secondary Education.

Program CIP Code

28.54.0101.00

Concentrations

- History Major B.A.
- History Education with Licensure Concentration B.A.

Music (B.A.)

Location: Music/Mass Communication Bldg, Room 139

Phone: 931-221-7818

Website: www.apsu.edu/music

Accreditation

Austin Peay State University is a fully accredited member of the National Association of Schools of Music.

Requirements

Audition - All prospective music majors (including TN Promise students who intend music as their academic interest) must audition and be accepted by the Department of Music prior to declaring the major or academic interest. The audition consists of three components:

1. Performance: Usually two contrasting selections that showcase your abilities. Specific audition requirements can be found at the following URL: <https://www.apsu.edu/music/undergraduate/auditions>

2. Interview: An informal conversation with the audition committee so we can learn more about you.

3. Music Skills Assessment: All incoming music majors (including TN Promise students with a music academic interest) are required to take the Music Skills Assessment (MSA). The MSA is usually taken at the time of audition. If admitted into the department, students whose scores do not meet departmental standards are required to pass MUS 1040 (Intro to Music Theory 1) and MUS 1050 (Intro to Music Theory 2) with a C or better before beginning the curricular music theory and ear training course sequence.

Transfer Students - Students transferring from another institution must take the Music Skills Assessment in music theory prior to the start of the first semester at Austin Peay. Placement in music theory will depend upon the results of this examination. The transfer student's placement in applied music must be approved during the jury examination at the end of the first semester at APSU.

Ensembles - A student majoring in music should participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium. A student receiving a performance scholarship majoring in music must participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium.

Area	Appropriate Large Ensemble
Woodwind, Brass & Percussion	Determined by Audition • Wind Ensemble or Symphonic Band
Orchestral Strings	Orchestra
Guitar	Guitar Ensemble
Voice	Determined by Audition • University Choir, Governor's Singers, or Chamber Singers
Keyboard	Liberal Studies Concentration • One semester of vocal or instrumental ensemble • Seven semesters of Piano Ensemble (currently listed as Chamber Ensemble)

Marching Band - BA students who choose to participate in marching band will enroll in 1-credit marching band, and will receive an athletic band scholarship for participation.

Recital Attendance - All music majors are required to accumulate eight semesters of MUS 1060 (Recital Attendance) with a grade of P (Passing) with the exception of music education majors who are required to obtain seven semesters due to student teaching requirements. A passing grade is earned by attending a predetermined number of recitals and programs sponsored or approved by the Department of Music.

Junior Level Exam - Music majors must pass a Junior Level Examination, ordinarily scheduled at the end of the sophomore year, before enrolling in upper division (3xxx level) Applied Instruction and ensembles. A minimum of three (3) semesters of upper division (3xxx level) instruction are required prior to the Senior Recital. Students whose background in performance is deficient may be required to take more than the usual amount of credits at the lower division level. Upper division credit in performance is granted only after the student passes the Junior Level Examination. See Student Manual for area-specific requirements.

Piano Proficiency - The piano proficiency examination is required for all music majors. Students in a music education concentration must complete the Piano Proficiency before the Clinical Teaching Semester. In all other concentrations, the piano proficiency must be completed before you will be permitted to register for your Senior Recital.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Music](#).

Program CIP Code

30.50.0901.00

Concentrations

- Liberal Studies Concentration B.A.

Philosophy and Religion (B.A.)

Department of History and Philosophy

Location: Harned Hall, Room 340

Phone: 931-221-7919

Website: www.apsu.edu/history-and-philosophy/philosophy-programs/index.php

Description of Major

The Philosophy and Religion major consists of three concentrations: Philosophical Studies, Religious Studies, and Ethics, Law, and Political Theory. The Philosophy and Religion curriculum is designed to encourage students to think critically and creatively about human existence and the nature of reality. It emphasizes (1) training in critical reasoning and logical analysis; (2) an understanding of the many methods of human inquiry; (3) a survey of the history of philosophy and the history of ethics; (4) the analysis and appreciation of values and their application to moral and political issues; (5) a reflective and tolerant exploration of religion; and (6) the growth of a personal philosophy based on the lifelong search for and appreciation of truth, knowledge, goodness, and beauty.

The Philosophy and Religion Major is good background for most any career area or graduate study option. The degree is sought after by many businesses as an indicator of analytical ability. Philosophy Majors are among the highest scorers of any major on standardized tests. The Religious Studies curriculum is good background for anyone with an interest in the world religions and religious issues or considering a career in religion. The Ethics, Law and Political Theory concentration is especially good background for law school or work in government.

Program CIP Code

24.38.0101.00

Concentrations

- Ethics, Law and Political Theory Concentration B.A.
- Philosophical Studies Concentration B.A.
- Religious Studies Concentration B.A.

Political Science (B.A.)

Department of Political Science and Public Management

Location: Clement Bldg., Room 143

Phone: 931-221-7515

Website: www.apsu.edu/polysci

Description of Major

The Political Science program is designed for students who want to work in campaigns and government; teach government and history in high school; or who want a traditional liberal arts major which prepares them to think critically and enter a wide variety of business and other nongovernmental organizations. Courses cannot be counted in both the major and minor. A departmental exit exam is required the last semester before graduation.

* For this degree a student must complete at least 39 hours upper division (3000-4999) credit hours.

* Six hours of foreign language at the intermediate-level are required for the B.A. degree. Students may be required to enroll in elementary-level, foreign language classes to satisfy the prerequisites for intermediate-level foreign language classes.

Program CIP Code

28.45.1001.00

Major

- Political Science Major B.A.

Professional Communication (B.A.)

Department of Communication

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

Website: www.apsu.edu/communication/

Description of Major

Three concentrations are available to students under the Professional Communication major. Students are offered a wide array of courses leading to successful careers in Corporate Communication, Public Relations and Information Specialist. The skills gained in these concentrations are highly sought after by employers and are valuable in a variety of career paths outside the field of communication.

Program CIP Code

05.09.0102.00

Concentrations

- Corporate Communication Concentration B.A.
- Information Specialist Concentration B.A.
- Public Relations Concentration B.A.

Theatre Arts (B.A.)

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

Description of Major

The B.A. in Theatre Arts is a Liberal Arts Degree. Each concentration in the B.A. Theatre Arts degree program will consist of 36 hours in the major and is designed to be accompanied by a second major or minor. Admission to this program will be open to all. In addition to this degree, the Department of Theatre and Dance also offers a Theatre Minor and Dance Minor.

Admission Criteria:

Scholarships are only awarded to students who have been officially admitted by the university. BA students seeking departmental scholarships must audition. At the time of audition, students must submit the following: Resume, Head shot and Two letters of recommendation. More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook: www.apsu.edu/theatre-dance.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: Theatre and Dance.

Program CIP Code

30.50.0501.00

Concentrations

- Dance Concentration B.A.
- Theatre Concentration B.A.

Bachelor of Business Administration

Accounting (B.B.A.)

Chair: Dong Nyonna, Ph.D.

Location: Kimbrough Bldg., Room 234

Phone: 931-221-7578

Email: nyonnad@apsu.edu

Website: <http://www.apsu.edu/business>

Description of Major

Accounting provides the information necessary for evaluating the present and planned activities of complex organizations. It includes diverse services to individuals, business entities, and governments at all levels. Professional accountants develop and apply their skills in auditing, taxation, management policy, information systems, computer operations, and many other areas. As a result, accounting is currently a leading growth profession throughout the world. With instant communication facilities, easy international travel, and expanding world trade, accounting services have grown in scope and importance. Many Certified Public Accountant (CPA) firms and companies have extensive international operations.

New concepts and techniques are constantly being developed. The use of electronic data processing systems has relieved accountants of many of the routine tasks which were formerly performed manually. At the same time, the computer has increased the demand for skilled accountants to assist management in analyzing and summarizing the massive amounts of data generated. The computer has greatly increased accounting's effectiveness and has created new opportunities and challenges.

Career Opportunities in Accounting

Professional accounting careers are open to men and women of all nationalities and creeds. Success requires motivation, a commitment to service, and skill in communication and analysis. Also important are the abilities to work well with others, to think abstractly, and to solve problems systematically.

The presidents and board chairs of many of the nation's largest corporations are accountants. Other business leaders with accounting backgrounds include financial vice presidents, treasurers, controllers, budget directors, internal auditors, cost analysts, and tax specialists.

Few career fields offer as wide a variety of positions as accounting. Every institution, regardless of its size or organization, has an accounting function and requires the services of skilled professionals. Three primary career paths are discussed below.

- **U.S. Department of Labor** - Accounting/Auditors
- **Public Accounting** - About half of the nation's CPAs work in the field of public accounting. CPAs work for both large and small firms, offering their services to businesses, industries, and individuals who contract for their services on a fee basis. The principal specialties within public accounting are:
 - **Auditing** - CPAs examine clients' financial statements and express a professional opinion on the fairness of the presentation. Investors, consumers, creditors, and other interested parties rely on accountants' opinions in using the audited financial statements for making decisions.
 - **Tax Advisory Services** - Tax accountants have broad responsibilities, including tax advice and planning, preparing tax returns and supporting documents, representing clients before governmental agencies, and helping clients comply with tax laws.
 - **Management Advisory Services** - Companies engage independent CPAs for assistance on such matters as devising reporting systems for better control and decision making, installing cost accounting systems or computer operations, improving production control mechanisms, and developing organizational plans and defining duties and responsibilities.

- **Management Accounting** - Management accountants are trained to determine the financial effects of contemplated management actions to achieve the objectives of an organization. Management accountants' responsibilities include preparing records and reports on which operational planning and control depend. These reports and analyses are essential ingredients of most decisions about finance, investments, and pricing policies. Management accountants participate in virtually every phase of business problem solving and decision making and are usually members of the top management group.
- **Not-for-Profit Accounting** - The need for financial measurement, reporting, and control over the activities of governmental, educational, religious, and charitable agencies is now fully recognized. The public sector of our economy has grown greatly in the last quarter century. Noncommercial organizations, as they become more affected by inherent requirements for financial reporting and controls, need professional accountants.

The federal government hires accountants in many of its agencies, such as the Internal Revenue Service, the FBI, General Accounting Office, and the Defense Contract Audit Agency. The Internal Revenue Service, among other things, audits individual and company tax returns. The General Accounting Office is the audit arm of the U.S. Congress; it assists in investigations to determine policy compliance and performs a broad range of other activities. The Defense Contract Audit Agency concentrates on audits of defense contractors and their operations. Additional career possibilities are found in college and university teaching and in providing private consultation services.

Program CIP Code

32.52.0301.00

Major

- Accounting Major

Finance (B.B.A.)

Chair: Dong Nyonna, Ph.D.

Location: Kimbrough Bldg., Room 234

Phone: 931-221-7578

Email: nyonnad@apsu.edu

Website: <http://www.apsu.edu/business>

Description of Major

Finance can be defined as the art and science of managing money. The field of finance is integral to almost every facet of business enterprise. It is also a vital aspect of government operations and has an effect on our daily lives. Virtually all organizations and individuals raise money and decide how to spend and invest it. Finance is concerned with the entire process of obtaining the money that organizations or individuals need, and spending and investing that money in the most efficient manner. No minor is required.

Program CIP Code

32.52.0801.00

Concentrations

- Finance Major
- Banking Concentration
- Economics Concentration
- Real Estate Concentration

Management (B.B.A.)

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

The Management program is recommended for those students who are interested in a career in which they organize people and resources to accomplish goals and objectives. Students from the management program may obtain jobs that include retail manager, human resource specialist, management trainee, entrepreneur, restaurant or hospitality manager, loan administrator, or straight-line supervisor. No minor is required.

Program CIP Code

32.52.0201.00

Concentration

- Management Major
- Hospitality Management Concentration
- Human Resources Management Concentration

Marketing (B.B.A.)

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

The marketing program is a great fit for students who are interested in a career in which they use creative and innovative skills, in conjunction with research, to identify and satisfy the needs and desires of individual and organizational buyers. Students from the marketing program can obtain jobs that include advertising specialist, researcher, sales person, public relations manager, event planner, and promotions specialist. No minor is required.

Program CIP Code

32.52.1401.00

Major

- Marketing Major

Bachelor of Fine Arts

Art (B.F.A.)

Location: Art and Design Building, Room 235

Phone: 931-221-7333

Website: www.apsu.edu/art-design/

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360 and
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Program CIP Code

30.50.0701.00

Concentrations

- Animation and Visual Effects Concentration BFA
- Graphic Design Concentration BFA
- Studio Art Concentration BFA

Theatre Arts (B.F.A.)

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The B.F.A. in Theatre Arts is a Professional Degree. Each concentration in the B.F.A. Theatre Arts degree program will consist of 62 hours in the major.

Acceptance in the B.F.A. program is through audition-only. Most Theatre and Dance classes are restricted to B.F.A./B.A. majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance.

In addition to this degree, the Department of Theatre and Dance also offers a B.A. in Theatre Arts with concentrations in Dance and Theatre, a Theatre Minor, and a Dance Minor.

Admission Criteria Entrance into the B.F.A.

Theatre Arts program and scholarship consideration is by way of a successful audition and/or portfolio review and interview.

At the time of audition, B.F.A. Theatre Arts students must submit the following:

- Resume
- Headshot
- Two Letters of Recommendation
- Up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

At the time of audition, Design and Stage Management students must submit the following:

- Resume
- Personal Photo or Headshot
- Two Letters of Recommendation and
- Up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

Students are eligible for Scholarship consideration once they have officially been admitted by the university. Students must maintain a minimum 3.0 GPA in the major and 2.5 overall GPA to continue in the program. If a student's GPA falls below a 3.0 in the major, it will result in the student being placed on probation the following semester. Probation may result in ineligibility for casting or other department production positions and will entail being ineligible for departmental sponsored travel. If grades do not improve the student may be released from the program. Continuation in the program requires an Annual Review. Negative reviews may lead to probation or dismissal from the program.

Production Audition Requirements:

- All B.F.A. Acting students must audition for every main stage play and musical.
- All B.F.A. Musical Theatre students must audition for every main stage play, musical and dance concert.
- All B.F.A. Dance students must audition for every main stage musical and dance concert.
- Although B.F.A. Design and Stage Management students are encouraged to audition for main stage productions, they will often be assigned a design, management, or technical role for a production.

Failure to fulfill these audition requirements will result in being placed on probation and may lead to dismissal from the program.

More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook:
www.apsu.edu/theatre-dance

Program CIP Code

30.50.0501.00

Concentrations

- Acting Concentration B.F.A.
- Dance Concentration B.F.A.
- Design Concentration B.F.A.
- Musical Theatre Concentration B.F.A.
- Stage Management Concentration B.F.A.

Bachelor of Music

Music (B.M.)

Location: Music/Mass Communication Bldg, Room 139

Phone: 931-221-7818

Website: www.apsu.edu/music

Accreditation

Austin Peay State University is a fully accredited member of the National Association of Schools of Music.

Requirements

Audition - All prospective music majors (including TN Promise students who intend music as their academic interest) must audition and be accepted by the Department of Music prior to declaring the major or academic interest. The audition consists of three components:

1. Performance: Usually two contrasting selections that showcase your abilities. Specific audition requirements can be found at the following URL: <https://www.apsu.edu/music/undergraduate/auditions>

2. Interview: An informal conversation with the audition committee so we can learn more about you.

3. Music Skills Assessment: All incoming music majors (including TN Promise students with a music academic interest) are required to take the Music Skills Assessment (MSA). The MSA is usually taken at the time of audition. If admitted into the

department, students whose scores do not meet departmental standards are required to pass MUS 1040 (Intro to Music Theory 1) and MUS 1050 (Intro to Music Theory 2) with a C or better before beginning the curricular music theory and ear training course sequence.

Transfer Students - Students transferring from another institution must take the Music Skills Assessment in music theory prior to the start of the first semester at Austin Peay. Placement in music theory will depend upon the results of this examination. The transfer student's placement in applied music must be approved during the jury examination at the end of the first semester at APSU.

Ensembles - A student majoring in music should participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium. A student receiving a performance scholarship must participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium.

Area	Appropriate Large Ensemble
Woodwind, Brass & Percussion	Determined by Audition • Wind Ensemble or Symphonic Band
Orchestral Strings	Orchestra
Guitar	Guitar Ensemble
Voice	Determined by Audition • University Choir, Governor's Singers, or Chamber Singers
Keyboard	Instrumental/K-12 General Music Concentration • Two semesters of Marching Band (zero credit) • Two semesters chosen from Symphonic Band, Wind Ensemble, Jazz Combo, or Orchestra • Fivesemesters of Piano Ensemble (currently listed as Chamber Ensemble) Choral/K-12 General Music Concentration • Four semesters of appropriate choral ensembles chosen from Governor's Singers, Chamber Singers, or University Choir • Three semesters of Piano Ensemble (currently listed as Chamber Ensemble) Performance Concentration • One semester of vocal or instrumental ensemble • Seven semesters of Piano Ensemble (currently listed as Chamber Ensemble) BM Music Therapy • Seven semesters of ensembles chosen from Choir, Symphonic Band, Wind Ensemble, Jazz Combo, Orchestra, and Piano Ensemble (currently listed as Chamber Ensemble). At least one semester must be vocal ensemble.

Marching Band Requirements: Woodwind, brass, and percussion students in the Instrumental/K-12 General Music Concentration are required to participate in two fall semesters of 0-credit Marching Band (usually in the freshman and sophomore years). Additional semesters of marching band may be taken for 1 credit each, and the student will receive an athletic band

scholarship for participation. Students in all other concentrations who elect to participate in marching band, including non-music majors, will enroll in 1-credit marching band, and will receive an athletic band scholarship for participation.

Recital Attendance - All music majors are required to accumulate eight semesters of MUS 1060 (Recital Attendance) with a grade of P (Passing) with the exception of music education majors who are required to obtain seven semesters due to student teaching requirements. A passing grade is earned by attending a predetermined number of recitals and programs sponsored or approved by the Department of Music.

Junior Level Exam - Music majors must pass a Junior Level Examination, ordinarily scheduled at the end of the sophomore year, before enrolling in upper division (3xxx level) Applied Instruction and ensembles. A minimum of three (3) semesters of upper division (3xxx level) instruction are required prior to the Senior Recital. Students whose background in performance is deficient may be required to take more than the usual amount of credits at the lower division level. Upper division credit in performance is granted only after the student passes the Junior Level Examination. See Student Manual for area-specific requirements.

Piano Proficiency - The piano proficiency examination is required for all music majors. Students in a music education concentration must complete the Piano Proficiency before the Clinical Teaching Semester. In all other concentrations, the piano proficiency must be completed before you will be permitted to register for your Senior Recital.

Music Education Majors - Music Education majors with instrumental specialization must pass the following proficiency examinations: Strings; Woodwinds; Brass; and Percussion.

Vocal Performance - Students enrolled in the vocal emphasis of the Music Performance concentration must complete two semesters of elementary foreign language.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Music](#).

Program CIP Code

30.50.0901.00

Concentrations

- Composition Concentration
- Guitar Performance Concentration
- Instrumental Performance Concentration
- Keyboard Performance Concentration
- Music Education (Instrumental/K-12 General Music) Concentration
- Music Education (Choral/K-12 General Music) Concentration
- Music Therapy Concentration
- Vocal Performance Concentration

Bachelor of Science

Aviation Science, (B.S.)

Clarksville Regional Airport, Hangar 5
220 Outlaw Field Road Clarksville, TN 37042
Phone: 931-221-1494
Program Contact: Charles Weigandt
Email: weigandtc@apsu.edu
Website: www.apsu.edu/engineering-technology

Program CIP Code

29.49.0102.00

Concentrations

- Rotor-Wing Concentration

Biology (B.S.)

Location: Sundquist Science Complex, Room D125
Phone: 931-221-7781
Website: www.apsu.edu/biology/index.php

Description of Major

Austin Peay State University's Department of Biology provides an intellectual and motivational environment for career development in many areas of biology. Students can pursue training in field biology, botany, zoology, animal and plant physiology, microbiology, molecular genetics, and environmental assessment.

While a minor is not required for a Biology major, students pursuing a career in a Pre-Professional Health program are encouraged to consult with their academic advisor and complete the Pre-Professional Health minor.

Mission Statement

To educate students to become competent, confident, and compassionate individuals within their chosen careers. The Department of Biology faculty are committed to providing instructional and research experiences for students to develop skills of inquiry, abstract and logical thinking and critical analysis of natural science phenomena. The Department is also committed to meeting the needs of students by providing an array of professional, pre-professional and academic tracks.

Vision Statement

The Biology Department's vision is to prepare students to enter the scientific community as responsible, productive professionals, capable of effective communication in both oral and written form.

Program CIP Code

18.26.0101.00

Major

- Biology Major
- Ecology, Evolution, and Organismal Biology Concentration
- Medical, Cellular, and Molecular Biology Concentration

Chemistry (B.S.)

Location: Sundquist Science Complex - A308

Phone: 931-221-7628

Website: www.apsu.edu/chemistry

The Department of Chemistry at Austin Peay State University is nationally certified by the American Chemical Society, devoted to student success, and prepares students for a wide variety of career options. Our mission is to educate students to think independently and critically, ethically apply chemical concepts and principles to better understand and navigate a diverse scientific world, and help them to become scientifically literate. We use innovative pedagogical and research strategies to engage students and cultivate a passion for chemistry and scientific learning.

Graduates directly enter the workforce as highly skilled chemists or teachers, or pursue further education upon entrance to professional schools, including graduate programs in chemistry, medical schools, pharmacy schools, and dental schools.

Program CIP Code

25.40.0501.00

Concentrations

- Chemistry Major
- Biochemistry Concentration
- Professional Chemistry Concentration

Communication Media (B.S.)

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

Website: www.apsu.edu/communication/

Description of Major

Three concentrations are available to students under the Communication Media major. Students are offered a wide array of courses leading to successful careers in Broadcast Media, Journalism, and Sports Communication.

Program CIP Code

05.09.0401.00

Concentrations

- Broadcast Media Concentration B.S.
- Journalism Concentration B.S.
- Sports Communication Concentration B.S.

Computer Information Systems (B.S.)

Location: Maynard Mathematics and Computer Science Building 206

Phone: 931-221-7840

Website: <http://www.apsu.edu/csci/index.php>

Description of Major

The Computer Information Systems major prepares students to work in technical but applied areas of computing. While maintaining an emphasis on programming, it addresses several areas of application, including systems development and cybersecurity.

Program CIP Code

06.11.0501.00

Concentrations

- General Information Systems Concentration
- Cybersecurity Concentration

Computer Information Technology (B.S.)

Location: Maynard Mathematics and Computer Science Building 206

Phone: 931-221-7840

Website: <http://www.apsu.edu/csci/index.php>

Description of Major

The Computer Information Technology major prepares students for a career in certain professional job tracks within the information technology field. These tracks include Web administrator, database administrator, and network administrator.

Program CIP Code

06.11.0103.00

Concentrations

- Computer Networking Concentration
- Web and Database Concentration

Computer Science (B.S.)

Location: Maynard Mathematics and Computer Science Building 206

Phone: 931-221-7840

Website: www.apsu.edu/csci

Program Description

The Department of Computer Science and Information Technology offers a Bachelor of Science degree with a major in Computer Science. The Computer Science major covers the technical areas of computing with an emphasis on programming and algorithm design. It includes a significant mathematics component. It has three concentrations: Computer Theory and Systems, Intelligent Robotics, and Software Engineering.

Program CIP Code

06.11.0701.00

Concentrations

- General Computer Science Concentration
- Software Engineering Concentration

Criminal Justice (B.S.)

Location: Clement Bldg., Room 108

Fort Campbell Center, Bldg. 203, Room 211

Phone: 931-221-1480

Email: criminaljustice@apsu.edu

Website: www.apsu.edu/criminal-justice

Description of Major

The Criminal Justice degree will prepare a student for a successful career in a growing field. This program is designed for students who want to work in law, law enforcement, corrections, victim advocacy, social services, or governmental organizations. Students will receive instruction on the current issues in the subject as well as a broad understanding of theory and practice in the field discipline. The major covers important foundation areas, including the basics of the system, research methods, theory, and law, but also instructs students on more specific coursework in crime and deviance, the institutions and processes of criminal justice, and courts and law. For this degree a student must complete at least 33 upper division (3000-4999) credit hours. A departmental exit exam is required the last semester before graduation for all criminal justice majors. For those interested in Homeland Security fields, the Criminal Justice Major has an optional Homeland Security Concentration within the Criminal Justice Degree. The demand for personnel educated in the highly specialized field of homeland security has escalated steadily since 9/11, with career opportunities in city, county, state and federal law enforcement agencies and/or private businesses and industries.

Program CIP Code

27.43.0103.00

Programs

- Criminal Justice Major
- Homeland Security Concentration

Earth and Environmental Sciences (B.S.)

Location: McCord Bldg., Room 203

Phone: 931-221-7454

Website: <http://www.apsu.edu/ees>

The Department of Earth and Environmental Sciences offers a Bachelor of Science in Earth and Environmental Sciences with two concentrations, Geology and Geography that prepare students for working in a diversity of Geosciences specialties such as the geological sciences, environmental hazards, geographic information science, and global environment and development. In addition, we also offer minors in Geology, Geography, GIS and Water Resources Management.

The Geography concentration prepares students for a holistic examination of the Earth including ecosystem and atmospheric processes, natural hazards, and environmental management, relationships between nature and society, and understanding relationships between events around the world that cause changes to both in natural and socio-economic systems. Coursework will discuss topics such as spatial analysis, environmental protection, global security, international cooperation and regional development that ensure that students will become better stewards of the planet. Geography is interdisciplinary and offers diverse

career opportunities in areas such as environmental management, disaster management and response, regional and economic development, careers abroad, and geographic information systems.

The Geology concentration encompasses the broad study of materials of the earth and processes that affect them as well as the evolution of life and its impact on earth materials and processes. Earth processes include volcanism, plate tectonics, earthquakes, landslides, and ground and surface water migration. Geologists utilize their knowledge to identify and assess environmental hazards such as a ground and surface water contamination, land surface stability, and volcanic and earthquake activity.

Knowledge of earth processes also helps the geologist understand the formation occurrence, and extraction of natural resources such as water, oil and gas, and valuable minerals and metals. Geology is a great field of study for students who enjoy blending the outdoor physical environment with science. With consultation of a faculty advisor, our program prepares students for jobs in the geological sciences in private industry, state, and federal government, and teaching, or for entrance into graduate school in the Geosciences. Our graduates are successfully employed in the environmental field and in the exploration or production of natural resources. The Bachelor of Earth and Environmental Sciences with a concentration in Geology prepares students for state licensure to practice in the state of Tennessee.

Program CIP Code

25.40.0601.00

Concentrations

- Geography Concentration
- Geology Concentration

Education, (B.S.)

Location: Claxton, 210

Phone: 931-221-7696

Website: www.apsu.edu/educ/

Description of Major

To Teach Grades K-5, Middle Grades Math 6-8, Middle Grades Science 6-8, or Pre - K-3

This curriculum is designed for, but not limited to, students who are preparing to teach elementary grades (K-5), middle grades (6-8), or Early Childhood, PreK-3. For those seeking a teaching license, the program consists of a unique General Education core, a major in the specific grade level education program, and a minor in Professional Education. Students will Student Teach during their final semester. Students are required to have a GPA of 2.75 for acceptance into the College of Education. All EDUC course require a grade of C or better. Students are required to successfully complete all four program Transition Points prior to graduation.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link:

K-5 and Middle Grades Handbook

PreK-3 Handbook

Program CIP Code

08.13.1206.00

Concentrations

- 6-8 Middle Grades (Science) Concentration
- 6-8 Middle School (Math) Concentration
- 6-8 Middle School (Social Studies) Concentration
- 6-12 Secondary Biology Education Concentration
- 6-12 Secondary Chemistry Education Concentration
- 6-12 Secondary Earth Science Education Concentration
- Education Non-Licensure Concentration
- K-5 Licensure Program Concentration
- PreK-3 Concentration

Engineering Technology (B.S.)

Austin Peay Center at Fort Campbell

Phone: 931-221-1470

Email: tamayom@apsu.edu

Description of Major

Engineering Technology is a multi-discipline major with industry specific concentrations in Electronics (AAS; ETAC of ABET accredited), Electrical (BS, 2+2; ETAC of ABET Accredited), Manufacturing (BS; ETAC of ABET accredited), Mechanical (BS; ETAC of ABET accredited), and Mechatronics (BS). Each concentration has been designed to meet the needs of regional, and national industry relative to the specific concentration.

Program CIP Code

09.15.0000.00

Concentrations

- Electrical Engineering Technology Concentration
- Manufacturing Engineering Technology Concentration
- Mechanical Engineering Technology Concentration
- Mechatronics Engineering Technology Concentration

General Agriculture (B.S.)

Location: Sundquist Science Complex, Room D232

Phone: 931-221-7272

Website: www.apsu.edu/agriculture/index.php

Description of Major

The Department of General Agriculture at Austin Peay State University is part of the College of Science and Mathematics. The department, including faculty offices and classrooms, is housed in the Sundquist Science Complex. The department currently has four full-time faculty members and three adjunct faculty members, with approximately 250 agriculture majors including those in the pre-professional programs. The department oversees the 440-acre Farm and Environmental Education Center, which is located three miles from the main campus which has a \$1.2 million Animal Science teaching facility. The FEEC is used by the department for laboratories, field trips, and land-judging contests. Private farms and agriculture industries also are used to support classroom learning activities.

Career Opportunities

A recent national study predicts a shortage of college graduates in agriculture in the areas of management and science. Graduates with management and financial skills will be in demand. Agri-business, government agencies and related industries need managers and technicians who can communicate with farmers. Graduates who broaden their agricultural experiences with courses in business and computers can enhance their opportunities for employment in agriculture. The agri-business and agri-science concentrations especially are designed for this type of opportunity. Graduates from the department also are regularly accepted at many different graduate schools such as Clemson University, Mississippi State, Penn State, University of Georgia, University of Kentucky, University of Tennessee and others.

Students majoring in Agriculture will select one of six concentrations: Agri-Business, Agri-Science, Agri-Communications, PreVeterinary Medicine, Sustainable Development or Veterinary Technology. In each case, a strong broad-based understanding of American agriculture will be developed.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Veterinary Technology](#).

Program CIP Code

01.01.0000.00

Concentrations

- Agri-Business Concentration
- Agri-Communication Concentration
- Agri-Science Concentration
- Pre-Veterinary Medicine Concentration
- Sustainable Development Concentration
- Veterinary Technology Concentration

Health and Human Performance (B.S.)

Location: Dunn Center, Room 268

Phone: 931-221-6111

Website: www.apsu.edu/hhp/

Description of Major

The Department of Health and Human Performance offers two majors: B.S. in Health and Human Performance (HHP) or B.S. in Kinesiology. The B.S. in HHP offers concentrations in Communication Sciences and Disorders, Health Care Management, K-12 Teaching, Public Health, and Sport and Wellness Specialist. The B.S. in Kinesiology offers two concentrations in Exercise Science or Pre-Professional. A minor is available in Coaching, Health, Physical Education, and Recreation. All students completing a major in Health and Human Performance must take the University Senior Exit Exam and the HHP Senior Exit Exam during the last semester of study at the University.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [K-12 Physical Education Teaching](#).

Program CIP Code

22.31.0501.00

Concentrations

- Communication Sciences and Disorders Concentration
- Health Care Management Concentration
- K-12 Physical Education Teaching Licensure
- Public Health Concentration
- Sport and Wellness Specialist Concentration

History (B.S.)

Location: Harned Hall, Room 340

Phone: 931-221-7919

Website: www.apsu.edu/history

Description of Major

Graduates in History can pursue any number of careers. Only about 1/3 of our graduates follow careers in education, many have careers in management in various fields. Some continue their education and attend graduate school.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Program CIP Code

28.54.0101.00

Concentrations

- History Major B.S.
- History Education with Licensure Concentration B.S.

Kinesiology (B.S.)

Location: Dunn Center, Room 268

Phone: 931-221-6111

Website: www.apsu.edu/hhp/

Program Description

The Bachelor of Science in Kinesiology offers two concentrations; Exercise Science and Pre-professional. Both concentrations will prepare students to sit for the Exercise Physiologist Certification through the American College of Sports Medicine, the Certified Strength and Conditioning Specialist test through the National Strength and Conditioning Association, and prepare students for graduate study in Kinesiology or Exercise Science. The Pre-professional concentration will prepare students to apply for entry into professional programs such as Physical Therapy (PT), Occupational Therapy (OT), and/or Athletic Training.

Program CIP Code

22.31.0505.00

Concentrations

- Exercise Science Concentration
- Pre-Professional Concentration

Leadership Science (B.S.)

Dr. Sue Evans
Chair, Department of Leadership
Professor
Location: Clement 143B
Phone: 931-221-1465 or 931-221-1437
Email: evanss@apsu.edu
Website: www.apsu.edu/leadership

The Bachelor of Science (B.S.) degree with a major in Leadership Science was developed around a conceptual model of leader development that is grounded in the social and behavioral sciences. The major consists of two components - a major core and a concentration. The major core seeks to develop in all students a set of knowledge, skills, and attitudes related to such topics as organizational ethics, cultural diversity, organizational behavior, communications, and strategic planning as these topics relate to leadership. In addition, students will develop the ability to consume primary research articles for insights on leader effectiveness. Lastly, students will have the opportunity to learn more about their own leadership potential and areas for self-development. The department offers two concentrations within the major in Leadership Science - Leading People and Leading Operations. For more information on these concentrations, see the links below.

Program CIP Code

28.45.0101.00

Concentrations

- Leading People Concentration
- Leading Operations Concentration

Mathematics (B.S.)

Department of Mathematics and Statistics
Location: Maynard Mathematics and Computer Science Building, Room 205
Phone: 931-221-7833
Website: www.apsu.edu/mathematics/

The friendly faculty and staff in the Department of Mathematics are dedicated to providing a quality education in mathematics. Mathematics provides elegant and effective tools for solving problems in virtually every area of human endeavor, and is especially appealing to students who like to solve problems. The study of mathematics will enhance your critical thinking skills and provide you with an excellent background for careers in almost any field, including science, engineering, education, law, and medicine.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Mission Statement:

The Department of Mathematics and Statistics is committed to delivering excellent instruction in a student-centered environment to promote life-long learning and a deep understanding of theoretical and applied mathematics. Our goal is to provide students with a foundational knowledge that prepares them for a wide range of mathematics-based careers or graduate programs.

Vision Statement:

We will develop our students' abstract and logical thinking, oral and written communication skills, and ability to apply quantitative techniques to solve real world problems. This goal will be achieved through transformative experiences inside and outside of the classroom.

Program CIP Code

19.27.0101.00

Concentrations

- Actuarial Science Concentration
- Data Science Concentration
- Mathematics Education Concentration
- Mathematics Major
- Statistics Concentration

Music (B.S.)

Location: Music/Mass Communication Bldg, Room 139

Phone: 931-221-7818

Website: www.apsu.edu/music

Accreditation

Austin Peay State University is a fully accredited member of the National Association of Schools of Music.

Requirements

Audition - All prospective music majors (including TN Promise students who intend music as their academic interest) must audition and be accepted by the Department of Music prior to declaring the major or academic interest. The audition consists of three components:

1. Performance: Usually two contrasting selections that showcase your abilities. Specific audition requirements can be found at the following URL: <https://www.apsu.edu/music/undergraduate/auditions>

2. Interview: An informal conversation with the audition committee so we can learn more about you.

3. Music Skills Assessment: All incoming music majors (including TN Promise students with a music academic interest) are required to take the Music Skills Assessment (MSA). The MSA is usually taken at the time of audition. If admitted into the department, students whose scores do not meet departmental standards are required to pass MUS 1040 (Intro to Music Theory 1) and MUS 1050 (Intro to Music Theory 2) with a C or better before beginning the curricular music theory and ear training course sequence.

Transfer Students - Students transferring from another institution must take the Music Skills Assessment in music theory prior to the start of the first semester at Austin Peay. Placement in music theory will depend upon the results of this examination. The transfer student's placement in applied music must be approved during the jury examination at the end of the first semester at APSU.

Ensembles - A student majoring in music should participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium. A student receiving a performance scholarship majoring in music must participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium.

Area	Appropriate Large Ensemble
Woodwind, Brass & Percussion	Determined by Audition • Wind Ensemble or Symphonic Band
Orchestral Strings	Orchestra
Guitar	Guitar Ensemble
Voice	Determined by Audition • University Choir, Governor's Singers, or Chamber Singers
Keyboard	Liberal Studies Concentration • One semester of vocal or instrumental ensemble • Seven semesters of Piano Ensemble (currently listed as Chamber Ensemble)

Marching Band - BS students who choose to participate in marching band will enroll in 1-credit marching band, and will receive an athletic band scholarship for participation.

Recital Attendance - All music majors are required to accumulate eight semesters of MUS 1060 (Recital Attendance) with a grade of P (Passing) with the exception of music education majors who are required to obtain seven semesters due to student teaching requirements. A passing grade is earned by attending a predetermined number of recitals and programs sponsored or approved by the Department of Music.

Junior Level Exam - Music majors must pass a Junior Level Examination, ordinarily scheduled at the end of the sophomore year, before enrolling in upper division (3xxx level) Applied Instruction and ensembles. A minimum of three (3) semesters of upper division (3xxx level) instruction are required prior to the Senior Recital. Students whose background in performance is deficient may be required to take more than the usual amount of credits at the lower division level. Upper division credit in performance is granted only after the student passes the Junior Level Examination. See Student Manual for area-specific requirements.

Piano Proficiency - The piano proficiency examination is required for all music majors. Students in a music education concentration must complete the Piano Proficiency before the Clinical Teaching Semester. In all other concentrations, the piano proficiency must be completed before you will be permitted to register for your Senior Recital.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Music](#).

Program CIP Code

30.50.0901.00

Concentrations

- Liberal Studies Concentration B.S.

National Security Studies (B.S.)

The National Security Studies major will cultivate analytical and critical thinking skills, open opportunities for career advancement, and prepare graduates for further academic endeavors. This major will foster opportunities for the general student body, active duty military personnel, and retired military personnel.

Program CIP Code

28.45.0902.00

Concentrations

- Corporate Security Concentration
- Geographic Information Systems Concentration
- Intelligence Concentration

Philosophy and Religion (B.S.)

Department of History and Philosophy

Location: Harned Hall, Room 340

Phone: 931-221-7919

Website: www.apsu.edu/history

Description of Major

The Philosophy and Religion major consists of three concentrations: Philosophical Studies, Religious Studies, and Ethics, Law, and Political Theory. The Philosophy and Religion curriculum is designed to encourage students to think critically and creatively about human existence and the nature of reality. It emphasizes (1) training in critical reasoning and logical analysis; (2) an understanding of the many methods of human inquiry; (3) a survey of the history of philosophy and the history of ethics; (4) the analysis and appreciation of values and their application to moral and political issues; (5) a reflective and tolerant exploration of religion; and (6) the growth of a personal philosophy based on the lifelong search for and appreciation of truth, knowledge, goodness, and beauty.

The Philosophy and Religion Major is good background for most any career area or graduate study option. The degree is sought after by many businesses as an indicator of analytical ability. Philosophy Majors are among the highest scorers of any major on standardized tests. The Religious Studies curriculum is good background for anyone with an interest in the world religions and religious issues or considering a career in religion. The Ethics, Law and Political Theory concentration is especially good background for law school or work in government.

Program CIP Code

24.38.0101.00

Concentrations

- Ethics, Law and Political Theory Concentration B.S.
- Philosophical Studies Concentration B.S.
- Religious Studies Concentration B.S.

Physics (B.S.)

College of Science, Technology, Engineering, & Mathematics

Department of Physics, Engineering, & Astronomy

Location: Sundquist Science Complex, B332

Phone: (931) 221-6116

Website: www.apsu.edu/physics

The APSU Physics B.S. degree is versatile enough to provide superior preparation for graduate study or a career in a wide variety of physics-related disciplines, from Astrophysics to Engineering to Medical Physics. The program is built around a core of courses that teach you to different "methods" for solving complex problems (experimental, theoretical, and computational) along with a set of physics content courses (mechanics, electricity & magnetism, and quantum mechanics). Its large selection of major electives (18 credit hours) allow the student to tailor the major to exactly the career path in which they are interested. A minor is not required, though a mathematics minor is suggested (3 additional hours in mathematics at the 3000 or higher level required for

a mathematics minor). All upper-level physics courses (3000 or higher) require prerequisites to be passed with a grade of C or better for registration.

Program CIP Code

25.40.0801.00

Programs

- Physics Major
- Astrophysics Concentration

Political Science (B.S.)

Department of Political Science and Public Management

Location: Clement Bldg., Room 143

Phone: 931-221-7515

Website: www.apsu.edu/polysci

Description of Major

The Political Science program is designed for students who want to work in campaigns and government; teach government and history in high school; or who want a traditional liberal arts major which prepares them to think critically and enter a wide variety of business and other nongovernmental organizations. Courses cannot be counted in both the major and minor. A departmental exit exam is required the last semester before graduation.

* For this degree a student must complete at least 39 hours upper division (3000-4999) credit hours.

Program CIP Code

28.45.1001.00

Major

- Political Science Major B.S.

Professional Communication (B.S.)

Department of Communication

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

Website: www.apsu.edu/communication/

Description of Major

Three concentrations are available to students under the Professional Communication major. Students are offered a wide array of courses leading to successful careers in Corporate Communication, Public Relations and Information Specialist. The skills gained in these concentrations are highly sought after by employers and are valuable in a variety of career paths outside the field of communication.

Program CIP Code

05.09.0102.00

Concentrations

- Corporate Communication Concentration B.S.
- Information Specialist Concentration B.S.
- Public Relations Concentration B.S.

Psychological Science (B.S.)

Department of Psychological Science

Location: Clement Bldg., Room 205

Phone: 931-221-7233

Website: www.apsu.edu/psychology

Description of Major

Psychological Science is the science of behavior and mental processes. The objective of the program is to provide the student with a firm foundation in basic psychology. This includes knowledge of basic content areas, as well as the skills fundamental to all areas of psychology. The Department of Psychological Science and Counseling has adopted the APA undergraduate psychology major learning goals and outcomes which cover:

- Knowledge base of psychology
- Scientific Inquiry and Critical Thinking
- Ethical and Social Responsibility in a Diverse World
- Communication
- Professional Development

A student completing the major in psychological science should be able to

- Conduct a search of psychological literature;
- Read and understand journal articles;
- Evaluate hypotheses or theories on the basis of empirical data;
- Design and conduct a research study; and
- Write a paper following APA style.

Psychological Science majors may access a tentative two-year schedule, four-year plan, major & core requirements and the Psychology Undergraduate Handbook at www.apsu.edu/psychology/undergrad.aspx. This list represents the courses as the department hopes to offer them and is provided to help students with long-term planning. Psychological Science majors are required to meet with their advisors during pre-registration to ensure on-course tracking and successful fulfillment of graduation requirements. A departmental exit exam is required the last semester before graduation. August graduates will take the exit exam during May graduation period.

Program CIP Code

26.42.0101.00

Major

- Psychological Science Major

Public Management (B.S.)

Department of Political Science and Public Management

Location: Clement Bldg., Room 143

Phone: 931-221-7515

Website: www.apsu.edu/public-management

Description of Major

The Public Management degree is available at the Clarksville Campus, Ft. Campbell location, and online. Through Austin Peay State University's Public Management program, you will gain the practical work experience -- and technical and managerial skills -- needed to succeed in a variety of leadership roles. Your courses and experiences will prepare you for careers in both public, quasi-public, and nonprofit sectors. In addition to coursework covering topics such as public personnel, public budgeting, organizational theory and behavior, urban planning, policy analysis and sector management, public management majors can choose any of the University's minors or select a concentration in criminal justice or general management. Our students graduate with a solid background in general areas of public management.

Program CIP Code

32.52.0206.00

Major

- Public Management Major

Sociology and Community Development (B.S.)

Department of Sociology and Community Development

Location: McCord Bldg., Room 205

Phone: 931-221-7540

Website: www.apsu.edu/sociology

The Sociology and Community Development major exposes students to the systematic study of society in all of its forms ranging from the interaction of individuals to the dynamics of large organizations. The Sociology and Community Development major emphasizes the theoretical and applied aspects of the field. Students majoring in sociology will be able to apply a sociological perspective in a wide variety of careers in such sectors as research, business, healthcare administration, criminal justice, social services, community health and government. Since the discipline involves investigative skills and working with diverse groups, sociology also provides a valuable foundation for careers in journalism, education, politics, public relations or public administration. Students majoring in sociology are provided the necessary preparation to pursue future graduate work in the social sciences ranging from the M.A. to the Ph.D. and the APSU Department of Sociology and Community Development has a strong track record for placing undergraduates in top graduate programs in sociology and related social science disciplines. All majors are required to complete a departmental exit exam during the semester preceding graduation.

Program CIP Code

28.45.1101.00

Major

- Sociology and Community Development Major

Special Education (B.S.)

Department of Teaching and Learning

Location: Claxton Bldg., Room 304

Phone: 931-221-7518

Website: www.apsu.edu/educ/

Students who major in our K-8 Special Education Interventionist program receive training in working with students with mild/moderate disabilities in today's schools. This program consists on 125 hours of undergraduate coursework in the general education core, professional education minor and the special education major. Throughout the program, students will engage in over 150 hours of field experiences in addition to a full semester of residency II placements (student teaching).

Possible career options:

- Classroom special education teacher (inclusion)
- Special education consultant
- More positions can be identified when under advisement with your academic advisor

Please visit the Special Education handbook for additional program requirements regarding admission, progression, dismissal, and program completion.

Program CIP Code

08.13.1001.00

Concentrations

- K-12 Comprehensive Concentration
- K-8 Interventionist Concentration
- 6-12 Interventionist Concentration

University Studies (B.S.)

Location: Ellington, Room 206

Phone: 931-221-1021

Website: <https://www.apsu.edu/programs/index.php>

Description of Major

The APSU University Studies Major is designed for those who have completed an associate's degree or anyone with 60 earned college credits and who has not completed another bachelor's degree. It is a non-licensure degree option that allows flexibility for students maintaining family, military, and employment obligations and is broad-based to allow for a more individualized approach to degree completion and/or pursuit of two or more minors. The student completes one the following seven concentrations: Education (Non-Licensure), Health, Humanities, Multi-Disciplinary, Organization Administration and Supervision, Social & Behavioral Sciences, and STEM.

Program CIP Code

16.24.0101.02

Concentrations

- Multi-Disciplinary concentration
- Survey of Learning
- Survey of Health Concentration
- Survey of Humanities Concentration

- Survey of Organizational Administration & Supervision Concentration
- Survey of Scientific Thought Concentration
- Survey of Social and Behavioral Sciences

Bachelor of Science in Engineering

Engineering Physics (B.S.E.)

Department of Physics, Engineering, & Astronomy

Location: Sundquist Science Complex, B332

Phone: (931) 221-6116

Website: www.apsu.edu/engineering

Engineering Physics is the interdisciplinary study of physics, mathematics, and engineering with a particular emphasis on developing advanced techniques to solve complex, real-world problems. APSU's Engineering Physics major is accredited by the Engineering Accreditation Commission of ABET. The engineering physics curriculum includes an emphasis on engineering design, while also including more advanced physics than a typical engineering degree. Engineering physicists are well suited to applying new technologies to problems in engineering design and manufacturing where traditional engineering approaches may be inadequate. Engineering physicists typically work in high-tech industrial and manufacturing settings on teams with engineers and engineering technologists to solve real-world design and implementation problems. A minor is not required, though a mathematics minor is suggested (3 additional hours in mathematics at the 3000 or higher level required for a mathematics minor). All upper-level engineering courses (3000 or higher) require prerequisites to be passed with a grade of C or better for registration.

Program CIP Code

09.14.1201.00

Majors

Engineering Physics Major

Bachelor of Science in Medical Laboratory Science

Medical Laboratory Science (B.S.M.L.S.)

Department of Allied Health Sciences

Location: Sundquist Science Complex, Room D232

Phone: 931-221-6455

Website: www.apsu.edu/medical-technology

The Medical Laboratory Science major is recommended for students interested in pursuing a career in the clinical laboratory, biomedical science, forensic science, public health, or medical research. In addition, the Medical Laboratory Science major is excellent preparation for professional or graduate school careers in research or industry. APSU has campus-based and online four-year bachelor's degree programs. There are three concentrations within the degree plan. The concentrations are Biomedical Science, Medical Laboratory Science, and the online MLT to MLS bridge program. The Biomedical Science concentration is designed as both a pre-medical laboratory science degree and for those that decide not to pursue national certification in medical laboratory science. The Medical Laboratory Science concentration is for students accepted to the medical laboratory science senior professional year. It includes both campus-based didactic courses and practical courses at affiliate hospital clinical laboratories. The MLT to MLS concentration is designed as a bridge program for nationally certified MLT to reach the Medical Laboratory Science certification. Upon successful completion of any four-year program, a Bachelor of Science in Medical Laboratory Science (BSMLS) is awarded. A program certificate is awarded for completion of the accredited professional program concentrations in Medical Laboratory Science and MLT to MLS concentrations.

Students must complete a separate admission packet to apply for the senior professional program. Requirements for acceptance include: overall grade point average of 2.5 or higher and generally a "C" or better in science courses, application and essay, coursework completion, official transcripts, and references.

Accreditation

The Medical Laboratory Science (Medical Technology) program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences and approved by the Medical Laboratory Board for the State of Tennessee.

National Accrediting Agency for Clinical Laboratory Sciences
5600 N. River Road
Suite 720
Rosemont, IL 60018-5119
(847)939-3597
(773)714-8880
(773)714-8886 (Fax)
<http://www.naacsls.org>

Tennessee Department of Health
Medical Laboratory Board
Metrocenter Complex
665 Mainstream Drive, 2nd Floor
Nashville, TN 37243
(615)532-5128
1-800-778-4123
<https://www.tn.gov/health/health-program-areas/health-professional-boards/medlab-board.html>

Program CIP Code

31.51.1005.00

Concentrations

- Biomedical Science Concentration
- MLT to MLS Concentration
- Medical Laboratory Science Concentration

Bachelor of Science in Nursing

Nursing (B.S.N.)

Location: McCord Bldg., Room 218

Website: www.apsu.edu/nursing

Dr. Eve Rice

Director

Email: ricem@apsu.edu

Phone: 931-221-7483

Dr. Bettina Shank

Assistant Director

Email: shankb@apsu.edu

Phone: 931-221-6344

Nursing (BSN)

The curriculum leading to the degree of the Bachelor's of Science in Nursing (BSN) includes general education core, nursing pre-requisite courses, and major requirements offered by the School of Nursing. The APSU School of Nursing offers two concentrations for completing the BSN:

- The BSN Nursing major (Pre-Licensure) is offered synchronously on campus and results in educational eligibility for students to apply to take the NCLEX examination for state licensure through the respective state boards of nursing.
- The RN to BSN concentration is designed for Registered Nurses (RNs) who have an active, unencumbered license or new graduates with an associate degree who are eligible for licensure. RNs enrolled in the RN to BSN concentration complete online courses in an asynchronous format available 24 hours a day via the University's web based instructional program.

Once enrolled, students have seven semesters to complete the BSN degree. Extensions may be granted on an individual basis. Students must review their courses of studies with a designated School of Nursing Advisor each semester.

Accreditation

The BSN Program is approved by the Tennessee Department of Health Board of Nursing and the Commission on Collegiate Nursing Education (CCNE). These organizations may be reached at:

Tennessee Board of Nursing

665 Mainstream Dr

Nashville, TN, 37243

<http://www.tn.gov/health/health-program-areas/health-professional-boards/nursing-board.html>

Commission on Collegiate Nursing Education

655 K Street, NW, Suite 750

Washington DC 20001

<http://www.aacnnursing.org/CCNE>

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: Bachelor of Science in Nursing.

Program CIP Code

31.51.3801.00

Concentrations

- RN to BSN Concentration
- Nursing Major

Bachelor of Science in Radiologic Science

Radiologic Science (B.S.R.S.)

Location: Sundquist Science Complex, Room D232

Phone: 931-221-6455

Website: www.apsu.edu/rad-tech

Radiologic Science is more than X-rays and ultrasounds. It's an obligation to physicians who depend on radiographic images to diagnose diseases and injuries. It's a commitment to patients who deserve compassionate care. And if you are ready to become part of a field that saves lives every day, Austin Peay State University's programs in radiography and nuclear medicine technology will set you on the path to success.

Mission Statement

The mission of the Radiologic Science Program is to provide training in the field of imaging science. The goal of the program will be to fulfill the needs of healthcare providers in the community and surrounding regions. Serving people by being a provider requires critical thinking and technical skills to offer the best possible care. To prepare the students to meet these requirements, they are provided with various levels of training. This training includes theory, clinical practice, didactic learning, imaging, and competency testing in the clinical setting. Upon successful completion of the program, graduating students will be prepared to meet the requirements for an entry-level position in radiology.

General Information

Admissions to Austin Peay does not guarantee acceptance to Radiologic Technology Programs (Radiography or Nuclear Medicine). These programs are very competitive, and only a limited number of students are admitted each year.

Applications are due February 28th of the year prerequisites are completed.

In order to apply, the student must:

Be admitted to Austin Peay State University.

Complete and submit the application by the application deadline. Only completed applications will be considered for admission.

Radiography applicants must complete 24 observation hours in a radiography department prior to application.

Have completed prerequisite courses, maintaining a calculated GPA above 2.5.

Further admission requirements (for ranking of applicant pool):

CALCULATED GPA: A minimum calculated GPA of 2.5 on a 4.0 scale.

Grades for general education core and radiologic technology prerequisite courses will be used to calculate the GPA for admission.

If a student attempts a course more than once, the grades from every attempt will be used to calculate the admission GPA.

All general education core and radiologic technology prerequisites must be completed prior to starting radiologic technology courses. If a conditionally accepted student fails to successfully complete all prerequisite courses with a "C" or better ("B" or better in Chem 1010/1011, 1020/1021, Phys 1010/1011, 1020, 2021) the student will not be permitted to begin courses.

An alternate admission list may be established to fill vacancies that might occur before the beginning of class. Students who are not accepted must reapply to be considered for another admission cycle.

Students not accepted may opt to pursue the general concentration in radiologic technology.

Program CIP Code

31.51.0911.00

Concentrations

- General Radiologic Science Concentration
- Nuclear Medicine Concentration
- Radiography Concentration

Bachelor of Social Work

Social Work (B.S.W.)

Department of Social Work

Location: Clement Hall, Room 103

Phone: 931-221-7730

Website: www.apsu.edu/socialwork/

Description of Major

The Bachelor of Social Work degree (BSW) prepares students for entry-level generalist practice and/or for pursuit of the Master of Social Work (MSW), professionally regarded as the terminal practice degree. Austin Peay offers the BSW and MSW, both of which are accredited by the Council on Social Work Education (CSWE).

Social work is rooted in a liberal arts perspective informed by the general education curriculum and elective courses. The undergraduate social work knowledge base builds upon this core through developing an understanding of the heritage and history of the profession, an appreciation for the values and ethics that inform practice, theories that endeavor to explain and predict human behavior and the various social and cultural factors that influence human life and interactions, and the skills needed to implement this knowledge into intervening with both individuals and larger social systems.

BSW-prepared social workers are employed in state and county agencies, such as the Department of Children's Services, Adult Protective Services, local health departments, courts and the correction system, case management with adults and children who seek assistance with mental and/or physical challenges, schools, long-term care and other residential facilities, substance abuse prevention and treatment, and numerous other areas. One of the advantages of a career in social work is the possibility of changing practice venues without having to pursue an additional degree. Master's level social workers who become licensed have the additional options of medical social work, conducting therapy with individuals, groups, and families, and engaging in private practice.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Social Work](#).

Program CIP Code

27.44.0701.00

Major

- Social Work Major

Engineering Technology (A.A.S.)

Austin Peay Center at Fort Campbell

Phone: 931-221-1470

Email: tamayom@apsu.edu

Description of Major

Engineering Technology is a multi-discipline major with industry specific concentrations in Electronics (AAS, ETAC of ABET accredited), Electrical (BS; ETAC of ABET Accredited), Manufacturing (BS; ETAC of ABET accredited), Mechanical (BS; ETAC of ABET accredited), and Mechatronics (BS). Each concentration has been designed to meet the needs of regional, and national industry relative to the specific concentration.

Program CIP Code

09.15.0000.00

Concentrations

- Electronics Engineering Technology Concentration A.A.S

Professional Services (A.A.S.)

Dr. Allen Barger

Executive Director of University Studies

Location: Ellington 206

Phone: 931-221-1021

Email: bargera@apsu.edu

The Associate of Applied Science (A.A.S.) in Professional Services degree is designed to prepare students for service industry careers. The degree consists of a general education core, a common set of required degree specific (core) courses, and concentration specific required courses and electives. Additionally, the A.A.S. coursework provides a multiple pathways to a Bachelor's Degree in order to help meet an individual student's educational and career goals. Students work closely with their academic advisors in determining their curriculum requirements. The A.A.S. offers concentrations in Culinary Arts and Recreation Administration.

Program CIP Code

32.52.0201.00

Concentrations

- Culinary Arts Concentration
- Recreational Administration Concentration

Associate of Science

University Studies (A.S.)

The University Studies associate degree program is designed to serve as a complete two-year educational program, as well as to transfer to a bachelor's degree program. It includes many courses that are required for any four-year program of study and an area of electives that may allow a student to enroll in either major specific courses or courses of a personal interest.

That makes the University Studies program an excellent choice for students who are unsure of their academic career plans. The program also is ideal for students who are attempting to fulfill core requirements for any four-year degree. A student pursuing a bachelor degree may apply for the Liberal Arts degree upon completion of the requirements without interrupting the bachelor program.

University Studies advisers are available by appointment or by email throughout the academic year to answer questions and advise students on the appropriateness of the program for their particular career or educational goal. Once course selections are available for the upcoming term, advisers are available to assist students in choosing classes.

Program CIP Code

16.24.0102.00

Concentrations

- University Studies Major
- Health Professions Concentration

Certificate

Accelerated Culinary Arts Certificate

Accelerated Culinary Arts undergraduate certificate would in particular serve the Culinary School at Fort Lee, Virginia. The Army has asked Austin Peay to offer this program at Fort Campbell. The credit-bearing certificate program is for US Army "Food Service" soldiers.

The program would contain a total of four (4) courses, each three credit hours, for a total of 12 credit hours at the 1000 and 2000 level. All four (4) of the courses are already approved courses in the APSU Bulletin (catalog). Three (3) of the courses are common to all of the students, and then the fourth course would be selected from two of the existing APSU's culinary course electives based on the student's specialty.

US Army has asked APSU to offer these courses in a four week program (mini-semester). Students will enroll for a 4 week period and take classes every day, Monday through Friday (in essence a course each day of the week) for at least 10 hours a day to achieve the 180 clock hours needed. The Army will be paying all tuition and fees. A new cohort will enter every 4 weeks. The students will be housed at Ft. Campbell. There will be a maximum of 16 students per class. APSU has sufficient equipment and facilities to support the program as well as a number of qualified adjunct faculty to work with the existing APSU culinary faculty. This program would be funded through the US Army Culinary program so students will not have to use their Tuition Assistance.

These college credit bearing courses are a subset of the existing AAS Management Technology – concentration in Restaurant Management, and all of the courses can be applied to the AAS degree if the student wants to continue and earn the AAS.

Program CIP

07.12.0500.00

Career and Technical Licensing Certificate

Program CIP

08.13.1205.00

French Certificate

Dr. Beatrix Brockman

Chair, Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Undergraduate Certificate in French is intended for students who are not majoring or minoring in French, but who want to prepare for a life and career in international business, communication, or government service in French-speaking parts of the world.

Program CIP

10.16.0901.00

German Certificate

Dr. Beatrix Brockman

Chair, Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

Program CIP

10.16.0901.00

Interdisciplinary Health and Social Justice Certificate

Drawing from interdisciplinary perspectives, this 12 credit program is designed to highlight the systemic correlates of health, disease and healthcare. Students will develop an understanding of inequities in health outcomes related to race, ethnicity, class, gender, sexual identity, gender identity, and other sociocultural factors. Students will explore health consequences of chronic stress related to experiences of discrimination, oppression, poverty, working and living conditions. Through this program, students will critically analyze and strategize the roles of public health educators, practitioners and community members to promote health equity. Students will be required to take IHSJ 2500 - Health and Social Justice - and then choose three courses across three disciplines for a total of 12 credits.

Program CIP

28.45.1101.00

Peer Leadership Certificate

Program CIP

08.13.9999.00

Spanish Communication Skills Certificate

Dr. Beatrix Brockman

Chair, Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

Program CIP

10.16.0905.00

Teaching English to Speakers of Other Language (TESOL) Certificate

The Teaching English to Speakers of Other Languages (TESOL) Undergraduate Online Certificate Program at Austin Peay State University's College of Education is designed for individuals who are interested in teaching English as a Second/Foreign Language, both within and outside the United States. After successful completion of the program, graduates will be qualified to teach emergent bilinguals whose native language is not English in variety of contexts.

Program CIP

08.13.1401.00

Concentrations

6-8 Middle Grades (Science) Concentration

The 6-8 Science Licensure Program at APSU will provide comprehensive coursework that integrates courses in the general education core, the major, and the professional education minor. The 121 hour major prepares candidates to teach in grades 6-8 science by a program that meets all State Standards. In addition to 43 hours of core classes which have been chosen to provide a comprehensive study of writing, history, fine arts, science, and social sciences; students take a 16 hour block of methods courses which prepares them to teach in grades in 6-8. In addition, candidates must complete 28 hours of lower level and upper level science content and 8 hours of science methods courses.

The middle school program is an interdisciplinary major with courses drawn from English, mathematics, science, and social studies. Candidates complete three English courses taught by faculty from Arts and Letters, as well as reading courses from the College of Education. Candidates complete 28 hours of science courses taught by faculty from the College of Mathematics and Sciences. Candidates complete 9 hours of history/social studies taught by faculty from the College of Arts and Letters. Candidates in the 6-8 Science Licensure Program complete 9 hours of reading instruction.

These courses are designed to meet the Tennessee Reading Standards. Candidates complete Rdg 4020 (Teaching Reading) and Rdg 4040 (Content Reading). Candidates begin their initial field experience in Educ 2100. This occurs during the first year of enrollment. They have their next placement during Educ 3070 where they are placed in a class at either the middle or elementary level. In Residency I, they complete a field experience of 5 weeks where they specifically work with special needs students and students from diverse backgrounds.

All candidates earning a license in the 6-8 Science Licensure Program complete two clinical teaching placements totaling 15 weeks. These placements provide candidates opportunities to participate in learning communities and team planning. Candidates who have earned 60 credit hours and have a 3.2 GPA will be eligible to become Eriksson Scholars. Eriksson Undergraduate Scholars are selected students who receive up to \$5,000 each fall and spring semester, to include the semester in which they student-teach, to help them prepare for science and mathematics high school or middle school teaching careers.

6-8 Middle School (Math) Concentration

Students electing this program will be licensed to teach middle grades Math 6 - 8 in Tennessee.

6-8 Middle School (Social Studies) Concentration

The 6-8 Middle School (Social Studies) Licensure Program at APSU provides comprehensive coursework. The major prepares candidates to teach social studies in grades 6-8. This program meets all state standards. Courses in the major include methods courses with required field experience that prepares candidates to teach in grades 6-8.

The goals of the 6-8 Middle School (Social Studies) Program are to provide candidates with the skills and knowledge to be able to (1) teach the interdisciplinary field of social studies to middle school students, (2) design and implement formative and summative assessment of learning that also informs teaching practice, (3) manage the middle school classroom, and (4) design and implement instruction across the core content areas of history, geography, civics, and economics at the middle grades level.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [6-8 Middle School \(Social Studies\)](#).

6-12 Interventionist Concentration

This is an undergraduate licensure program in 6-12 Mild/Moderate Disabilities. Students are seeking to earn a concentration in 6/12 SPED with a focus in Biology, 6/12 SPED focus Math, and 6/12 SPED focus English. The Biology program is 125 hours of which 23 hours are Biology courses, not including the 14 core Biology courses. The remaining courses are university core and education minor courses. The Math program is 126 hours and contains 19 hours of math courses (containing 3 have prerequisite courses) not including three core math courses. The remaining courses are university core and education minor courses. The English program is 122 hours and contains 15 hours of English courses, not including three English core courses. The remaining courses are university core and education minor courses.

The goal of this proposed 6-12 Interventionist concentration is to prepare students to implement interventions across multiple disciplines in the 6-12 grade spans.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Special Education](#).

6-12 Secondary Biology Education Concentration

The 6-12 Secondary Biology Education licensure concentration will prepare teacher candidates who will be competent in both subject matter content and research-based science pedagogy. Successful completion of this concentration will lead to teaching licensure in Tennessee.

6-12 Secondary Chemistry Education Concentration

The 6-12 Secondary Chemistry Education concentration will prepare teacher candidates who will be competent in both subject matter content and research-based science pedagogy. Successful completion of this concentration will lead to teaching licensure in Tennessee.

6-12 Secondary Earth Science Education Concentration

The 6-12 Secondary Earth Science Education concentration will prepare teacher candidates who will be competent in both subject matter content and research-based science pedagogy. Successful completion of this concentration will lead to teaching licensure in Tennessee.

Animation and Visual Effects Concentration BFA

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work.

Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Description

Computer animation and cinematic digital imagery/effects are related and versatile skills for commercial artists. Covering topics such as hand drawn animation, 3D computer animation, digital model building, digital painting, visual effects compositing, live action green screen filming, motion capture technology, and virtual reality systems, students will gain a generalist knowledge of

the field. Critical and thoughtful exploration of these subjects is essential for student understanding and appreciation for this quickly evolving form of art and media.

Art Education Concentration

Accreditations:

All programs in the Department of Art + Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements:

Admission to the B. F. A. and B. A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#)

Program CIP Code

30.50.0701.00

Art History Concentration

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Description

The Art History concentration will provide students with a depth of knowledge in the history of art across time and global cultures. Students will develop strong research and art writing skills, visual and interpretive analysis, and technical art-making skills in two different media. The modern language courses required for the BA degree is practical and necessary for art historical research (it is recommended, but not required that students study French or German).

Program CIP Code

30.50.0701.00

Astrophysics Concentration

College of Science, Technology, Engineering, & Mathematics
Department of Physics, Engineering, & Astronomy
Location: Sundquist Science Complex, B332
Phone: (931) 221-6116
Website: www.apsu.edu/astronomy

The Astrophysics Concentration of the Physics B.S. is designed for students who wish to pursue careers or graduate study in Astronomy or Astrophysics. It shares the Physics B.S. major core of courses that teach you to different "methods" for solving complex problems (experimental, theoretical, and computational) along with a set of physics content courses (mechanics, electricity & magnetism, and quantum mechanics), but replaces 18 hours of major guided electives with defined coursework in astronomy and astrophysics. A minor is not required, though a mathematics minor is suggested (3 additional hours in mathematics at the 3000 or higher level required for a mathematics minor).

Program CIP Code

25.40.0801.00

Banking Concentration

Finance can be defined as the art and science of managing money. The field of finance is integral to almost every facet of business enterprise. It is also a vital aspect of government operations and has an effect on our daily lives. Virtually all organizations and individuals raise money and decide how to spend and invest it. Finance is concerned with the entire process of obtaining the money that organizations or individuals need, and spending and investing that money in the most efficient manner.

Program CIP Code

32.52.0801.00

Biochemistry Concentration

Department of Chemistry

Location: Sundquist Science Complex - A308

Phone: 931-221-7628

Website: www.apsu.edu/chemistry

The biochemistry concentration gives students a broad background in the biomolecular sciences, including courses in physics, chemistry, biology, and math. This concentration is appropriate for students pursuing medical fields and those who want to pursue graduate studies in fields related to biochemistry.

Program CIP Code

25.40.0501.00

Biomedical Science Concentration

Biomedical Science focuses on the biology, chemistry, and medicine of human health through interdisciplinary coursework. This area of study requires coursework in biological, chemical, and laboratory science to gain knowledge, skills, and abilities focused in the study of biotechnology, instrumentation, and healthcare research. The concentration is supported by basic science courses like anatomy and physiology, cell biology, water quality, biochemistry, quantitative chemistry, microbiology, genetics, molecular biology, immunology, mathematics and statistics, hematology, and laboratory instrumentation. Biomedical sciences has a wide range of academic, research, and industrial applications supporting the future of medicine. This concentration provides flexibility in degree planning to tailor student coursework for employment in modern medicine including a comprehensive program that supports graduate work and professional degrees in any related field of medicine. Biomedical science, where science meets medicine.

Program CIP Code

31.51.1005.00

Broadcast Media Concentration B.A.

Graduates in broadcast media are prepared for careers in a variety of broadcast and related areas, including on-air performance, behind the scenes operations, directing, audio and video production, promotion and management.

Program CIP Code

05.09.0401.00

Broadcast Media Concentration B.S.

Graduates in broadcast media are prepared for careers in a variety of broadcast and related areas, including on-air performance, behind the scenes operations, directing, audio and video production, promotion and management.

Program CIP Code

05.09.0401.00

Classical Cultures Concentration

Program CIP Code

10.16.0101.00

Classical Languages Concentration

Program CIP Code

10.16.0101.00

Communication Sciences and Disorders Concentration

A bachelor's degree in Health and Human Performance with a concentration in Communication Sciences and Disorders will prepare students for graduate education in audiology and speech-language pathology. The degree may also be a pathway for graduate study or careers in a variety of other fields such as healthcare, education, science, and public policy. The curriculum will combine academic courses and clinical education.

Program CIP Code

22.31.0501.00

Composition Concentration

All students must take MUS 1060 for eight semesters to meet program requirements.

Program CIP Code

30.50.0901.00

Corporate Communication Concentration B.A.

Graduates in corporate communication are prepared for careers in advertising, marketing communications, public relations, media management, organizational development, employee relations, consultant and executive areas.

Program CIP Code

05.09.0102.00

Corporate Communication Concentration B.S.

Graduates in corporate communication are prepared for careers in advertising, marketing communications, public relations, media management, organizational development, employee relations, consultant and executive areas.

Program CIP Code

05.09.0102.00

Corporate Security Concentration

The National Security Studies major will cultivate analytical and critical thinking skills, open opportunities for career advancement, and prepare graduates for further academic endeavors. This major will foster career opportunities in intelligence, foreign affairs, corporate security, government security, geospatial analysis, and other areas of national security for both civilian students and military personnel (active-duty and retired).

Program CIP Code

28.45.0902.00

Culinary Arts Concentration

The Associate of Applied Science (A.A.S.) in Professional Services degree is designed to prepare students for service industry careers. The degree consists of a general education core, a common set of required degree specific (core) courses, and concentration specific required courses and electives. Additionally, the A.A.S. coursework provides a multiple pathways to a Bachelor's Degree in order to help meet an individual student's educational and career goals. Students work closely with their academic advisors in determining their curriculum requirements. The A.A.S. offers concentrations in Culinary Arts and Recreation Administration.

Program CIP Code

32.52.0201.01

Dance Concentration B.A.

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The B.A. in Theatre Arts is a Liberal Arts Degree. Each concentration in the B.A. Theatre Arts degree program will consist of 36 hours in the major and is designed to be accompanied by a second major or minor. Admission to this program is open to all. Most Theatre and Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance. In addition to this degree, the Department of Theatre and Dance also offers a B.F.A. in Theatre Arts with concentrations in Acting, Dance, Design, Musical Theatre, and Stage Management, a Theatre Minor, and a Dance Minor. Admission Criteria Admission to this program is open to all. BA students seeking departmental scholarships must audition. At the time of audition, Theatre Arts students must submit the following: Resume, Head Shot, and two Letters of Recommendation. Scholarships are only awarded to students who have been officially admitted by the university. More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook: www.apsu.edu/theatre-dance.

Program CIP Code

30.50.0501.00

Ecology, Evolution, and Organismal Biology Concentration

Department of Biology

Location: Sundquist Science Complex, Room D125

Phone: 931-221-7781

Website: www.apsu.edu/biology/index.php

Austin Peay State University's Department of Biology provides an intellectual and motivational environment for career development in many areas of biology. Students can pursue training in field biology, botany, zoology, animal and plant physiology, microbiology, molecular genetics, and environmental assessment. The program includes three options; 1. The Biology major, 2. the Ecology, Evolution, and Organismal Biology concentration, and 3. the Medical, Cellular, and Molecular

Biology concentration. The goal of all three options is to provide foundational biology courses, while allowing students to choose the pathway that best fits their career goals and interests.

Mission Statement

To educate students to become competent, confident, and compassionate individuals within their chosen careers. The Department of Biology faculty are committed to providing instructional and research experiences for students to develop skills of inquiry, abstract and logical thinking and critical analysis of natural science phenomena. The Department is also committed to meeting the needs of students by providing an array of professional, pre-professional and academic tracks.

Vision Statement

The Biology Department's vision is to prepare students to enter the scientific community as responsible, productive professionals, capable of effective communication in both oral and written form.

Program CIP Code

18.26.0101.00

Economics Concentration

Finance can be defined as the art and science of managing money. The field of finance is integral to almost every facet of business enterprise. It is also a vital aspect of government operations and has an effect on our daily lives. Virtually all organizations and individuals raise money and decide how to spend and invest it. Finance is concerned with the entire process of obtaining the money that organizations or individuals need, and spending and investing that money in the most efficient manner.

Program CIP Code

32.52.0801.00

Education Non-Licensure Concentration

The Education Non-Licensure Concentration, while not providing teaching licensure, emphasizes education-related disciplines related to children, adolescents, and their families. These topic-specific courses will help students to obtain their career objectives. Students with this concentration might work with pre-school children, after-school programs, paraprofessionals, and other youth oriented activities and social agencies. In addition, this concentration may serve as preparation for seeking initial teacher licensure at the master's level. Students completing this concentration will need to meet Transition 1 in the teacher education program for the Education major core courses and Transition 2 for major concentration electives.

Program CIP Code

08.13.1206.00

Electronics Engineering Technology Concentration A.A.S

Program CIP Code

09.15.0000.00

English Education Concentration

The Bachelor of Arts in English with a concentration in English Education prepares students for teaching licensure.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Program CIP Code

15.23.0101.00

Ethics, Law and Political Theory Concentration B.A.

Program CIP Code

24.38.0101.00

Ethics, Law and Political Theory Concentration B.S.

The Ethics, Law, and Political Theory Concentration is an excellent preparation for law school and careers in government.

Program CIP Code

24.38.0101.00

Exercise Science Concentration

The Bachelor of Science in Kinesiology with a concentration in Exercise Science will prepare students to sit for the Exercise Physiologist Certification through the American College of Sports Medicine, the Certified Strength and Conditioning Specialist test through the National Strength and Conditioning Association, and prepare students for graduate study in Kinesiology or Exercise Science. The degree will be 120 credits hours to include an 18 credit hour major core to be shared with the second concentration that is being proposed concurrently. Additionally, the concentration will require 25 credit hours, 35 credit hours of general electives and 42 hours of General Education credit hours.

Program CIP Code

22.31.0505.00

French Concentration

The following courses are required for the B.A. in Foreign Languages with a Concentration in French. The major consists of 33-35 hours of coursework.

Program CIP Code

10.16.0101.00

General Computer Science Concentration

The Computer Science major covers the technical areas of computing with an emphasis on programming and algorithm design. It includes a significant mathematics component. It allows students to study traditional computer science topics. The General Computer Science concentration allows students to explore other computer-related topics of their choice.

Program CIP Code

06.11.0701.00

General Radiologic Science Concentration

Radiologic science is more than providing patient care and diagnostic images. Some radiologic professionals obtain images that allow physicians to diagnose diseases and injuries. Others administer high doses of ionizing radiation to treat cancer and other conditions. Radiologic science requires a commitment to compassionate care to all patients. If you are ready to become part of a field that saves lives every day, Austin Peay State University's Radiologic Science program can start you on your way! The degree is designed to prepare students for application to the radiography and nuclear medicine technology concentrations.

Additionally, students who complete the BSRS will meet eligibility requirements for admission to diagnostic medical sonography and radiation therapy certificate programs in Tennessee and beyond.

Mission Statement

The mission of the Radiologic Science Program is to provide training in the field of radiologic science. The primary goal is to fulfil the needs of healthcare providers in the community and surrounding regions. A successful healthcare provider needs critical thinking and technical skills to offer the best possible care. Students are prepared to meet these requirements through various levels of training. Methods include theory, clinical practice, didactic learning, imaging, and competency testing in classroom and clinical settings. Upon successful completion of the degree, graduating students completing the radiography or nuclear medicine concentrations will meet the requirements for an entry-level position in radiography or nuclear medicine. Potential sonographers and radiation therapists will have a well-rounded radiology background and will be eligible for certificate programs in diagnostic medical sonography.

Program CIP Code

31.51.0911.00

Geography Concentration

Program CIP Code

25.40.0601.00

Geology Concentration

The Geology concentration encompasses the broad study of materials of the earth and processes that affect them as well as the evolution of life and its impact on earth materials and processes. Earth processes include volcanism, plate tectonics, earthquakes, landslides, and ground and surface water migration. Geologists utilize their knowledge to identify and assess environmental hazards such as ground and surface water contamination, land surface stability, and volcanic and earthquake activity. Knowledge of earth processes also helps the geologist understand the formation, occurrence, and extraction of natural resources such as water, oil and gas, and valuable minerals and metals. Geology is a great field of study for students who enjoy blending the outdoor physical environment with science. With consultation of a faculty advisor, our program prepares students for jobs in the geological sciences in private industry, state and federal government, and teaching, or for entrance into graduate school in the Geosciences. Our graduates are successfully employed in the environmental field and in the exploration or production of natural resources. The Bachelor of Geosciences with a concentration in geology prepares students for state licensure to practice geology in the state of Tennessee.

Program CIP Code

25.40.0601.00

Geographic Information Systems Concentration

The National Security Studies major will cultivate analytical and critical thinking skills, open opportunities for career advancement, and prepare graduates for further academic endeavors. This major will foster career opportunities in intelligence, foreign affairs, corporate security, government security, geospatial analysis, and other areas of national security for both civilian students and military personnel (active-duty and retired).

Program CIP Code

28.45.0902.00

German Concentration

The following courses are required for the B.A. in Foreign Languages with a Concentration in German. The major consists of between 30-32 hours of coursework.

Program CIP Code

10.16.0101.00

Graphic Design Concentration BFA

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Description

The Graphic Design concentration for the B.F.A. is for students seeking to work in the field of graphic design. Through a combination of courses in typography, web design, and visual communication, students will learn how to participate in the creative economy.

Program CIP Code

30.50.0701.00

Guitar Performance Concentration

Program CIP Code

30.20.0901.00

Health Professions Concentration

The Health Professions Concentration prepares students to work as health professionals in various healthcare settings.

Program CIP Code

16.24.0102.00

Health Care Management Concentration

The Health Care Management concentration provides students the opportunity to prepare for employment as a manager in nursing homes, hospitals, regional, state or local health departments, home health care agencies, health maintenance organizations, surgical care centers, insurance companies, physician group practices, and voluntary health agencies.

Program CIP Code

22.31.0501.00

History Education with Licensure Concentration B.A.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Program CIP Code

28.54.0101.00

History Education with Licensure Concentration B.S.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Program CIP Code

28.54.0101.00

Hospitality Management Concentration

The Hospitality Management concentration exposes students to the challenges and opportunities of the growing hospitality industry. The curriculum is designed to give students a practical base of hospitality management knowledge and abilities. Graduates of the program have the potential of working throughout the world for major hotel and restaurant companies, private clubs, resorts, casinos, theme parks, and recreational facilities, consulting firms and other related industries. Related career opportunities abound in the industry both locally and on a global basis, and include titles as Front Desk Manager, Social Director, Caterer, Hospitality Supervisor, Meeting Planner, Recreational Director and Travel Director.

Program CIP Code

32.52.0201.00

Human Resources Management Concentration

Program CIP Code

32.52.0201.00

Information Specialist Concentration B.A.

The Information Specialist concentration in Mass Communication is offered completely online, and is intended for students seeking information careers in the public or private sectors. Information careers include work for the U.S. Information Agency as information specialists and in the U.S. Military services as public affairs' officers. Tennessee and other state and municipal government information-based services such as tourism and economic development; and the promotion and publicity functions within nonprofit agencies, chambers of commerce, and general organizations are interested in the training provided by this concentration.

Program CIP Code

05.09.0102.00

Information Specialist Concentration B.S.

The Information Specialist concentration in Mass Communication is offered completely online, and is intended for students seeking information careers in the public or private sectors. Information careers include work for the U.S. Information Agency as information specialists and in the U.S. Military services as public affairs' officers. Tennessee and other state and municipal government information-based services such as tourism and economic development; and the promotion and publicity functions within nonprofit agencies, chambers of commerce, and general organizations are interested in the training provided by this concentration.

Program CIP Code

05.09.0102.00

Instrumental Performance Concentration

Program CIP Code

30.50.0901.00

Intelligence Concentration

The National Security Studies major will cultivate analytic and critical thinking skills, open opportunities for career advancement, and prepare graduates for further academic endeavors. This major will foster career opportunities in intelligence, foreign affairs, corporate security, government security, geospatial analysis, and other areas of national security for both civilian students and military personnel (active-duty and retired).

Program CIP Code

28.45.0902.00

Journalism Concentration B.A.

Journalism majors develop skills for careers at newspapers, book and magazine publications, as well as a variety of Web-related careers.

Program CIP Code

05.09.0401.00

Journalism Concentration B.S.

Journalism majors develop skills for careers at newspapers, book and magazine publications, as well as a variety of Web-related careers.

Program CIP Code

05.09.0401.00

K-8 Interventionist Concentration

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Special Education](#).

Program CIP Code

08.13.1001.00

K-12 Comprehensive Concentration

This is an undergraduate licensure program in K-12 Comprehensive Disabilities. Students are seeking to earn a concentration in comprehensive (severe/profound) disabilities. The program contains 122 hours, of which 60 are university core, 30 are in the special education major and the remaining courses are in the professional education minor. The goal of this proposed K-12 Comprehensive concentration is to prepare students to implement interventions for students with severe/profound disabilities across multiple disciplines throughout the K-12 grade spans.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Special Education](#).

Program CIP Code

08.13.1001.00

Keyboard Performance Concentration

Program CIP Code

30.50.0901.00

Leading Operations Concentration

Dr. Sue Evans
Chair, Department of Leadership
Professor
Location: Clement, 143B
Phone: 931-221-1465 or 931-221-1437
Email: evanss@apsu.edu
Website: www.apsu.edu/leadership

The Leading Operations concentration consists of courses that address some of the major systems and processes found in most organizations. Students will be exposed to foundational concepts associated with leading operations as well as in-depth exposure to such topics as information technology, legal processes, and financial measurement and analysis.

Program CIP Code

28.45.0101.00

Leading People Concentration

Dr. Sue Evans
Chair, Department of Leadership
Professor
Location: Clement 143B
Phone: 931-221-1465 or 931-221-1437
Email: evanss@apsu.edu
Website: www.apsu.edu/leadership

The Leading People concentration consists of courses designed to present students with content and insights related to leading individuals and teams in organizations. Students will be exposed to foundational leadership concepts and in-depth treatment of such topics as team-building, judgment and decision making, and leadership and the uses of power.

Program CIP Code

28.45.0101.00

Liberal Studies Concentration B.A.

Program CIP Code

30.50.0901.00

Liberal Studies Concentration B.S.

Program CIP Code

30.50.0901.00

Mechatronics Engineering Technology Concentration

The BS degree in Engineering Technology with a concentration in Mechatronics prepares students to work in the Automation and Control, or Manufacturing industries as an Automation Systems Design Engineering Technologist for the design and implementation of automated systems.

Program CIP Code

09.15.0000.00

Medical, Cellular, and Molecular Biology Concentration

Bulletin/Catalog Year 2023-2024

College of Science, Technology, Engineering and Mathematics

Department of Biology Location: Sundquist Science Complex, Room D125

Phone: 931-221-7781

Website: www.apsu.edu/biology/index.php

Austin Peay State University's Department of Biology provides an intellectual and motivational environment for career development in many areas of biology. Students can pursue training in field biology, botany, zoology, animal and plant physiology, microbiology, molecular genetics, and environmental assessment. The program includes three options; 1. The Biology major, 2. the Ecology, Evolution, and Organismal Biology concentration, and 3. the Medical, Cellular, and Molecular Biology concentration. The goal of all three options is to provide foundational biology courses, while allowing students to choose the pathway that best fits their career goals and interests.

Mission Statement

To educate students to become competent, confident, and compassionate individuals within their chosen careers. The Department of Biology faculty are committed to providing instructional and research experiences for students to develop skills of inquire, abstract and logical thinking and critical analysis of natural science phenomena. The department is also committed to meeting the needs of students by providing an array of professional, pre-professional and academic tracks.

Vision Statement

The Biology Department's vision is to prepare students to enter the scientific community as responsible, productive professionals, capable of effective communication in both oral and written form.

Program CIP Code

18.26.0101.00

Medical Laboratory Science Concentration

The Medical Laboratory Science concentration is for students who are seeking a bachelor's degree in Medical Laboratory Science that never been certified as an MLT or MLS. This concentration provides specific courses in immunology, immunohematology, microbiology, clinical chemistry, toxicology, urinalysis, hematology, hemostasis, management, research, and education. Students completing the MLS degree program are eligible to take a national certification examination in Medical Laboratory Science.

Program CIP Code

31.51.1005.00

MLT to MLS Concentration

The MLT to MLS concentration is a bridge program for students who are seeking a bachelors degree in Medical Laboratory Science that have previous work experience as a certified MLT. This concentration provides specific courses in immunology, immunohematology, microbiology, clinical chemistry, toxicology, urinalysis, hematology, hemostasis, management, research, and education. Students completing the MLS degree program are eligible to take a national certification examination in Medical Laboratory Science.

Program CIP Code

31.51.1005.00

Multi-Disciplinary concentration

The Multi-Disciplinary Concentration allows students to combine any two APSU minors. It may serve as an appropriate stepping-stone for admission into graduate school. Students may only have one minor from the College of Business for this concentration.

Program CIP Code

16.24.0101.02

Music Education (Choral/K-12 General Music) Concentration

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Program CIP Code

30.50.0901.00

Music Education (Instrumental/K-12 General Music) Concentration

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Program CIP Code

30.50.0901.00

Music Therapy Concentration

To be admitted into the music department, all students must pass a music performance audition in a primary performance area. Per accreditation standards of the American Music Therapy Association (AMTA), students in this concentration must earn a grade of 'C' or higher in all MUS courses.

Program CIP Code

30.50.0901.00

Nuclear Medicine Concentration

APSU has an affiliation with the Radiologic Technology School at the Vanderbilt University Medical Center. Students desiring to enter one of the programs of radiology should file applications to the appropriate program director at the beginning of the junior year. Students may be eligible for a B.S. degree absentia after successful completion of the professional program. Students may elect to transfer to other accredited professional schools of radiology after completing two years at APSU, and should consult with their academic advisor and select courses required by the particular school before registering for the sophomore year. Acceptance into a clinical program is competitive.

Admission Requirements

Students must complete a separate admission packet to apply to the senior year. Requirements for acceptance include: overall grade point average of 3.0 or above, a minimum of a "C" in all core courses, physical, application and essay, coursework completion, official transcripts, and references. Acceptance into the program is highly competitive.

Program CIP Code

31.51.0911.00

Philosophical Studies Concentration B.A.

The Philosophical Studies Concentration provides a broad background in Philosophical issues and theories. It is good preparation for most any career.

Program CIP Code

24.38.0101.00

Philosophical Studies Concentration B.S.

The Philosophical Studies Concentration provides a broad background in Philosophical issues and theories. It is good preparation for most any career.

Program CIP Code

24.38.0101.00

PreK-3 Concentration

The PreK-3 Interdisciplinary Studies Program of the Martha Dickerson Eriksson College of Education at Austin Peay State University is designed for candidates who are preparing to teach from PreK to primary grades. For candidates seeking licensure, the program consists of a general education core, a major in Interdisciplinary Studies and a minor in Professional Education. After completing these requirements, students will be entering their junior year and will be taking classes with field experiences required. The student will be placed in the local preschool and elementary school settings to finish observations and various course assignments. During the first semester of their senior year, candidates are placed in a block of courses known as Residency I, during this semester candidates will be in their student teaching placement for three weeks where they will teach a minimum of 2 lessons. Clinical experiences then culminate with a semester of student teaching. Candidates will return to their Residency 1 placement for 13 weeks where they are expected to shadow and teach with their mentor teacher. During the remaining 2 weeks of the semester, the teacher candidate will be assigned by the principal or his/her designee various classrooms to observe and will complete an observation assignment graded by the University Supervisor. The total number of credit hours to complete the program is 125. The four-year plan includes a Liberal Arts Core consisting of 42 credit hours, Early Childhood Education Major with 45 credit hours, and a Professional Education Minor with 23 credit hours and an additional 12 hours of student teaching.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [PreK-3](#).

Program CIP Code

08.13.1206.00

Pre-Professional Concentration

The Bachelor of Science in Kinesiology with a concentration in Pre-professional will prepare students to sit for the Exercise Physiologist Certification through the American College of Sports Medicine, the Certified Strength and Conditioning Specialist test through the National Strength and Conditioning Association, and prepare students for graduate study in Kinesiology or Exercise Science. This concentration is for students typically interested in furthering their education in physical therapy, occupational therapy, or physician assistant professional programs. Students who are interested in the Pre-professional concentration will be required to apply to the concentration. The requirements to be admitted are: 1. Earned at least 30 undergraduate hours. 2. Earned at least a 3.0 cumulative GPA. 3. Earned at least a B or higher in Math 1530. 4. Earned at least a B or higher in Biology 2010/2011. Students who designate the B.S. in Kinesiology as their major will adhere to APSU retention and graduation policies as published in the APSU Bulletin. * If interested in this Concentration please speak to your Academic Advisor * Comment: Students will graduate with precisely 33 upper-division hours with the proposed changes (previously 34).

Program CIP Code

22.31.0505.00

Pre-Veterinary Medicine Concentration

APSU offers a pre-veterinary medicine program that prepares students for successful application to veterinary schools institutions like the University of Tennessee, and Auburn University and includes additional courses to complete B.S. degree requirements and to improve the students' chances for success in veterinary school. At the completion of this program, students are expected to graduate from APSU with a B.S. in Agriculture, and have met the admissions requirements of most colleges of veterinary medicine in North America.

Program CIP Code

01.01.0000.00

Professional Chemistry Concentration

Department of Chemistry

Location: Sundquist Science Complex - A308

Phone: 931-221-7628

Website: www.apsu.edu/chemistry

The professional chemistry concentration gives students a more in-depth study of advanced courses in chemistry and gives an opportunity for students to engage in an undergraduate research project. This concentration results in certification from the American Chemical Society and prepares students for graduate school in chemistry or biochemistry or to work in an industrial or government laboratory.

Program CIP Code

25.40.0501.00

Professional, Technical, and Creative Writing Concentration

The English Major, leading to the B.A. degree, provides the foundations for a variety of careers. Our classes will guide you through the breadth of literature and beyond. Language is a powerful tool; we will teach you critical approaches to language and how it has always shaped the world. Instead of asking what you can do with an English major, it is better to ask, "What can't you do with an English major?" The skills you learn in our English courses help prepare you for countless careers, including, but not limited to: Literary Agent, Author, Critic, Legal Researcher, Librarian, Reporter, Science Writer, Campaign Manager, Public Relations Manager, Social Media Manager, Teacher, Professor, Content Creator, etc.

Program CIP Code

15.23.0101.00

Public Health Concentration

The Public Health concentration provides students the opportunity to prepare for entry level health educator or health facilitator positions in hospital settings, state, regional or local health departments, home health care agencies, health maintenance organizations, nursing homes, surgical care centers, insurance companies, physician groups, and voluntary health agencies.

Program CIP Code

22.31.0501.00

Public Relations Concentration B.A.

Public Relations majors prepare for careers in agencies, corporations, political campaigns, and in a variety of organizational communication settings.

Program CIP Code

05.09.0102.00

Public Relations Concentration B.S.

Public Relations majors prepare for careers in agencies, corporations, political campaigns, and in a variety of organizational communication settings.

Program CIP Code

05.09.0102.00

Radiography Concentration

APSU Radiologic Science Program with the Concentration of Radiography is a two-year (24-month), campus-based, course of studies. Students desiring to enter the program should file applications with the Radiography Program Director by the end of February, prior to the summer they would begin the program. Applicants must have completed all of the core requirements prior to beginning the professional phase of the radiography program. After successful completion of the professional phase, graduates will be eligible to sit for the national registry through the American Registry of Radiologic Technologists (ARRT).

Admission Requirements

Students must complete a separate admission packet to apply for the program. Requirements for acceptance include: overall grade point average of 2.5 or above, a minimum of a "C" in all core courses, physical, application and essay, coursework completion, official transcripts, and references. Acceptance into the program is competitive.

Program CIP Code

31.51.0911.00

Recreational Administration Concentration

Dr. Allen Barger

Executive Director of General and Professional Studies

Location: Ellington 206

Phone: 931-221-1021

Email: bargera@apsu.edu

The Associate of Applied Science (A.A.S.) in Professional Services degree is designed to prepare students for service industry careers. The degree consists of a general education core, a common set of required degree specific (core) courses, and concentration specific required courses and electives. Additionally, the A.A.S. coursework provides a multiple pathways to a Bachelor's Degree in order to help meet an individual student's educational and career goals. Students work closely with their academic advisors in determining their curriculum requirements. The A.A.S. offers concentrations in Culinary Arts and Recreation Administration. The concentration in Recreation Administration prepares students for careers in the public and private sectors of the recreation industry and provides necessary knowledge, skills, and abilities for entry into service-sector careers.

Program CIP Code

32.52.0201.01

Real Estate Concentration

Finance can be defined as the art and science of managing money. The field of finance is integral to almost every facet of business enterprise. It is also a vital aspect of government operations and has an effect on our daily lives. Virtually all organizations and individuals raise money and decide how to spend and invest it. Finance is concerned with the entire process of obtaining the money that organizations or individuals need, and spending and investing that money in the most efficient manner.

Program CIP Code

32.52.0801.00

Religious Studies Concentration B.A.

This concentration involves a comparative study of the world religions and exploration of themes in religion and its relevance in the world. The Religious Studies Specialization is an excellent background for seminary and careers in Religion, as well as for anyone with an interest in religion and exploring the world and different cultures.

Program CIP Code

24.38.0101.00

Religious Studies Concentration B.S.

This concentration involves a comparative study of the world religions and exploration of themes in religion and its relevance in the world. The Religious Studies Specialization is an excellent background for seminary and careers in Religion, as well as for anyone with an interest in religion and exploring the world and different cultures.

Program CIP Code

24.38.0101.00

RN to BSN Concentration

Dr. Terri A. Clark

RN to BSN Program Facilitator

Email: clarkt@apsu.edu

Phone: 931-221-7469

For information visit: www.apsu.edu/rnbsn

Admission Requirements for the RN to BSN Concentration

In order to apply, RN to BSN concentration students must:

- Complete and submit the APSU RN to BSN application.
- Be admitted to Austin Peay State University as a degree-seeking undergraduate student.
- Have a minimum college cumulative grade point average of 2.0.
- Have graduated from an accredited Associate Degree or Diploma nursing program or graduating in the near future.
- Have an active, unencumbered RN license or be eligible for licensure.

Following acceptance into the BSN program, RN to BSN concentration students must:

- Have validation of current science knowledge: if sciences are older than seven (7) years, the student must provide a letter from current employer validating current employment as a Registered Nurse.
- Provide a complete program package with evidence of CPR and required health regulation, including vaccines, upon request.
- Comply with criminal background checks and drug screening as required for eligibility to access entrance into specific clinical agencies as related to clinical course objectives.

Progression

- RN to BSN students must earn a grade of "C" or higher in all nursing, nursing-specific core classes, and all courses taken while in the RN to BSN Program.
- BSN Undergraduate Progression and Graduation Requirements: RN to BSN students must meet core performance and professional standards. See specific criteria under the School of Nursing BSN Student Guidelines for the RN to BSN Concentration. A grade of "C" or better is required to pass any nursing course and to progress in the curriculum. If a student fails two courses (including failing one course two times) with a "D" or "F" they will be dismissed from the nursing program for not meeting the program requirements. A grade of "D" or "F" is considered failure to achieve course standards. A Bachelor of Science in nursing degree will not be conferred for any student who receives two grades below "C" while in the School of Nursing.
- RN to BSN Students are expected to complete the program within a three-and-a-half year time period.

Clinical

- Provide evidence of liability insurance acquired through APSU.
- Proof of personal health insurance may be required.
- RN to BSN clinical courses may be scheduled at sites near the student's home with faculty-vetted preceptors. The sites must be approved by the course faculty and there must be a contract in place between the facility and the university.

Program CIP Code

31.51.3801.00

Rotor-Wing Concentration

Clarksville Regional Airport, Hangar 5

200A Outlaw Field Road Clarksville, TN 37042

Phone: 931-221-1494

Email: weigandtc@apsu.edu

Website: www.apsu.edu/aviation

Program CIP Code

29.49.0102.00

Software Engineering Concentration

The Computer Science major covers the technical areas of computing with an emphasis on programming and algorithm design. It includes a significant mathematics component. It allows students to study traditional computer science topics. The Software Engineering concentration allows students to be exposed to topics in the field of software engineering.

Program CIP Code

06.11.0701.00

Spanish Concentration

Program CIP Code

10.16.0101.00

Sport and Wellness Specialist Concentration

The sport and wellness specialist concentration provides students the opportunity to prepare for positions in recreational settings such as local and state parks, recreation centers, athletic clubs, military associated recreational positions, YMCA settings, and selected private schools.

Program CIP Code

22.31.0501.00

Sports Communication Concentration B.A.

Program CIP Code

05.09.0401.00

Sports Communication Concentration B.S.

Program CIP Code

05.09.0401.00

Stage Management Concentration B.F.A.

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The B.F.A. in Theatre Arts is a Professional Degree. Each concentration in the B.F.A. Theatre Arts degree program will consist of 62 hours in the major.

Acceptance in the B.F.A. program is through audition-only. Most Theatre and Dance classes are restricted to B.F.A./B.A. majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance.

In addition to this degree, the Department of Theatre and Dance also offers a B.A. in Theatre Arts with concentrations in Dance and Theatre, a Theatre Minor, and a Dance Minor.

Admission Criteria Entrance into the B.F.A.

Theatre Arts program and scholarship consideration is by way of a successful audition and/or portfolio review and interview. At the time of audition, Acting, Dance, and Musical Theatre students must submit the following:

- Resume
- Headshot
- Two Letters of Recommendation
- Up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

At the time of audition, Design and Stage Management students must submit the following:

- Resume
- Personal Photo and Headshots
- Two Letters of Recommendation
- Up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

Students are eligible for Scholarship consideration once they have officially been admitted by the university. Students must maintain a minimum 3.0 GPA in the major and 2.5 overall GPA to continue in the program. If a student's GPA falls below a 3.0 in the major, it will result in the student being placed on probation the following semester. Probation may result in ineligibility for casting or other department production positions and will entail being ineligible for departmental sponsored travel. If grades do not improve the student may be released from the program. Continuation in the program requires an Annual Review. Negative reviews may lead to probation or dismissal from the program.

Production Audition Requirements:

- All B.F.A. Acting students must audition for every main stage play and musical.
- All B.F.A. Musical Theatre students must audition for every main stage play, musical and dance concert.
- All B.F.A. Dance students must audition for every main stage musical and dance concert.
- Although B.F.A. Design and Stage Management students are encouraged to audition for main stage productions, they will often be assigned a design, management, or technical role for a production.

Failure to fulfill these audition requirements will result in being placed on probation and may lead to dismissal from the program.

More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook: www.apsu.edu/theatre-dance

Program CIP Code

30.50.0501.00

Studio Art Concentration

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work.

Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Description

The B.A. in Studio Art is the ideal degree for students interested in receiving a broad education in the Liberal Arts while gaining a training in the Fine Arts. Students must select two (2) Art and Design foci and complete the entire sequence in each. Foci options include drawing, digital media, graphic design, illustration, painting, photography, printmaking, ceramics, sculpture, and animation. If drawing is selected as an area of focus, ART 1050 - Drawing II would be the first class in the drawing focus sequence.

Program CIP Code

30.50.0701.00

Studio Art Concentration BFA

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Description

The Studio Art concentration for the Bachelor of Fine Arts is for students seeking to prepare for art as a profession. Students will demonstrate proficiency in at least one studio area (drawing, painting, photography, ceramics, printmaking, sculpture, digital media, or illustration) through completion of the degree.

Program CIP Code

30.50.0701.00

Survey of Learning

The Survey of Learning concentration draws from education-related disciplines, leadership theories, and psychological development. Students will have the opportunity to explore developing skills to discuss, assess, and apply leadership theories and concepts and development theories and concepts; and manage the design and implementation of instructional and training materials. This concentration may serve as a stepping-stone for graduate studies.

Program CIP Code

16.24.0101.02

Survey of Health Concentration

The Survey of Health Concentration draws from a number of disciplines to explore healthcare issues, public health topics, and factors related to physical and emotional well-being. It will provide a generalist's understanding of the vast array of concerns that affect health professions. Students might work in health departments, health education settings, and organizations that do not require specialized skills. In addition, it may serve as a stepping-stone for graduate studies.

Program CIP Code

16.24.0101.02

Survey of Humanities Concentration

The Survey of Humanities Concentration provides students the opportunity to choose courses from numerous fields that apply to the humanities. It may serve as an appropriate stepping-stone for admission into graduate school.

Program CIP Code

16.24.0101.02

Survey of Organizational Administration & Supervision Concentration

Academic Affairs
Enrollment and Student Achievement
Location: Ellington, Room 206
Phone: 931-221-1021
Website: <https://www.apsu.edu/programs/index.php>

The APSU General Studies Major is designed for those who have completed another bachelor's degree. It is a non-licensure degree option that allows flexibility for students maintaining family, military, and employment obligations and is broad-based to allow for more individualized approach to degree completion and/or pursuit of two or more minors. The student completes one of the following seven concentrations: Education (Non-Licensure), Health, Humanities, Multi-Disciplinary, Organizational Administration and Supervision, Social and Behavioral Sciences, and STEM.

Program CIP Code

16.24.0101.02

Survey of Scientific Thought Concentration

The STEM Concentration provides students the opportunity to choose courses from numerous fields that apply to Science, Technology, Engineering and Mathematics. It may serve as an appropriate stepping-stone for admission into graduate school.

Program CIP Code

16.24.0101.02

Survey of Social and Behavioral Sciences

The Survey of Social and Behavioral Sciences Concentration provides students the opportunity to choose courses from numerous fields that apply to society, human behavior, and social relationships. It may serve as an appropriate stepping-stone for admission into graduate school.

Program CIP Code

16.24.0101.02

Theatre Concentration B.A.

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The B.A. in Theatre Arts is a Liberal Arts Degree. Each concentration in the B.A. Theatre Arts degree program will consist of 36 hours in the major and is designed to be accompanied by a second major or minor. Admission to this program is open to all. Most Theatre and Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance. In addition to this degree, the Department of Theatre and Dance also offers a B.F.A. in Theatre Arts with concentrations in Acting, Dance, Design, Musical Theatre, and Stage Management, a Theatre Minor, and a Dance Minor.

Admission Criteria Admission to this program is open to all. BA students seeking departmental scholarships must audition.

At the time of audition, Theatre Arts students must submit the following:

- Resume
- Head Shot
- two Letters of Recommendation

Scholarships are only awarded to students who have been officially admitted by the university.

More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook: www.apsu.edu/theatre-dance.

Program CIP Code

30.50.0501.00

Veterinary Technology Concentration

The Veterinary Technology program at APSU provides the rigorous training to prepare students for employment in veterinary technology, one of the fastest growing career fields nationwide. Students who complete this program successfully will be prepared to take veterinary technology certification exams. Veterinary technology students take coursework in veterinary technology, as well as agricultural, biological, and chemical sciences to prepare them for success in the veterinary technology certification process. At the completion of this program, students are expected to graduate from APSU with a B.S. in Agriculture, with a concentration in Veterinary Technology, and to be prepared to take the veterinary technology certification exam.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Veterinary Technology](#).

Program CIP Code

01.01.0000.00

Vocal Performance Concentration

Program CIP Code

30.50.0901.00

Minors (non-degree)

Accounting Minor

Department of Accounting, Finance and Economics

Chair: Dong Nyonna, Ph.D.

Location: Kimbrough Bldg., Room 234

Phone: 931-221-7578 e-mail: nyonnad@apsu.edu

Website: www.apsu.edu/business/

Minoring in Accounting provides a firm foundation of the information necessary for evaluating the present and planned activities of complex organizations. Accounting minors require 21 total hours including 12 hours of upper-division courses. The advisor directs the student to those upper division courses most applicable to their major.

Actuarial Science Minor

Location: Maynard Mathematics and Computer Science Building, Room 205

Phone: 931-221-7833

Website: www.apsu.edu/mathematics/

A minor in Actuarial Science is for the students who do not have time to complete all the required course work in Actuarial Science Concentration. This minor will allow students to take several rigorous courses in Actuarial Science concentration and get the recognition. The minor consists of 18 credit hours and for students who are graduating with major in computer science, business, physics, mathematics or engineering.

African American Studies Minor

The minor in African American Studies offers students an African-centered, Pan-Africanist, interdisciplinary course of study which enhances their majors. Minors can study abroad in Africa and receive practical skills in community-based work/volunteer assignments. In addition, students are encouraged to participate in the activities of the African American Cultural Center.

Agriculture Minor

Department of General Agriculture

Location: Sundquist Science Complex, Room D232

Phone: 931-221-7272

Website: www.apsu.edu/agriculture/index.php

The Agriculture Minor is designed to appeal to students from many different disciplines including the natural and social sciences, education, communication, business and/or economics. To qualify for the minor, students must take at least 18 hours of AGRI-prefix coursework, of which, at least nine of those hours must be at the 3000 or 4000 level.

Applied Statistics Minor

Department of Mathematics and Statistics

Location: Maynard Mathematics and Computer Science Building, Room 205

Phone: 931-221-7833

Website: www.apsu.edu/mathematics/

Collection, analysis, interpretation, and presentation of data are indispensable skills across modern industries. The applied statistics minor provides these through a foundation in statistical modeling and inference, and provides valuable tools to complement any college major. The minor prepares students for graduate studies in statistics, data science, or other applied fields where data analysis plays an important role.

Art History Minor

Department of Art and Design

Location: Art and Design., Room 235

Phone: 931-221-7333

Website: www.apsu.edu/art-design/

The Art History Minor is for students with an interest in analyzing the meaning in artworks to better understand global cultures.

Artificial Intelligence and Robotics Minor

The Artificial Intelligence and Robotics Minor will introduce students to several areas in and related to artificial intelligence. The minor includes courses in general artificial intelligence, machine learning, and robotics.

Arts Entrepreneurship Minor

The Arts Entrepreneurship Minor welcomes creators in all disciplines to prepare for the broadest career possibilities available. With classes designed to teach students how to create, fund, and operate artistic enterprises in both non-profit and for-profit environments, the minor offers an array of electives to allow students to tailor the program to their own goals. This flexibility makes the minor a good choice for any student, regardless of major, interested in a career in the arts.

Asian Studies Minor

College of Arts and Letters College of Behavioral Health and Social Sciences College of Science, Technology, Engineering and Mathematics Location: Harned Hall, 340 Phone: 931-221-7920 Asian Studies is an interdisciplinary minor designed to meet the needs of students interested in Asian languages, geography, history, and culture. It is hosted by the department of History and Philosophy and supported by the departments of Arts, Geosciences, Languages and Literature, and Political Science. Students must take nine (9) credits of a core and must take an additional nine (9) credits from at least two (2) disciplines, totaling 18 credit hours.

Astronomy Minor

Department of Physics, Engineering and Astronomy
Location: Sundquist Science Complex, B332
Phone: 931-221-6116
Website: www.apsu.edu/physics/

The Astronomy Minor is designed to appeal to students outside the sciences, but can also be paired with a physics major for students wishing to pursue astrophysics in graduate school.

Biology Minor

Department of Biology Location: Sundquist Science Complex, Room D125
Phone: 931-221-7781
Website: www.apsu.edu/biology/index.php

A Biology minor encourages exploration of the study of life. Biology minors take two lower level General Biology lecture and lab based courses to gain a scientific foundation and then complete three upper level lecture and lab based courses from three of four possible areas of study. Upper level courses cover topics such as zoological diversity, botanical diversity, microbiology, physiology, genetics, evolution, ecology, cellular and molecular biology, and field biology.

Business Administration Minor

Chair: Amye Melton
Location: Kimbrough Bldg., Room 237
Phone: 931-221-6132
Email: meltona@apsu.edu
Website: <http://www.apsu.edu/business>

Minor in Business Administration provides a firm foundation of business and organizational principles. The Business Administration Minor requires 21-27 hours in Accounting, Economics, Finance, Management and Marketing. An advisor directs the student to those upper division courses most applicable to their major.

Chemistry Minor

The chemistry minor is well-suited for students majoring in related STEM fields and for students pursuing careers in the allied health sciences. The curriculum provides a general background in chemical concepts and laboratory practices and helps prepare students for further study in professional health schools and for interdisciplinary careers requiring a background in chemistry.

Classical Civilization Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Minor in Classical Civilization is well-suited for students who are interested in attaining a background in the Ancient Greek and Roman civilizations from multiple angles. The curriculum provides a general grounding in either Ancient Greek or Latin with many options for taking courses in Classical literature, culture, and archaeology. This minor also offers students the chance to participate in the Ancient Mediterranean Club, be initiated in Eta Sigma Phi, the national Classical Studies honorary organization, and publish in Austin Peay's own *Philomathes: An Online Journal for Undergraduate Research in Classics*.

Classical Language Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The minor in Classical Languages is well-suited for students who are interested in participating in intensive study in the Ancient Greek and Latin languages. The curriculum provides a general grounding in either Ancient Greek or Latin with options for taking courses in Classical literature, culture, and archaeology. This minor also offers students the change to participate in the Ancient Mediterranean Club, be initiated in Eta Simga Phi, the national Classical Studies honorary organization, and publish in the Austin Peay's own *Philomathes: An Online Journal for Undergraduate Research in Classics*.

Coaching Minor

Department of Health and Human Performance

Location: Dunn Center, Room 268

Phone: 931-221-6111

Website: www.apsu.edu/hhp/

The coaching minor is for students who have an interest in seeking community or public/private school coaching opportunities

Communication Arts Minor

Department of Professional Communications

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

Website: www.apsu.edu/communication/index.php

The Communication Arts minor provides students with skills which are applicable to, and can enhance, any career. This minor provides students with access to a wide array of classes from the Department of Communication (home to both the Professional Communication and Communication Media majors) so that students can build the kind of minor that helps to meet their personal and professional goals. For Professional Communication or Communication Media majors, these courses cannot duplicate required classes.

Computer Networking Minor

The Computer Networking Minor provides students with an in-depth understanding of the foundations of data communication and modern networking technology. It develops technical skills needed to deploy and manage an enterprise network in a secure computing environment. Students pursuing the B.S. Computer Information Technology major with the Networking concentration may not also pursue a Computer Networking minor.

Computer Science Minor

The Computer Science Minor covers the technical areas of computing with an emphasis on programming and algorithm design. Students pursuing the B.S. Computer Science major may not also pursue a Computer Science minor.

Creative Writing and Publishing Minor

This minor provides opportunities to study the craft of published creatives across genres and to develop professional skills that complement a wide range of major fields, career options, and skill sets including managing project deadlines, addressing diverse audiences, and thinking critically.

Criminal Justice Minor

The Criminal Justice Minor is designed for students who want to work in law, law enforcement, corrections, victim advocacy, social services, or governmental organizations. The minor allows students to selectively focus on important foundation areas including the basics of the criminal justice system, research methods, theory, and law. This minor is a logical compliment to many majors in other social and behavioral sciences, but may be combined with any major offered throughout the university. This minor cannot be combined with a Criminal Justice Major.

Cybersecurity Minor

The Cybersecurity Minor prepares students to work in the information security and data protection areas. It emphasizes data communications, network security, cryptography, and computer forensics. Students pursuing the B.S. Computer Information Systems major with the Cybersecurity Concentration may not also pursue an Cybersecurity Minor.

Dance Minor

Department of Theatre and Dance

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The Dance minor equips students with a broad foundation of dance course work including Dance Technique, Dance Composition, Dance Improvisation, and Dance History. The minor provides students with access to a wide array of classes from the Department of Theatre and Dance which allows students to build a minor that meets their personal and professional goals. The minor requires 18 hours of coursework in Dance; 15 hours of coursework are prescribed by the department and 3 hours are determined in consultation with and advisor in the department.

Data Science Minor

Department of Mathematics and Statistics

Location: Maynard Mathematics and Computer Science Building, Room 205

Phone: 931-221-7833

Website: www.apsu.edu/mathematics/

A minor in Data Science is for the students who do not have time to complete all the required course work in Data Science Concentration. It provides students with the opportunity to gain knowledge, understanding, and proficiency in data science. It comprises 18 credit hours of courses designed to enhance the knowledge of students majoring in computer science, business, physics, mathematics, statistics, engineering, psychology, geology, geography, earth sciences, and biology.

Economics Minor

Department of Accounting, Finance and Economics Chair: Dong Nyonna, Ph.D. Location: Kimbrough Bldg., Room 234 Phone: 931-221-7578 e-mail: nyonnad@apsu.edu Website: www.apsu.edu/business/ Minor in Economics provides a firm foundation of the function and examination of markets. The Economics Minor requires 18-21 hours including 9 upper-division courses. An advisor directs the student to those upper division courses most applicable to their major.

Emergency Management Minor

The Minor in Emergency Management (EM) at Austin Peay State University was carefully developed based upon the Federal Emergency Management Agency (FEMA) subject-matter competency areas. APSU's EM Minor provides broad-based exposure to the body of knowledge of value and relevance to emergency responders/first responders as well as emergency administrators with regard to preparing, mitigating, and responding to the natural and human-made disasters and emergencies. The EM minor is geared to assist in the education, training and development of professional emergency managers with reference to help them acquire or develop the following skills: (1) knowledge of the full-range of natural and technological threats facing the United States, (2) awareness about systems and techniques for managing community vulnerabilities, (3) knowledge of hazard vulnerability analysis, hazard mitigation, recovery, and response, (4) communication skills inside and outside organizations, and (5) organizational (management) skills, including strategic planning, human resources, and political management skills.

Engineering Technology Minor

The Engineering Technology minor is intended for students who have an interest in the practical side of engineering and technology. The minor includes the major's introductory course, a selection of courses from the major core focusing on design software and on automated technology in industry, and two courses chosen from the upper level courses for the major. This totals 18 credit hours, including 6 credit hours at the 3000-4000 level. Students may select courses that do not require mathematics beyond the level of algebra in the basic university core. This minor would complement degrees in business, technical writing, geosciences, computer science, and other fields that lead to careers with a focus on engineering, technology, and engineered products.

English Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

A minor in English is a great way to build transferable skills. No matter what major you choose, you can always transfer your skills to your next job. According to the Bureau of Labor and Statistics, people change jobs/career paths 11-14 times in course of their professional life. What does this mean? Good writing will be one of the most important non-technical skills you have in the workplace, and a minor in English will help you develop this ability. English minors also are good at communication, organization, critical thinking, analysis, knowledge of other cultures, even conflict resolution.

English Language Learners (ELL) Minor

English Language Learners (ELL) is an academic minor allowing undergraduates to enroll in dual-listed courses to add an ELL endorsement to their existing licensure. Eligible undergraduates must be Education majors or minors with Transition I status.

Entrepreneurship Minor

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

Minoring in Entrepreneurship provides a firm foundation of business modeling and ideation. The Entrepreneurship Minor requires 18 hours predominantly in Management courses. An advisor directs the student to those upper division courses most applicable to their major.

Environmental Studies Minor

Department of Sociology Location: McCord Bldg., Room 205 Phone: 931-221-7540 Website: www.apsu.edu/sociology The Environmental Studies minor is an interdisciplinary minor examining the interactive relationship between humans and the biophysical environment that produces challenges including water management, soil conservation, climate change, health concerns, environmental inequalities, and issues of development and sustainability. The Environmental Studies minor provides students with the conceptual tools and theoretical frameworks to address these challenges at both the global and local levels.

Ethical Studies Minor

The ethical studies minor involves reflection on theories of the nature and foundations of values and morality, along with their application to practical issues and social and political organization. An ethics minor is an excellent supplement to most any major. It is particularly relevant and helpful for those interested in careers in law, government, professional community service, or education.

Event Planning Minor

Department of Communications

Location: Music and Mass Communication, 165

Phone: 931-221-7378

Website: <http://comm.apsu.edu/>

This minor will prepare students to assume leadership roles within the industry. It will offer in-depth knowledge of event planning as well as event execution. In addition, students will get hands-on experience working with other professionals in the industry.

This minor is most closely linked to students with concentrations in Public Relations or Corporate Communication. The Public Relations and Corporate Communication industry is growing and many available job opportunities will require employees to work in event planning. These portions of the industry include: conventions, meetings, special events, fundraisers, community events, advertising rallies, campaign functions, etc.

Family Studies Minor

Department of Sociology Location: McCord Bldg., Room 205 Phone: 931-221-7540 Website: www.apsu.edu/sociology The Family Studies minor provides students with a comprehensive curriculum that fosters an in-depth understanding of the complexities of family life. Required courses stimulate a critical examination of families within the diverse historical, political, and global contexts. As an interdisciplinary minor, students may complete coursework in Sociology as well as complementary disciplines in the Behavioral Health Sciences. Students completing the minor receive the training skills, and knowledge essential to enhancing the lives of families and are well prepared to further their education in graduate programs.

Film Studies Minor

Dr. Beatrix Brockman
Chair, Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

The Film Studies minor (18 credit hours) is structured in three tracks (Critical Film Studies, Applied Film Studies, and Comprehensive Film Studies) to examine and apply the terms and concepts of film appreciation, theory, criticism, and production. Students who take this minor will receive an understanding of films from several different cultures and gain an ability to produce and analyze films in technical, theoretical and cultural terms.

Finance Minor

Department of Accounting, Finance and Economics Chair: Dong Nyonna, Ph.D. Location: Kimbrough Bldg., Room 234 Phone: 931-221-7578 e-mail: nyonnad@apsu.edu Website: www.apsu.edu/business/ Minor in Finance provides a firm foundation of obtaining, spending, and investing money in the most efficient manner. Finance minors require 18-24 hours of courses predominantly in Accounting, Economics, and Finance. An advisor directs the student to those upper division courses most applicable to their major.

French Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Students will acquire a knowledge base that includes advanced French language, spoken by approximately 250 million French speakers, and knowledge of the cultures of the 29 Francophone countries of the world. The Minor in French is intended to prepare non-majors for life and work in a global and multilingual society. The minor will serve the needs of students who would like to prepare for careers in international business, communication, or government service in French-speaking parts of the world. The minor will give students the opportunity to build their oral and written proficiency skills and content knowledge in French. In addition, some students might choose to study on an APSU study abroad program in Quebec, France, or West Africa, or a semester-long exchange program in France or in Quebec, providing them with real-world opportunities to speak French and explore the French-speaking cultures of the world.

Geographic Information Systems Minor

Department of Earth and Environmental Science

Location: McCord Bldg., Room 203

Phone: 931-221-7454

Website: <http://www.apsu.edu/geosciences>

The Minor in Geographic Information Systems (GIS) prepares students for current modern trends in geospatial technology, computerized mapping, digital image processing and spatial analysis. It incorporates current advances in spatial sciences and technology. Students that complete the GIS Minor significantly enhance their employment opportunities especially in environmental consulting agencies, mapping technology industry and surveying. The GIS Minor pertains to any natural resource field such as Agriculture, Biology, and Geology as well as Business and Social Sciences. A GIS Minor combined with a computer science major is currently one of the most employable fields in geospatial analysis.

Geography Minor

Department of Earth and Environmental Science

Location: McCord Bldg., Room 203

Phone: 931-221-7454

Website: <http://www.apsu.edu/geosciences>

Geology Minor

Department of Earth and Environmental Science

Location: McCord Bldg., Room 203

Phone: 931-221-7454

Website: <http://www.apsu.edu/geosciences>

The Geology Minor is useful to all students interested in broadening their knowledge of minerals, rocks, fossils, soil and water pollution, climatic processes, natural disaster forecasting, landform development, and the history of the Earth. It is an important addition to many majors at APSU, in particular, to Agriculture, Biology, Chemistry, Physics, Engineering, Education, Geography, and the humanities. The minor may be customized for the student's interests, including: environmental studies, earth materials and resources, paleontology, and ground and surface water issues.

German Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

Proficiency in German can give you an annual salary boost in the United States. With more than 3000 German majority-owned businesses in the US, German will take you to many job opportunities in business, government, health care, education, technology, and publishing. In small classes, students will experience a student-entered approach active learning through close and personal interaction with professors.

Graphic Design Minor

Department of Art and Design
Location: Art and Design Building, Room 235
Phone: 931-221-7333
Website: www.apsu.edu/art/

The Graphic Design minor is for students wanting to build basic skills in Graphic Design. Students will be introduced to the discipline for both Web and Print Media without the immersive study by majors.

Greek Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

The Minor in Greek is well-suited for students who are interested in attaining a background the Ancient Greek civilization from multiple angles. The curriculum provides a general grounding in the Ancient Greek language with options for taking courses in Classical literature, culture, and archaeology. This minor also offers students the chance to participate in the Ancient Mediterranean Club, be initiated in Eta Sigma Phi, the national Classical Studies honorary organization, and publish in Austin Peay's own Philomathes: An Online Journal for Undergraduate Research in Classics.

Health Minor

The health minor allows students to acquire health content knowledge in an area of interest. Students may want to study a particular health issue of interest through the health minor courses to broaden their depth of knowledge. The minor consists of 18 semester hours, of which at least 12 hours must be upper division (i.e. 3000 or 4000 level courses).

Health and Social Justice Minor

Drawing from interdisciplinary perspectives, this minor is designed to highlight the systemic correlates of health and disease. Students will develop an understanding of inequities in health outcomes related to race ethnicity, class, gender, sexual identity, gender identity, and other sociocultural factors. Students will explore health consequences of chronic stress related to experiences of discrimination, oppression, poverty, and working and living conditions. Identifying community needs and developing strategies for improvement are emphasized. This minor prepares students for careers in advocacy and non-profit sectors, healthcare, counseling, education, research, and others.

History Minor

Department of History

Location: Harned Hall, room 340

Phone: 931-221-7919

Website: www.apsu.edu/history

Students who pursue the History Minor can study US and non-US history. Upper-division history courses have a low student-to-faculty ratio, providing students with close interactions with their professors. History is key to understanding the human condition because historical knowledge is a fundamental element of any culture. Student organizations that you could participate in are the History Club and Phi Alpha Theta. History students have the opportunity to get published or get editorial experience in the student-run history journal, *The Theta Delta Journal*.

Homeland Security Minor

Department of Criminal Justice

Location: Clement Bldg., Room 108 or

Fort Campbell Center, Bldg. 203, Room 211

Phone: 931-221-1480

Email: criminaljustice@apsu.edu

Website: www.apsu.edu/criminal-justice

The Homeland Security Minor consists of one required core course (CRJ 2400 Terrorism Understanding) with an additional five courses chosen from the list below. No more than 6 hours which count toward another major can be used for a minor in Homeland Security. Criminal Justice majors may not have both a Homeland Security Concentration and Homeland Security Minor.

Hospitality Management Minor

The Hospitality Management minor exposes students to the challenges and opportunities of the growing hospitality industry. The curriculum is designed to give students a practical base of hospitality management knowledge and abilities. Graduates of the program have the potential of working throughout the world for major hotel and restaurant companies, private clubs, resorts, casinos, theme parks, and recreational facilities, consulting firms, and other related industries. Related career opportunities abound in the industry, both locally and on a global basis, and include such titles as Front Desk Manager, Social Director, Caterer, Hospitality Supervisor, Meeting Planner, Recreational Director and Travel Director.

Human Resources Management Minor

Department of Management and Marketing

Chair: Dr. Amye M. Melton

Location: Kimbrough Building, Room 148

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

Minoring in Human Resources Management provides theoretical and practical knowledge in a variety of HR areas, including Human Resources Management, employment law, and diversity. Other electives will give students exposure to additional facets of Human Resources, including staffing, compensation and benefits, training and development, negotiations and conflict resolutions, international human resources, and/or performance management.

International Relations Minor

Department of Political Science and Public Management

Location: Clement, 143

Phone: 931-221-7515

Website: www.apsu.edu/polysci

The International Relations minor adds value to any major by providing the tools necessary for understanding and navigating an ever-changing global environment. This minor is perfect for anyone interested in politics or the business world.

International Studies Minor

Dr. Beatrix Brockman

Chair, Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The minor is designed to enable students to be better prepared for positions with government, business, or industry with international connections. It strives to develop foreign language skills, helps to provide opportunities for students to study abroad, and seeks to promote international understanding.

Journalism Minor

Department of Communications

Location: Music and Mass Communication, 165

Phone: 931-221-7378

The Journalism minor allows students to develop skills for future careers at broadcast outlets, online news organizations, newspapers, and other print publications. The curriculum focuses on multimedia journalism and provides students, in any major, with the tools they will need to get their start in this rapidly evolving field. The minor requires 24 credit hours in Communication. For Professional Communication or Communication Media majors, these courses cannot duplicate required classes in your major. Website: <http://comm.apsu.edu/>

Latin American Studies Minor

Latin American Studies is an interdisciplinary minor designed to meet the needs of students interested in Latin American history and culture. It is hosted by the department of History and Philosophy, Languages and Literature and Political Science.

Latin Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Minor in Latin is well-suited for students who are interested in attaining a background in the Ancient Roman civilization from multiple angles. The curriculum provides a general grounding in Latin, the language of the Roman world with options for taking courses in Classical literature, culture, and archaeology. This minor also offers students the chance to participate in the Ancient Mediterranean Club, be initiated in Eta Sigma Phi, the national Classical Studies honorary organization, and publish in Austin Peay's own Philomathes: An Online Journal for Undergraduate Research in Classics.

Leadership Science Minor

Dr. Sue Evans

Chair, Department of Leadership

Professor

Location: Clement 143B

Phone: 931-221-1465 or 931-221-1437

Email: evanss@apsu.edu

Website: www.apsu.edu/leadership

The Leadership Science Program shares and expands the science and practice of leadership to equip current and future leaders. The program offers both individual courses and an 18-hour minor that bring together theory, research, and practice for students who wish to complement their major with the study of leadership. Open to all university students regardless of major, the curriculum is designed to expand students' learning experiences, enhance their career prospects, and enrich their personal and professional lives.

Students must complete 18 hours overall and a minimum of 12 hours of LDSP prefix courses to earn a minor in Leadership Science.

Linguistics Minor

Linguistics is the science of language. It is important because we use language every single day. We hear sounds. We form words and sentences. We meet people who speak differently from us. We notice differences in texts that were written over 100 years ago. Remarkably, we aren't very aware of what we must know in order to carry out these tasks and to perceive these differences! Linguistics is the field of study that fills that gap: the linguistics minor at APSU explores how sounds, words, and sentences work, how they change over time, and how they are used in society. The minor can open you up to the most important world you never knew existed! Being aware of linguistics can support a diverse range of future careers from teacher and speech pathologist to editor and lawyer. Linguistic awareness can help you be a stronger writer and reader. Linguists are busy at work on the teams that help Alexa, Siri, and Google interact with us. Linguists have even been called on to help solve crimes and create the constructed languages you may know from Star Trek, Game of Thrones, and Lord of the Rings.

Management Minor

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

Minoring in Management provides a firm foundation of the challenges and varied opportunities of a managerial career. The Management Minor requires 21-27 hours predominantly in Accounting, Economics, and Management. An advisor directs the student to those upper division courses most applicable to their major.

Marketing Minor

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

Minoring in Marketing provides a firm foundation of strategic thinking that determines the needs of a company or consumer and the development of solutions to meet those needs. The Marketing Minor requires 21-27 hours predominantly in Accounting, Economics, and Marketing. An advisor directs the student to those upper division courses most applicable to their major.

Mathematics Minor

Department of Mathematics and Statistics

Location: Maynard Mathematics and Computer Science Building

Room 205

Phone: 931-221-7833

Website: www.apsu.edu/mathematics/

The Mathematics Minor is intended for students who would like to enhance their quantitative skills and analytical ability. It is the perfect addition for students who are graduating with a major in computer science, physics, business, and engineering. The minor requires 18 - 20 credit hours including 6 upper-division credit hours.

Military Science and Leadership Minor

Department of Military Science & Leadership

Memorial Health Building

Phone: (931) 221-6156

Toll Free: (800) 581-7394

Fax: (931) 221-6147

Music Minor

The Music Minor allows students to hone their musical abilities and perform in ensembles with other music majors and minors. Students receive private instruction on their instrument or voice, learn the theoretical language of music to enable greater literacy and understanding, and explore other musical academic studies across a diverse range of courses. Ideal for anyone who wants to continue to play or sing while earning a degree in another field, the Music Minor pairs well with most other degree plans.

Occupational Health Psychology Interdisciplinary Minor

Department of Psychological Science and Counseling

Location: Clement Bldg., Room 205

Phone: 931-221-7233

Website: www.apsu.edu/psychology

Occupational Health Psychology (OHP) addresses the application of psychological and health-related knowledge to improve the quality of work life, and to protect and promote the safety, health and well-being of workers. The National Institute of Occupational Safety and Health (NIOSH), a division of the Centers for Disease Control and Prevention (CDC), has urged that this field give special attention to the primary prevention of organizational risk factors for stress, illness, and injury at work. Courses in this interdisciplinary minor use the approach of various behavioral health disciplines to explore relevant theories, methodologies, and empirical research linking the psychosocial and physical work environment with overall employee health and well-being. According to NIOSH, topics typically addressed in OHP programs include:

- Survey of occupational safety and health
- Job stress theory and mechanisms
- Organizational risk factors for occupational stress, injury, and illness.
- Health implications of stressful work, including physical and psychological health, and social and economic outcomes.
- Organizational interventions (e.g., work redesign) and programs (e.g., employee assistance programs, work-family programs) for reduction of occupational stress, illness and injury.
- Research methods and practices in public/occupational health and epidemiology.

For advising, contact Dr. Adriane Sanders, Associate Professor of Psychological Science (sandersam@apsu.edu).

(18 hours, maximum of nine (9) from the same discipline)

Philosophical Studies Minor

Department of History and Philosophy

Location: Harned Hall, Room 340

Phone: 931-221-7919

Website: www.apsu.edu/history

The Philosophical Studies Minor is one of three minors offered by the Philosophy and Religion program. The Philosophical Studies curriculum is designed to encourage students to think critically and creatively about human existence and the nature of reality. It emphasizes (1) training in critical reasoning and logical analysis; (2) an understanding of the many methods of human inquiry; (3) a survey of the history of philosophy and the history of ethics; (4) the analysis and appreciation of values and their application to moral and political issues; (5) a reflective and tolerant exploration of religion; and (6) the growth of a personal philosophy based on the lifelong search for and appreciation of truth, knowledge, goodness, and beauty. The program gives students a foundational understanding of philosophical ideas and an ability to engage in philosophical analysis, both of which are

applicable to a range of careers and areas of future study. Philosophical study is valued by many employers as an indicator of analytical ability. Philosophy Majors are among the highest scorers of any major on standardized tests. The minor combines well with pretty much any major by contributing to intellectual background and critical thinking ability that can help in the understanding and application of that other field.

Photography Minor

Department of Art and Design
Location: Art and Design Building, Room 235
Phone: 931-221-7333
Website: www.apsu.edu/art-design/

The Photography minor is for students wanting to learn the basic skills of photography without the immersive art study for majors. Students will gain experience with both digital and darkroom photography.

Physical Education Minor

Department of Health and Human Performance Location: Dunn Center, Room 268 Phone: 931-221-6111 Website: www.apsu.edu/hhp/ The physical education minor offers a collection of activity and content based courses for someone who has an interest physical education. Completion of the 18 credit minor does not meet Tennessee licensure requirements.

Physics Minor

Department of Physics and Astronomy
Building–Sundquist Science Center
Room B332
Phone (931) 221-6116
Website: www.apsu.edu/physics/physicsmajor.php

A physics minor is the perfect addition for a science major who would like to enhance their understanding of the fundamental processes of nature or for a mathematics major who would like some insight into applied topics.

Political Science Minor

Department of Political Science and Public Management Location: Clement Bldg., Room 143 Phone: 931-221-7515
Website: www.apsu.edu/polysci The political science program at Austin Peay is designed for students who want to work in campaigns and government; teach government and history in high school; or who want a traditional liberal arts major which prepares them to think critically and enter a wide variety of business and other nongovernmental organizations. Our majors have many law courses to choose from and students who minor in pre-law are also prepared for law school and graduate school. Courses cannot be counted in both the major and minor. For the major, a departmental exit exam is required the last semester before graduation as well as the successful completion of the new senior capstone course.

Popular Culture Minor

Department of Communication Arts

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

The Popular Culture minor teaches students a host of methods for critically understanding popular culture. As part of this minor students examine things like film, popular music, TV shows video games, social media, sports, and other new and developing forms of popular cultural expression. The minor requires 18 credit hours in Communication. For Professional Communication or Communication Media majors, these courses cannot duplicate required classes. Website:

www.apsu.edu/communication/index.php

Pre-Law Minor

Department of Political Science and Public Management

Location: Clement Bldg., Room 143

Phone: 931-221-7515

Website: www.apsu.edu/polysci

This is a minor for Austin Peay State University undergraduate students who are interested entering law school upon graduation from the University. It is designed as an interdisciplinary minor that will draw on courses from the disciplines of political science, public management, and philosophy. This minor seeks to develop critical and analytical thinking skills that will prepare students for the Law School Admissions Test (LSAT) and law school.

Pre-Professional Health Minor

Students who are planning to go on to health graduate programs (medicine, dental, pharmacy, physician's assistant, physical therapy, etc.) should consider declaring a pre-professional health minor. This serves as a way for the student and advisor to ensure that all the courses needed to be competitive for the various professional schools are taken in a systematic way. Declaring a pre-professional minor is also helpful for financial planning with Veterans Affairs and Financial Aid as required professional school pre-requisite coursework may fall outside a student's major or core coursework.

Professional Education Minor

The Professional Education Minor for PK-3 and K-5 Education prepares students for teaching in grades PK-3 and K-5. Successful completion of clinical practice (with seminar) and Tennessee-mandated licensure examinations leads to teaching licensure for the grade levels selected. Testing requirements, electronic portfolio development, and other prerequisites for admission to Teacher Education will require consultation with an education advisor.

Professional Education Minor for Secondary and K-12 Education

Department of Teaching and Learning
Location: Claxton, 210
Phone: 931-221-7696
Website: www.apsu.edu/educ/

The Professional Education Minor for Secondary & K-12 Education prepares students for teaching in grades 6-12 and/or selected K-12 programs. Successful completion of clinical practice (with seminar) and Tennessee-mandated licensure examinations leads to teaching licensure for the content area and grade levels selected. Testing requirements, electronic portfolio development, and other prerequisites for admission to Teacher Education will require consultation with an education advisor.

Professional Writing Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Professional Writing helps students in a variety of disciplines learn how to prepare documentation for common workplace communications; how to use technology; and how to accomplish professional tasks, such as designing training manuals; writing instructional guides; editing graphics; valuing writer-editor relationships; creating informative slide presentations; generating marketing materials; and honing proofreading skills. The Professional Writing minor also includes discussions of desktop publishing, effective interviewing techniques, drafting impressive letters of application, and sharpening resume-writing skills. Students discuss nuances of language and usage to refine the craft of constructing written and/or oral communication in a way that is easily understood by its intended audience to narrate, inform, compare, persuade, describe, or instruct.

Psychological Science Minor

Department of Psychological Science and Counseling
Location: Clement Bldg., Room 205
Phone: 931-221-7233
Website: www.apsu.edu/psychology

The department houses a variety of laboratory facilities to provide learning and research opportunities. Laboratories for vision, cognitive development, animal learning and bio-psychology, and counseling skill development are available for faculty and student research and clinical practice. Rooms equipped with one-way observation windows, video and other monitoring equipment are available for counseling, assessment and testing, and human research. The department has arranged for intern and practicum experiences for our students with a variety of community agencies, organizations, and businesses.

Public Management Minor

Department of Political Science and Public Management Location: Clement Bldg., Room 143 Phone: 931-221-7515
Website: www.apsu.edu/polysci The Public Management minor adds value to any major by providing the tools necessary where you will gain the practical work experience – and technical and managerial skills – needed to succeed in a variety of leadership roles. Your courses and experiences will prepare you for careers in both public, quasi-public, and nonprofit sectors. Students will develop an understanding of the core competencies of public management – political and financial processes, personnel

administration, policy development and analysis, urban planning, and organizational theory and behavior – as they apply to a diverse workforce and citizenry. Our students graduate with a solid background in general areas of public management. Courses cannot be counted twice in the major and any minor.

Real Estate Minor

Department of Accounting, Finance and Economics Chair: Dong Nyonna, Ph.D. Location: Kimbrough Bldg., Room 234 Phone: 931-221-7578 Email: nyonnad@apsu.edu Website: <http://www.apsu.edu/business> Minor in Real Estate provides a firm foundation for students interested in preparing for careers within the real estate market and its related industries. Real Estate Minor requires 18 upper division courses predominantly in finance and real estate. An advisor directs the student to those upper division courses most applicable to their major.

Recreation Minor

The purpose of the Recreation Minor is for students who have interest in pursuing a career providing recreational and leisure services in a number of settings within a community. All undergraduate degree seeking students are eligible to complete the minor which is 18 hours of prescribed courses.

Religious Studies Minor

The Religious Studies minor involves comparative and interdisciplinary study of the world religions. Religious worldviews and the role of religion in history and culture are explored. This minor, or the Religious Studies Concentration in the Philosophy and Religion major, is good preparation for seminary or other careers in or advanced study of religion.

Social Media Minor

Students in the Social Media Minor will gain knowledge and skills that require them to use enhanced analytical as well as creative skills to increase their critical thinking. Students with this minor have the potential to find jobs as Social Media Associates, Social Media Managers, Social Media Marketers, Social Media Directors, or Social Media Influencers. This is not an all-inclusive list of potential careers for this minor as students can also apply these skills in other fields and areas. Emphasis will be placed on: theories and concepts; content creation; application; analytics; campaigns; real world applications; ethics; content analysis; job market.

Sociology Minor

Department of Sociology and Community Development

Location: McCord Bldg., Room 205

Phone: 931-221-7540

Website: www.apsu.edu/sociology

The minor in Sociology is intended for those students who want to gain an overview of the discipline and to sample some of the specialized areas of study within it. The Sociology Minor can help you in almost any career including business, education, public administration, social work, as well as preparation for graduate or professional studies.

Spanish Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Spanish minor exposes students to an advanced proficiency level that will enable them to communicate (write, speak, and read) in the target language to discuss the cultural and historical heritage of the Hispanic world. Other courses in the minor provide competency in linguistics, translation, and Spanish for professionals.

Special Education K-8 Interventionist Minor

Special Education Minor is an integrated approach designed to prepare general education practitioners with the skills needed to teach in today's inclusive classroom. This systematic approach provides pre-service teachers with a clearly defined path focused on the foundations of education and cognitive interventions to ensure candidates graduate with the knowledge needed to support all learners.

Studio Art Minor

Department of Art and Design

Location: Art and Design Building, Room 235

Phone: 931-221-7333

Website: www.apsu.edu/art-design/

The Studio Art Minor is for students who want experience in only one discipline (such as Printmaking, Painting, Ceramics, Sculpture, Drawing, Digital Media, etc.) without the immersive art study for majors.

Teaching English to Speakers of Other Languages (TESOL) Minor

Undergraduate TESOL Minor offered at College of Education at Austin Peay State University is an 100% online interdisciplinary program. It is designed to produce graduates who possess essential and qualified pedagogical skills in TESOL curriculum and instruction.

Theatre Minor

Department of Theatre and Dance
Location: Trahern Bldg., Room 208
Phone: 931-221-6767
Website: www.apsu.edu/theatre-dance

The Theatre minor equips students with a broad foundation of theatrical course work including Acting, Theatre Design, Stage Management, and Theatre History. The minor provides students with access to a wide array of classes from the Department of Theatre and Dance which allows students to build a minor that meets their personal and professional goals. The minor requires 18 hours of coursework in Theatre; 9 hours of coursework are prescribed by the department and 9 hours are determined in consultation with an advisor in the department.

Water Resources Management Minor

Department of Geosciences Location: McCord Bldg., Room 203 Phone: 931-221-7454 Website: <http://www.apsu.edu/geosciences> The Minor in Water Resources Management (WRM) prepares students for addressing current problems with surface and subsurface water quantity and quality. Coupled with current advances in geospatial mapping sciences and technology, the minor provides a level of specialization at the undergraduate level that enables geoscience students to make valuable contributions to hydrological investigation and remediation. Students that complete the minor significantly enhance their employment opportunities, especially with environmental consulting agencies and governmental regulating agencies, as well as research in university graduate programs. The minor has applications to environmental protection and natural resources fields such as Agriculture, Biology, Geology, and Engineering.

Web Technology Minor

The Web Technology Minor will introduce students to the basic areas of Web page design, creation, and management. It includes an introduction to programming, an introduction to web development and web page design, an introduction to scripting using several platforms, and an introduction to database management. Students pursuing the B.S. Computer Information Technology major with the Web and Database concentration may not also pursue a Web Technology minor.

Women's and Gender Studies Minor

Dr. Beatrix Brockman
Chair, Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

The Women's and Gender Studies Program offers interdisciplinary training for examining the complex questions and practices related to women and gender. Students have opportunities to engage in research, creative work and internships as well as campus and community activities. The Women's and Gender Studies minor offers a wide range of courses that focus on gender, race, class, sexual orientation, sexual identity and disabilities. Students are empowered with the knowledge, skills and resources about issues in the area of social justice locally, nationally, and internationally.

Students are strongly advised to select courses from a variety of disciplines to ensure a broad spectrum of learning and to seek advisement from the Women's and Gender Studies Coordinator.

Other courses may be approved by the coordinator.

Honors Program

Honors Program

Location: Honors Commons

Directors Office: MH 100A

Phone: 931-221-7403

E-mail: honors@apsu.edu

High-achieving students are driven by a deep sense of curiosity about multiple areas of study. They want the opportunity to enrich their learning in an interdisciplinary context as well as to deepen their learning in their chosen field. The Honors Program at Austin Peay provides both opportunities.

The program is open to students in all majors. Students have the opportunity to graduate with Honors by taking a combination of lower division (1000-2000 level) and upper-division (3000-4000 level) courses that are designated as Honors courses. The Honors Program at APSU is discipline specific. That means that your required upper-division coursework in Honors will be in your major. Honors students also have the option to enroll in special seminars outside of their major. Honors students are encouraged to study a foreign language and to study abroad. A limited number of scholarships is available through the Honors Program to assist students who wish to study abroad. Honors students receive multiple benefits including priority registration and 24 hour a day access to the Honors Commons.

Students who enter the program as freshmen must choose either option A or option B to meet the requirements in order to graduate from the Honors Program:

Option A:

Complete a minimum of twenty-five hours of Honors coursework to be distributed as follows:

YEAR	FALL	SPRING
Freshman	HON 1000; HON 1045	HON 2220
Sophomore	HON 2510	HON 2510
Junior	Course designated by department	Course designated by department
Senior	HON 4050* or equivalent	HON 4050* or equivalent

*All students in option A must complete a thesis, a project, or accomplish additional assignments connected with their student teaching (Education majors) or clinicals (Nursing students).

Option B:

Same as above except that students will not take the HON 4050 courses but will instead complete honors coursework at the 3000 - 4000 level for a total of 25 hours of credit.

*The requirements for transfer students are established on an individual basis.

Application process

In order to apply for the Honors Program, students

- 1) must have a minimum 3.50 GPA unweighted
- 2) *should* have a broad academic background
- 3) *should* have an ACT score of 26 or better

Exceptions can be made to numbers 2 and 3.

To apply for the Honors Program, please visit:

<https://www.apsu.edu/honors/apply.php>

Students who are accepted to the Honors Program can apply for housing with other Honors students.

For more information, contact Honors@apsu.edu

President's Emerging Leaders Program (PELP)

The President's Emerging Leaders Program (PELP) is the premier undergraduate leadership program at Austin Peay State University. The purpose of PELP is to prepare students at APSU for a lifetime of leadership. The program provides the unique opportunity to study leadership in a classroom setting and to develop leadership skills through supervised field experiences. Selection for this program is highly competitive. Students selected for the program receive an annual scholarship.

Students who are admitted into the President's Emerging Leaders Program (PELP) have, by the time of their application to Austin Peay State University, already demonstrated significant achievements as leaders and scholars. Once they arrive on campus, PELP students continue to develop their leadership skills in a rigorous academic environment.

PELP students prepare for leadership roles related to their academic interests and career aspirations through a combination of leadership courses, community and service learning projects, mentoring experiences, academic presentations, and other activities. PELP students receive an annual scholarship of \$3,000 that is renewable over a four-year period provided that specific program requirements are met. PELP students also have priority registration and 24/7 access to the Honors Commons, a study and lounge area reserved for PELP and Honors students. The Honors Commons is located in the Memorial Health building.

Eligibility Requirements

High-school students are accepted into the program based on the following qualifications:

1. Minimum high school GPA of 3.60;
2. Minimum ACT of 24;
3. Evidence of participation in high-school and community activities;
4. Evidence of leadership and service throughout the high-school experience; and,
5. One letter of reference from a high-school official (principal, counselor, teacher, etc.) or a trusted church or community member.

Application Process

Students should complete the on-line application found at <http://www.apsu.edu/pelp/apply.php>

(Please note that the application process includes an interview that will be conducted in-person or electronically).

Requirements for Students Accepted into PELP

- A. Students must be enrolled in at least 12 credit hours each semester and must maintain a 3.50 overall (institutional) GPA.
- B. Upper-class PELP students must serve as mentors to entering PELP freshmen.
- C. Students must complete a minimum of 40 hours of community service each year.
- D. Students may be required to attend events connected with PELP/HONORS, such as visits to the City Council, Rotary Club, and other similar events.
- E. PELP students are required to take the following 1 credit hour courses:

Fall of Freshman Year

- PELP 1000 - Freshman Seminar 1

Spring of Freshman Year

- PELP 1020 - Argument and Persuasion 1

Fall of Sophomore Year

- PELP 2010 - The Ethics of Leadership 1

Spring of Sophomore Year

- PELP 2020 - Leadership Communication Skills 1

Fall of Junior Year

- PELP 3010 - Problem Solving in Leadership 1

Winter Term of Junior Year

- PELP 3110 3

Spring of Junior Year

- PELP 3020 - Great Leaders 1

Fall of Senior Year

- PELP 4010 - Special Topics in Leadership 1

Spring of Senior Year

- No course is required

Additional Information

For information on applying for PELP or Honors, please visit <https://www.apsu.edu/pelp/apply> or contact Dr. Tim Winters, Director of Honors and PELP at PELP@apsu.edu or by telephone at 931-221-7118. The director's office is in room 100A of the Memorial Health building.

General Education

General Education

General Education at APSU

General education at APSU is a diverse curriculum of related ideas and experiences to prepare students to live and work in a global society. The General Education Core aims to facilitate the development of foundational knowledge, skills and values that empower students to realize their full potential and inspire them to make positive contributions in a global society.

All undergraduate students complete the General Education Core, which includes required courses in communication, history, humanities and/or fine arts, mathematics, natural science, and social and behavioral sciences. By taking courses in the General Education Core, students develop foundational knowledge in a variety of disciplines, as well as skills and awareness in communication, quantitative reasoning, inquiry and analysis, reflection and connection, critical reasoning, and global perspectives.

General Education Subject Areas

Communication

Why Study Communication?

Effective communication is essential for success in any major or career field. APSU's general education core requires students to take courses in English Composition and Public Speaking that are specifically designed to help them build and strengthen their written and oral communication skills. These courses engage students in a process of critical thinking, researching and organizing data from credible sources, critiquing, writing, reviewing, revising and editing expository essays, and delivering informative and persuasive speeches. In addition, general education courses, in a variety of subject areas, invite students to practice communication across genres and styles by exposing them to different communication technologies, texts, data, and images.

Practical Skills:

General education provides students valuable opportunities to build and sharpen their communication skills in diverse perspectives and contexts beyond any specific academic discipline. Students gain experience with writing and speaking that allow them to become ethical, effective and well-rounded communicators in their communities and professions.

History

Why Study History?

The study of history provides us not only with information about when and how historical events unfolded, but also why history took certain roads and not others. This perspective in turn helps us understand how and why whole societies changed over time, in addition to giving us a better sense of how we as individuals fit both within our own society and the global community. Finally, through the study of individual historical actors who faced triumphs and adversities, we gain an expanded perspective on our own individual trajectories and our own moral compass.

Practical Skills:

The study of history always involves the assessment of various forms of evidence, such as texts, visual representations, or statistical data. Historians compare competing interpretations of the available evidence, describe patterns of change, evaluate existing arguments about historical change, and present their perspectives by writing and speaking about their research. These many practical and highly transferable skills remain useful in numerous professional contexts that require an ability to examine information, to detect patterns, and to describe and present those patterns in a cogent manner.

Humanities and/or Fine Arts

Why Study the Humanities?

Humanities and Fine Arts courses invite students into the beauty, mystery, and power of human culture through disciplines such as literature, language, art, music, dance, theatre, philosophy, ethics, and religion. Students will learn how artistic and literary expression contributes to the development of self and society.

Practical Skills:

Requiring reflection and discernment, the arts and humanities encourages the development of personal identity and respect for others' identities. Students develop social responsibility and global awareness as they evaluate diverse perspectives and differentiate between fact and interpretation. Study of the arts provides greater depth to the understanding of history and social sciences, as art remains as an artifact, a primary source through which we can delve into the intricacies and impacts of human existence. Students consider humanistic questions, solve problems, and take risks as they develop tangible, transferable skills such as critical thinking, creative problem solving, and adaptability.

Mathematics

Why Study Mathematics?

Mathematics teaches students to develop logical ways of approaching problems, to study and analyze patterns in all types of real world situations, and to interpret information shown in many different forms. Mathematicians value the precise use of language, a varied use of representations, and approaching problems from many different perspectives. Students may encounter mathematics in courses such as algebra, geometry and statistics, but also in a variety of other courses like data mining, business calculus, and mathematics courses designed for specific career paths.

Practical Skills:

Developing an understanding of mathematics will help students in their everyday lives by enabling them to understand the world around them. For example, students will be able to use their understanding of mathematics to make informed financial decisions in their personal lives and to reason quantitatively to draw objective conclusions about data they encounter. In addition to being an informed citizen able to understand data and numbers in the world around them, students can make use of mathematics in many other academic areas. For example, students in the social sciences use mathematics to study voting, social justice inequities, and solve crimes. Students in education use mathematics to study effective teaching methods and to evaluate the learning of students in school. Students in the natural sciences use mathematics to study the spread of diseases, develop new medicines, and to study the Earth. Students in business use mathematics in accounting, finance, marketing, and economics. No matter the career path a student chooses, having a deep understanding of mathematics will benefit them in numerous ways.

Natural Science

Why Study Natural Science?

The world is becoming ever more dependent on understanding science. In order for people to realize their full potential and to engage as well-educated global citizens, they must be able to understand and assess scientific information. These courses also contain laboratory components that help students to understand the significance of the course material through practical application. The general education core aims to facilitate the development of foundational knowledge, skills, and values that empower students to realize their full potential and inspire them to make positive contributions in a global society.

Practical Skills:

It is crucial that graduates be able to distinguish between science and pseudoscience. These courses will provide students with opportunities to make observations, ask questions, and gain insight to the mechanisms by which the natural world functions. People need to understand science in order to make informed decisions regarding complex topics such as climate change, energy production, health and the future of our planet.

Social and Behavioral Sciences

Why Study Social Sciences?

The social sciences section of the general education core systematically examines human behavior in society. Diverse fields in the social sciences include African American studies, communications, criminal justice, economics, geography, health and human performance, leadership and organizational administration, political science, psychological science, sociology, social work, and women's and gender studies. Social science disciplines focus upon the interdisciplinary study of society in an increasingly complex and diverse world. The relationships between individuals, institutions, and communities are examined. Social sciences are designed to instill a better understanding of the nuances of human behavior through quantitative and qualitative analysis. Social science research collects data to establish patterns of human interaction in order to both explain and predict human behavior.

Practical Skills:

In studying the social sciences, students develop an expansive view of the complexities of society. Social and civil engagement are made more meaningful through this holistic view. Greater understanding of differences fostered by social science courses help students to better participate productively in society as concerned citizens and members of the human community.

APSU Courses for General Education Core

Common Bulletin Statement Regarding General Education

Effective Fall Semester 2004, each institution in the State University and Community College System of Tennessee share a common lower division general education core curriculum of forty-one (41) semester hours for baccalaureate degrees and the Associate of Science degrees. Lower division means 1000 and 2000 level courses. The courses comprising the general education curriculum are contained within the following subject categories.

I. Communication

Complete the below courses:

- ENGL 1010 - English Composition I 3
- COMM 2045 - Public Speaking 3

Complete one course from:

- ENGL 1020 - English Composition II 3
- HON 1045 - Foundations of Interdisciplinary Thinking 3 (restricted to admitted Honors Program students)

Total Hours 9

II. History

Complete two (2) courses from the list below:

- HIST 2010 - Early United States History 3
- HIST 2020 - Modern United States History 3
- HIST 2030 - History of Tennessee 3
- HIST 2310 - Early World History 3
- HIST 2320 - Modern World History 3

Total Hours 6

III. Humanities and/or Fine Arts

Complete one (1) course from:

- ENGL 2330 - Topics in World Literature 3
- HON 2220 - Cultural Conversations 3 (restricted to admitted Honors Program students)

Complete Option A or Option B:

A. Complete two courses from different disciplines, only one of which may be a foreign language course:

- ART 1035 - Introduction to Art 3
- DANC 1200 - Introduction to Dance 3
- MUS 1030 - Introduction to Music 3
- MUS 2030 - World Music 3
- MUS 2200 - Popular World Music 3
- PHIL 1030 - Introduction to Philosophy 3
- PHIL 1040 - Introduction to Ethics 3
- PHIL 2200 - Religion and the World 3
- THEA 1030 - Introduction to Theatre 3
- FREN 1010 - Introductory French I 3
- FREN 1020 - Introductory French II 3
- GERM 1010 - Introductory German I 3
- GERM 1020 - Introductory German II 3
- GREK 1010 - Introductory Greek I 3
- GREK 1020 - Introductory Greek II 3
- LATN 1010 - Introductory Latin I 3
- LATN 1020 - Introductory Latin II 3
- SPAN 1010 - Introductory Spanish I 3

- SPAN 1020 - Introductory Spanish II 3
B. Complete a Foreign Language sequence from below:
- FREN 1010 - Introductory French I 3
and
FREN 1020 - Introductory French II 3
- GERM 1010 - Introductory German I 3
and
GERM 1020 - Introductory German II 3
- GREK 1010 - Introductory Greek I 3
and
GREK 1020 - Introductory Greek II 3
- LATN 1010 - Introductory Latin I 3
and
LATN 1020 - Introductory Latin II 3
- SPAN 1010 - Introductory Spanish I 3
and
SPAN 1020 - Introductory Spanish II 3

Total Hours 9

IV. Mathematics

Complete one (1) course from the list below:

- MATH 1010 - Mathematics for Society 3
- MATH 1110 - Algebraic Problem Solving 3
- MATH 1420 - Structure of Mathematical Systems II 3
- MATH 1530 - Elements of Statistics 3
- MATH 1710 - Precalculus Algebra 3
- MATH 1730 - Precalculus 4
- MATH 1810 - Elements of Calculus 3
- MATH 1910 - Calculus I 4

Total Hours 3-4

V. Natural Sciences

Complete two science with lab courses:

- ASTR 1010 - Planetary Astronomy 3 / ASTR 1011 1
- ASTR 1020 - Stellar Astronomy 3
/ ASTR 1021 1
- BIOL 1010 - Introduction to Biology 3 / BIOL 1011 1
- BIOL 1020 - Diversity of Life 3 / BIOL 1021 1
- BIOL 1040 - Human Biology 3 / BIOL 1041 1
- BIOL 1110 - General Biology I 3 / BIOL 1111 1
- BIOL 1120 - General Biology II 3 / BIOL 1121 1
- BIOL 2010 - Human Anatomy and Physiology I 3 / BIOL 2011 1
- BIOL 2020 - Human Anatomy and Physiology II 3 / BIOL 2021 1
- BIOL 2400 - Sustaining Biodiversity 4

- CHEM 1010 - Introductory Chemistry I 3 / CHEM 1011 1
- CHEM 1020 - Introductory Chemistry II 3 / CHEM 1021 1
- CHEM 1050 - Chemistry for Everyone 3 / CHEM 1051
- CHEM 1110 - General Chemistry I 3 / CHEM 1111 1
- CHEM 1120 - General Chemistry II 3 / CHEM 1121 1
- CHEM 1710 - Introduction to Chemistry and Physics 3 / CHEM 1711 1
- GEOL 1040 - Physical Geology 3
/ GEOL 1041 1
- GEOL 1050 - Historical Geology 3 / GEOL 1051 1
- PHYS 1010 - Concepts: Motion, Heat, and Sound 3 / PHYS 1011 1
- PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World 3 / PHYS 1021 1
- PHYS 1710 - Introduction to Chemistry and Physics 4
- PHYS 2010 - College Physics I 3 / PHYS 2011 1
- PHYS 2020 - College Physics II 3 / PHYS 2021 1
- PHYS 2110 - University Physics I 3 / PHYS 2111 1
- PHYS 2120 - University Physics II 3 / PHYS 2121 1

Total Hours 8

VI. Social and Behavioral Sciences

Complete two (2) courses from different disciplines from the list below:

- AAST 2200 - Introduction African American Studies 3
- COMM 1110 - Media and Social Institutions 3
- CRJ 1010 - Introduction to Criminal Justice 3
- ECON 2000 - Contemporary Economics 3
- ECON 2100 - Principles of Macroeconomics 3
- GEOG 1015 - Physical Geography 3
- GEOG 1035 - World Geography 3
- GEOG 1045 - Popular World Geography 3
- HHP 1250 - Wellness Concepts and Practice 3
- LDSP 2100 - Foundations of Leadership Science 3
- POLS 2000 - Introduction to Politics 3
- POLS 2010 - American National Government 3
- POLS 2040 - Introduction to Public Policy 3
- POLS 2070 - International Politics 3
- PSYC 1030 - Introduction to Psychology 3
- PSYC 1050 - Psychology of Modern Culture 3
- SOC 1010 - Introduction to Sociology 3
- SOC 1040 - Social Problems 3
- SOC 2900 - Marriage and the Family 3
- SW 2110 - Introduction to Social Work 3
- WGS 2050 - Women and Culture: Introduction to Women's and Gender Studies

Total Hours 6

Total Hours 42

College of Arts and Letters

Location: Harned Hall, 132

Phone: 931-221-6445; Fax: 931-221-1024

E-mail: jonesb@apsu.edu

Website: www.apsu.edu/coal/

The College of Arts and Letters includes the departments of Art and Design, Communication, History and Philosophy, Languages and Literature, Music, Theatre and Dance. Programs in African American Studies, International Studies, and Women's and Gender Studies provide additional minors for all majors on campus. The college also houses the Center of Excellence in the Creative Arts. These academic departments and programs are central to the arts mission of the University. Thinking critical and creativity, communicating effectively, learning about cultural diversity, and developing scholarship and lifelong learning skills are a few of the educational goals courses in the College of Arts and Letters provides.

Department of Art and Design

College of Arts and Letters

Location: Art and Design, 235

Phone: 931-221-7333

Website: www.apsu.edu/art/

Programs:

Bachelor of Arts

- Art (B.A.)

Bachelor of Fine Arts

- Art (B.F.A.)

Concentration

- Animation and Visual Effects Concentration BFA
- Art Education Concentration
- Art History Concentration
- Graphic Design Concentration BFA
- Studio Art Concentration
- Studio Art Concentration BFA

Minors (non-degree)

- Art History Minor
- Graphic Design Minor
- Photography Minor
- Studio Art Minor

Art (B.A.)

Location: Art and Design Building, Room 235

Phone: 931-221-7333

Website: www.apsu.edu/art-design/

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360 and
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: : Secondary Education.

Program CIP Code

30.50.0701.00

Concentrations

- Art Education Concentration
- Art History Concentration
- Studio Art Concentration

Art Education Concentration

Accreditations:

All programs in the Department of Art + Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements:

Admission to the B. F. A. and B. A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#)

Program CIP Code

30.50.0701.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Languages 2010 and 2020	6

Lower Division Courses

- ART 1045 - Drawing I 3
 - ART 1340 - Foundations Studio I 3
 - ART 1350 - Foundations Studio 2 3
 - ART 1360 - Foundations Studio 3 3
- Complete two courses from:**
- ART 2010 - Art History, Survey I 3
 - ART 2015 - Art History, Non-Western Survey 3
 - ART 2020 - Art History, Survey II 3

Total Hours 18

Upper Division Courses

- ART 3140 - Art Education I 3
- ART 3150 - Art Education II 3
- ART 3160 - Art Education III 3

Total Hours 9

Concentration Requirements

- EDUC 2100 - Foundations of Education 3
- EDUC 3001 - Educational Psychology - Secondary Education 3
- EDUC 4081 - Classroom Organization and Management - Secondary 3
- EDUC 4161 - Teaching Diverse Students 3
- RDG 4040 - Content Reading 3
- SPED 2300 - Introduction to Special Education 3

Total Hours 18

Student Teaching

Complete 12 hours from:

- EDUC 4410 - Undergraduate Student Teaching Grades K-3 5
- EDUC 4510 - Undergraduate Student Teaching Grades 4-5 5
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4710 - Undergraduate Student Teaching Grades 9-12 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2

Total Hours 12

Concentration Guided Electives

Complete two (2) courses from:

- ART 3200 - History of American Art 3
- ART 3210 - History of Italian Renaissance Art 3
- ART 3220 - History of Modern Art in Europe 3
- ART 3230 - History of Contemporary Art 3
- ART 324X - Special Topics in Art History 3
- ART 3250 - Native American Visual Culture 3
- ART 3280 - History of Baroque Art 3
- ART 3910 - Art and Design History Study Abroad 3

Complete five (5) courses from:

- ART 1050 - Drawing II 3

- ART 2030 - Printmaking I 3
- ART 2040 - Painting I 3
- ART 2050 - Ceramics I 3
- ART 2070 - Sculpture I 3
- ART 2090 - Photography I 3
- ART 2170 - Video Art I 3
- ART 2180 - Illustration I 3
- ART 2320 - Graphic Design I 3
- ART 2410 - Animation I 3
- ART 2420 - Digital 3D 3
- ART 3030 - Book Arts 3
- ART 3090 - Collage and the Found Image 3
- ART 3170 - Video Art II 3
- ART 3340 - Drawing III 3
- ART 3430 - Printmaking II 3
- ART 3440 - Painting II 3
- ART 3450 - Ceramic Sculpture 3
- ART 3530 - Printmaking III 3
- ART 3540 - Drawing IV, Thematic Development Drawing 3
- ART 3560 - Painting, Watermedia 3
- ART 3570 - Sculpture II 3
- ART 3590 - Photo Lighting Studio 3
- ART 3650 - Ceramics II 3
- ART 3900 - Studio Study Abroad 3
- ART 3940 - Form and Idea 3
- ART 4040 - Painting III 3
- ART 4050 - Ceramics III 3
- ART 4070 - Sculpture III 3
- ART 4080 - Illustration II 3
- ART 4090 - Problems in Art 3
- ART 410X - Topics in Studio Art 3
- ART 4190 - Advanced Photography 3

Total Hours 21

Total Program Hours 126

Art History Concentration

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Description

The Art History concentration will provide students with a depth of knowledge in the history of art across time and global cultures. Students will develop strong research and art writing skills, visual and interpretive analysis, and technical art-making skills in two different media. The modern language courses required for the BA degree is practical and necessary for art historical research (it is recommended, but not required that students study French or German).

Program CIP Code

30.50.0701.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Major Core Requirements

- ART 1045 - Drawing I 3
- ART 1340 - Foundations Studio I 3
- ART 1350 - Foundations Studio 2 3
- ART 1360 - Foundations Studio 3 3
- ART 2010 - Art History, Survey I 3

- ART 2015 - Art History, Non-Western Survey 3
- ART 2020 - Art History, Survey II 3

Total Hours 21

Concentration Requirements

- ART 4200 - Art History Thesis 3

Total Hours 3

Concentration Guided Electives

Complete seven courses from:

- ART 3200 - History of American Art 3
- ART 3210 - History of Italian Renaissance Art 3
- ART 3220 - History of Modern Art in Europe 3
- ART 3230 - History of Contemporary Art 3
- ART 3240 - Art History of Photography 3
- ART 324X - Special Topics in Art History 3
- ART 3250 - Native American Visual Culture 3
- ART 3280 - History of Baroque Art 3
- ART 3910 - Art and Design History Study Abroad 3
- ART 440I - Art Internship 3

Total Hours 21

Focus Areas

Ceramics

- ART 2050 - Ceramics I 3
- Complete two courses from:
- ART 3450 - Ceramic Sculpture 3
 - ART 3555 - Ceramic Slip Casting 3
 - ART 3650 - Ceramics II 3
 - ART 3900 - Studio Study Abroad 3
 - ART 4050 - Ceramics III 3
 - ART 410X - Topics in Studio Art 3

Drawing

- ART 1050 - Drawing II 3
- Complete two course from:
- ART 3340 - Drawing III 3

- ART 3540 - Drawing IV, Thematic Development Drawing 3
- ART 3900 - Studio Study Abroad 3
- ART 410X - Topics in Studio Art 3

Illustration

- ART 2180 - Illustration I 3
Complete two courses from:
- ART 3900 - Studio Study Abroad 3
- ART 4080 - Illustration II 3
- ART 4085 - Illustration III 3
- ART 410X - Topics in Studio Art 3

Painting

- ART 2040 - Painting I 3
Complete two courses from:
- ART 3440 - Painting II 3
- ART 3560 - Painting, Watemedial 3
- ART 3900 - Studio Study Abroad 3
- ART 4040 - Painting III 3
- ART 410X - Topics in Studio Art 3

Photography

- ART 2090 - Photography I 3
Complete two courses from:
- ART 3590 - Photo Lighting Studio 3
- ART 3900 - Studio Study Abroad 3
- ART 4190 - Advanced Photography 3
- ART 410X - Topics in Studio Art 3

Printmaking

- ART 2030 - Printmaking I 3
Complete two courses from:
- ART 3430 - Printmaking II 3
- ART 3530 - Printmaking III 3
- ART 3900 - Studio Study Abroad 3
- ART 410X - Topics in Studio Art 3

Sculpture

- ART 2070 - Sculpture I 3
Complete two courses from:
- ART 3450 - Ceramic Sculpture 3

- ART 3570 - Sculpture II 3
- ART 3900 - Studio Study Abroad 3
- ART 4070 - Sculpture III 3
- ART 410X - Topics in Studio Art 3

Total Hours 18

Free Electives

Total Hours 3-9

Foreign Language

- Students must complete 2010 and 2020 of a Foreign Language. However, they may also need to complete 1010 and 1020 as prerequisite courses.

Total Hours 6-14

Total Program Hours 120-122

Studio Art Concentration

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work.

Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Description

The B.A. in Studio Art is the ideal degree for students interested in receiving a broad education in the Liberal Arts while gaining a training in the Fine Arts. Students must select two (2) Art and Design foci and complete the entire sequence in each. Foci options include drawing, digital media, graphic design, illustration, painting, photography, printmaking, ceramics, sculpture, and animation. If drawing is selected as an area of focus, ART 1050 - Drawing II would be the first class in the drawing focus sequence.

Program CIP Code

30.50.0701.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	
Foreign Language	1

Lower Division Courses

- ART 1045 - Drawing I 3
- ART 1340 - Foundations Studio I 3
- ART 1350 - Foundations Studio 2 3
- ART 1360 - Foundations Studio 3 3

Complete two courses from:

- ART 2010 - Art History, Survey I 3
- ART 2015 - Art History, Non-Western Survey 3
- ART 2020 - Art History, Survey II 3

Total Hours 18

Upper Division Courses

- ART 4150 - Senior Thesis I 3
- Complete two courses from:**
- ART 3200 - History of American Art 3
 - ART 3210 - History of Italian Renaissance Art 3
 - ART 3220 - History of Modern Art in Europe 3
 - ART 3230 - History of Contemporary Art 3
 - ART 3240 - Art History of Photography 3
 - ART 324X - Special Topics in Art History 3
 - ART 3250 - Native American Visual Culture 3
 - ART 3280 - History of Baroque Art 3
 - ART 3910 - Art and Design History Study Abroad 3

Total Hours 9

Concentration Requirements

Drawing Foci:

- ART 1050 - Drawing II 3
- Complete two courses from:**
- ART 2180 - Illustration I 3
 - ART 3090 - Collage and the Found Image 3
 - ART 3340 - Drawing III 3
 - ART 3540 - Drawing IV, Thematic Development Drawing 3
 - ART 3900 - Studio Study Abroad 3
 - ART 410X - Topics in Studio Art 3

Digital Media Foci:

- ART 2170 - Video Art I 3
- Complete two courses from:**
- ART 2090 - Photography I 3
 - ART 3170 - Video Art II 3
 - ART 3370 - Web Design 3
 - ART 3900 - Studio Study Abroad 3
 - ART 410X - Topics in Studio Art 3
 - ART 440I - Art Internship 3

Illustration Foci:

- ART 2180 - Illustration I 3
Complete two courses from:
- ART 3090 - Collage and the Found Image 3
- ART 3560 - Painting, Watermedia 3
- ART 3900 - Studio Study Abroad 3
- ART 4080 - Illustration II 3
- ART 4085 - Illustration III 3
- ART 410X - Topics in Studio Art 3

Painting Foci:

- ART 2040 - Painting I 3
Complete two courses from:
- ART 3090 - Collage and the Found Image 3
- ART 3440 - Painting II 3
- ART 3560 - Painting, Watermedia 3
- ART 3900 - Studio Study Abroad 3
- ART 4040 - Painting III 3
- ART 410X - Topics in Studio Art 3
- ART 440I - Art Internship 3

Photography Foci:

- ART 2090 - Photography I 3
Complete two courses from:
- ART 3195 - Darkroom Photography 3
- ART 3590 - Photo Lighting Studio 3
- ART 3900 - Studio Study Abroad 3
- ART 410X - Topics in Studio Art 3
- ART 4190 - Advanced Photography 3

Printmaking Foci:

- ART 2030 - Printmaking I 3
Complete two courses from:
- ART 3030 - Book Arts 3
- ART 3430 - Printmaking II 3
- ART 3530 - Printmaking III 3
- ART 3900 - Studio Study Abroad 3
- ART 410X - Topics in Studio Art 3
- ART 440I - Art Internship 3

Ceramics Foci:

- ART 2050 - Ceramics I 3
- **Complete two courses from:**
- ART 3450 - Ceramic Sculpture 3
- ART 3555 - Ceramic Slip Casting 3
- ART 3650 - Ceramics II 3
- ART 3900 - Studio Study Abroad 3
- ART 4050 - Ceramics III 3
- ART 410X - Topics in Studio Art 3

Sculpture Foci:

- ART 2070 - Sculpture I 3
- **Complete two courses from:**
- ART 3450 - Ceramic Sculpture 3
- ART 3570 - Sculpture II 3
- ART 3900 - Studio Study Abroad 3
- ART 4070 - Sculpture III 3
- ART 410X - Topics in Studio Art 3
- ART 440I - Art Internship 3

Animation Foci:

- ART 2410 - Animation I 3
- **Complete two courses from:**
- ART 2420 - Digital 3D 3
- ART 3410 - Animation II 3
- ART 3420 - Visual Effects 3
- ART 3460 - Visual Effects II 3
- ART 4410 - Animation III 3

Total Hours 18

General Electives

Total Hours 27

Total Program Hours 120

Art (B.F.A.)

Location: Art and Design Building, Room 235

Phone: 931-221-7333

Website: www.apsu.edu/art-design/

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360 and
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Program CIP Code

30.50.0701.00

Concentrations

- Animation and Visual Effects Concentration BFA
- Graphic Design Concentration BFA
- Studio Art Concentration BFA

Animation and Visual Effects Concentration BFA

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work.

Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Description

Computer animation and cinematic digital imagery/effects are related and versatile skills for commercial artists. Covering topics such as hand drawn animation, 3D computer animation, digital model building, digital painting, visual effects compositing, live action green screen filming, motion capture technology, and virtual reality systems, students will gain a generalist knowledge of the field. Critical and thoughtful exploration of these subjects is essential for student understanding and appreciation for this quickly evolving form of art and media.

Program CIP Code

30.50.0701.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- ART 1045 - Drawing I 3
- ART 1050 - Drawing II 3

- ART 1340 - Foundations Studio I 3
- ART 1350 - Foundations Studio 2 3
- ART 1360 - Foundations Studio 3 3

Total Hours 15

Concentration Requirements

Lower Division Courses

- ART 2020 - Art History, Survey II 3
- ART 2090 - Photography I 3
- ART 2410 - Animation I 3
- ART 2420 - Digital 3D 3
- **Complete one course from:**
- ART 2010 - Art History, Survey I 3
- ART 2015 - Art History, Non-Western Survey 3

Total Hours 15

Upper Division Courses

- ART 3410 - Animation II 3
- ART 3420 - Visual Effects 3
- ART 3460 - Visual Effects II 3
- ART 4410 - Animation III 3
- ART 4250 - Animation Production Studio 3
- ART 4260 - Animation VFX Portfolio 3

Total Hours 18

Studio Art Courses

- ART 2030 - Printmaking I 3
- ART 2040 - Painting I 3
- ART 2050 - Ceramics I 3
- ART 2070 - Sculpture I 3
- ART 2170 - Video Art I 3
- ART 2180 - Illustration I 3
- ART 2320 - Graphic Design I 3
- ART 2520 - Typography I 3

Total Hours 6

Art History Courses

- ART 3200 - History of American Art 3
- ART 3210 - History of Italian Renaissance Art 3
- ART 3220 - History of Modern Art in Europe 3
- ART 3230 - History of Contemporary Art 3
- ART 3240 - Art History of Photography 3
- ART 324X - Special Topics in Art History 3
- ART 3250 - Native American Visual Culture 3
- ART 3280 - History of Baroque Art 3
- ART 3910 - Art and Design History Study Abroad 3

Total Hours 6

Concentration Guided Electives

- ART 3030 - Book Arts 3
- ART 3170 - Video Art II 3
- ART 3195 - Darkroom Photography 3
- ART 3340 - Drawing III 3
- ART 3370 - Web Design 3
- ART 3430 - Printmaking II 3
- ART 3440 - Painting II 3
- ART 3450 - Ceramic Sculpture 3
- ART 3530 - Printmaking III 3
- ART 3540 - Drawing IV, Thematic Development Drawing 3
- ART 3555 - Ceramic Slip Casting 3
- ART 3560 - Painting, Watemedial 3
- ART 3570 - Sculpture II 3
- ART 3590 - Photo Lighting Studio 3
- ART 3650 - Ceramics II 3
- ART 3900 - Studio Study Abroad 3
- ART 3940 - Form and Idea 3
- ART 4040 - Painting III 3
- ART 4050 - Ceramics III 3
- ART 4070 - Sculpture III 3
- ART 4080 - Illustration II 3
- ART 4085 - Illustration III 3
- ART 410X - Topics in Studio Art 3
- ART 4190 - Advanced Photography 3
- ART 440I - Art Internship 3

Total Hours 18

Total Program Hours 120

Graphic Design Concentration BFA

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Description

The Graphic Design concentration for the B.F.A. is for students seeking to work in the field of graphic design. Through a combination of courses in typography, web design, and visual communication, students will learn how to participate in the creative economy.

Program CIP Code

30.50.0701.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- ART 1045 - Drawing I 3
- ART 1340 - Foundations Studio I 3
- ART 1350 - Foundations Studio 2 3
- ART 1360 - Foundations Studio 3 3

Total hours 12

Concentration Requirements

Lower Division Courses

- ART 2020 - Art History, Survey II 3
- ART 2090 - Photography I 3
- ART 2320 - Graphic Design I 3
- ART 2520 - Typography I 3
- **Complete two courses from:**
- ART 1050 - Drawing II 3
- ART 2030 - Printmaking I 3
- ART 2040 - Painting I 3
- ART 2050 - Ceramics I 3
- ART 2070 - Sculpture I 3
- ART 2170 - Video Art I 3
- ART 2180 - Illustration I 3
- ART 2410 - Animation I 3
- **Complete one course from:**
- ART 2010 - Art History, Survey I 3
- ART 2015 - Art History, Non-Western Survey 3

Total Hours 21

Upper Division Courses

- ART 3270 - History of Graphic Design 3
- ART 3370 - Web Design 3
- ART 3520 - Typography II 3
- ART 4120 - Graphic Design II 3
- ART 4125 - Graphic Design III 3
- ART 4130 - Design Center 3
- ART 4155 - Design Portfolio 3
- ART 4165 - Design Showcase 3
- ART 4370 - Web Design II 3

Total Hours 27

Concentration Guided Electives

- **Complete one course from:**
- ART 3200 - History of American Art 3
- ART 3210 - History of Italian Renaissance Art 3
- ART 3220 - History of Modern Art in Europe 3
- ART 3230 - History of Contemporary Art 3

- ART 3240 - Art History of Photography 3
- ART 324X - Special Topics in Art History 3
- ART 3250 - Native American Visual Culture 3
- ART 3280 - History of Baroque Art 3
- ART 3910 - Art and Design History Study Abroad 3
- **Complete five (5) courses from:**
- ART 3030 - Book Arts 3
- ART 3090 - Collage and the Found Image 3
- ART 3170 - Video Art II 3
- ART 3195 - Darkroom Photography 3
- ART 3340 - Drawing III 3
- ART 3410 - Animation II 3
- ART 3420 - Visual Effects 3
- ART 3430 - Printmaking II 3
- ART 3440 - Painting II 3
- ART 3450 - Ceramic Sculpture 3
- ART 3460 - Visual Effects II 3
- ART 3530 - Printmaking III 3
- ART 3540 - Drawing IV, Thematic Development Drawing 3
- ART 3555 - Ceramic Slip Casting 3
- ART 3570 - Sculpture II 3
- ART 3590 - Photo Lighting Studio 3
- ART 3650 - Ceramics II 3
- ART 3900 - Studio Study Abroad 3
- ART 4040 - Painting III 3
- ART 4050 - Ceramics III 3
- ART 4070 - Sculpture III 3
- ART 4080 - Illustration II 3
- ART 4085 - Illustration III 3
- ART 4090 - Problems in Art 3
- ART 410X - Topics in Studio Art 3
- ART 4190 - Advanced Photography 3
- ART 440I - Art Internship 3
- ART 4410 - Animation III 3
- ART 4444 - Advanced Problem Solving in Graphic Design 3

Total Hours 18

Total Program Hours 120

Studio Art Concentration BFA

Accreditations

All programs in the Department of Art & Design are accredited by the National Association of Schools of Art and Design.

Admission Requirements

Admission to the B.F.A. and B.A. program is by application (usually at the end of the sophomore year), providing the student has met the following requirements:

1. Completion of: ART 1340, ART 1350, ART 1045, ART 1360
2. Completion of a Portfolio Review in which the faculty will vote based on the quality of the student's work. Should faculty vote to deny entrance to the program, the student may appeal and/or re-apply the following semester.

Description

The Studio Art concentration for the Bachelor of Fine Arts is for students seeking to prepare for art as a profession. Students will demonstrate proficiency in at least one studio area (drawing, painting, photography, ceramics, printmaking, sculpture, digital media, or illustration) through completion of the degree.

Program CIP Code

30.50.0701.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

- ART 1045 - Drawing I 3
- ART 1050 - Drawing II 3
- ART 1340 - Foundations Studio I 3
- ART 1350 - Foundations Studio 2 3
- ART 1360 - Foundations Studio 3 3

Total Hours 15

Concentration Requirements

Lower Division Courses

Complete two courses from:

- ART 2010 - Art History, Survey I 3
- ART 2015 - Art History, Non-Western Survey 3
- ART 2020 - Art History, Survey II 3

Complete four courses from:

- ART 2030 - Printmaking I 3
- ART 2040 - Painting I 3
- ART 2050 - Ceramics I 3
- ART 2070 - Sculpture I 3
- ART 2090 - Photography I 3
- ART 2170 - Video Art I 3
- ART 2180 - Illustration I 3
- ART 2410 - Animation I 3
- ART 2420 - Digital 3D 3

Total Hours 18

Upper Division Courses

- ART 4150 - Senior Thesis I 3
- ART 4160 - Senior Thesis II 3

Total Hours 6

Concentration Guided Electives

Complete two courses from:

- ART 3200 - History of American Art 3
- ART 3210 - History of Italian Renaissance Art 3
- ART 3220 - History of Modern Art in Europe 3
- ART 3230 - History of Contemporary Art 3
- ART 3240 - Art History of Photography 3
- ART 324X - Special Topics in Art History 3
- ART 3250 - Native American Visual Culture 3
- ART 3280 - History of Baroque Art 3
- ART 3910 - Art and Design History Study Abroad 3

Complete 11 courses from (one of these courses may be from the above option):

- ART 3030 - Book Arts 3
- ART 3090 - Collage and the Found Image 3
- ART 3170 - Video Art II 3
- ART 3195 - Darkroom Photography 3
- ART 3340 - Drawing III 3

- ART 3370 - Web Design 3
- ART 3410 - Animation II 3
- ART 3420 - Visual Effects 3
- ART 3430 - Printmaking II 3
- ART 3440 - Painting II 3
- ART 3450 - Ceramic Sculpture 3
- ART 3530 - Printmaking III 3
- ART 3540 - Drawing IV, Thematic Development Drawing 3
- ART 3555 - Ceramic Slip Casting 3
- ART 3560 - Painting, Watermedia 3
- ART 3570 - Sculpture II 3
- ART 3590 - Photo Lighting Studio 3
- ART 3650 - Ceramics II 3
- ART 3900 - Studio Study Abroad 3
- ART 3940 - Form and Idea 3
- ART 4040 - Painting III 3
- ART 4050 - Ceramics III 3
- ART 4070 - Sculpture III 3
- ART 4080 - Illustration II 3
- ART 4085 - Illustration III 3
- ART 4090 - Problems in Art 3
- ART 410X - Topics in Studio Art 3
- ART 4190 - Advanced Photography 3
- ART 440I - Art Internship 3

Total Hours 39

Total Program Hours 120

Art History Minor

Department of Art and Design

Location: Art and Design., Room 235

Phone: 931-221-7333

Website: www.apsu.edu/art-design/

The Art History Minor is for students with an interest in analyzing the meaning in artworks to better understand global cultures.

Minor Requirements

- ART 1035 - Introduction to Art 3
- ART 2010 - Art History, Survey I 3
- ART 2020 - Art History, Survey II 3

Total Hours 9

Minor Guided Electives

Select three (3) courses from the list below:

- ART 3200 - History of American Art 3
- ART 3220 - History of Modern Art in Europe 3
- ART 3230 - History of Contemporary Art 3
- ART 3240 - Art History of Photography 3
- ART 324X - Special Topics in Art History 3
- ART 3280 - History of Baroque Art 3
- ART 3910 - Art and Design History Study Abroad 3

Total Hours 9

Total Hours 18

Graphic Design Minor

Department of Art and Design

Location: Art and Design Building, Room 235

Phone: 931-221-7333

Website: www.apsu.edu/art/

The Graphic Design minor is for students wanting to build basic skills in Graphic Design. Students will be introduced to the discipline for both Web and Print Media without the immersive study by majors.

Minor Requirements

- ART 1045 - Drawing I 3
- ART 1340 - Foundations Studio I 3
- ART 1360 - Foundations Studio 3 3
- ART 2320 - Graphic Design I 3
- ART 2520 - Typography I 3
- ART 3270 - History of Graphic Design 3
- ART 3370 - Web Design 3

Total Hours 21

Minor Guided Electives

Select one (1) course from the list below:

- ART 3520 - Typography II 3
- ART 4120 - Graphic Design II 3
- ART 4370 - Web Design II 3

Total Hours 3

Total Hours 24

Photography Minor

Department of Art and Design
Location: Art and Design Building, Room 235
Phone: 931-221-7333
Website: www.apsu.edu/art-design/

The Photography minor is for students wanting to learn the basic skills of photography without the immersive art study for majors. Students will gain experience with both digital and darkroom photography.

Minor Requirements

- ART 1360 - Foundations Studio 3 3
- ART 2080 - Photo I for Non-Art Majors 3
- ART 3590 - Photo Lighting Studio 3
- ART 3195 - Darkroom Photography 3
- ART 4190 - Advanced Photography 3

Total Hours 15

Minor Guided Electives

Complete one course from:

- ART 3240 - Art History of Photography 3
- ART 4090 - Problems in Art 3
- ART 440I - Art Internship 3

Total Hours 3

Total Hours 18

Studio Art Minor

Department of Art and Design
Location: Art and Design Building, Room 235
Phone: 931-221-7333
Website: www.apsu.edu/art-design/

The Studio Art Minor is for students who want experience in only one discipline (such as Printmaking, Painting, Ceramics, Sculpture, Drawing, Digital Media, etc.) without the immersive art study for majors.

Minor Requirements

- ART 1340 - Foundations Studio I 3
- ART 1350 - Foundations Studio 2 3

Total Hours 6

Minor Guided Electives

Complete twelve (12) hours of approved ART courses of which six (6) should be in 3000 - 4999 level studio courses.

Total Hours 12

Total Hours 18

Department of Communication

College of Arts and Letters

Location: Music and Mass Communication, 165

Phone: 931-221-7378

Website: <http://comm.apsu.edu/>

Programs:

Bachelor of Arts

- Communication Media (B.A.)
- Professional Communication (B.A.)

Bachelor of Science

- Communication Media (B.S.)
- Professional Communication (B.S.)

Concentration

- Broadcast Media Concentration B.A.
- Broadcast Media Concentration B.S.
- Corporate Communication Concentration B.A.
- Corporate Communication Concentration B.S.
- Information Specialist Concentration B.A.
- Information Specialist Concentration B.S.
- Journalism Concentration B.A.
- Journalism Concentration B.S.
- Public Relations B.A.
- Public Relations B.S.
- Sports Communication Concentration B.A.
- Sports Communication Concentration B.S.

Minors (non-degree)

- Communication Arts Minor
- Event Planning Minor
- Journalism Minor
- Popular Culture Minor
- Social Media Minor

Communication Media (B.A.)

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

Website: www.apsu.edu/communication/

Description of Major

Three concentrations are available to students under the Communication Media major. Students are offered a wide array of courses leading to successful careers in Broadcast Media, Journalism, and Sports Communication.

Program CIP Code

05.09.0401.00

Concentrations

- Broadcast Media Concentration B.A.
- Journalism Concentration B.A.
- Sports Communication Concentration B.A.

Broadcast Media Concentration B.A.

Graduates in broadcast media are prepared for careers in a variety of broadcast and related areas, including on-air performance, behind the scenes operations, directing, audio and video production, promotion and management.

Program CIP Code

05.09.0401.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Major Core Requirements

Lower Division Courses

- COMM 1110 - Media and Social Institutions 3

Total Hours 3

Upper Division Courses

- COMM 4010 - Communication Theory 3
- COMM 4650 - Mass Media Law and Ethics 3
- COMM 4900 - Mass Communication Internship 3 to 9
Select three (3) credit hours from the Diversity courses listed below
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3
- COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Requirements

Lower Division Courses

- COMM 2140 - Principles of Radio and Television Production 3

Total Hours 3

Upper Division Courses

- COMM 3350 - Broadcast Announcing 3
- COMM 3450 - Broadcast News Writing 3
- COMM 3550 - Audio Production 1 3
- COMM 3760 - Video Production 1 3
- COMM 3810 - Live Studio Production 3
- COMM 4350 - Broadcast Management 3
- COMM 4995 - Convergence Media Capstone 3

Total Hours 21

Concentration Guided Electives

Select three (3) courses from the list below

- COMM 2170 - Introduction to Sports Communication 3
- COMM 2200 - Sports Interviewing and Writing 3
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3210 - Sports and Media 3
- COMM 3420 - Principles of Social Media 3
- COMM 3610 - Multimedia News Reporting 3
- COMM 4020 - Communication in Organizations 3
- COMM 4110 - Sports Communication Workshop 3
- COMM 4115 - Sports Announcing 3
- COMM 4120 - Sports Marketing 3
- COMM 4310 - Documentary Production 3
- COMM 4550 - Audio Production II 3
- COMM 4710 - New Journalism 3
- COMM 4760 - Video Production II 3
- COMM 4920 - Portfolio Development 3
- COMM 499A - Special Topics in Communication 3

Total Hours 9

Free Electives

- Select any courses

Total Hours 24

Total Program Hours 120

Journalism Concentration B.A.

Journalism majors develop skills for careers at newspapers, book and magazine publications, as well as a variety of Web-related careers.

Program CIP Code

05.09.0401.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Major Requirements that Satisfy General Education Core

- COMM 1110 - Media and Social Institutions 3

Major Core Requirements

Upper Division Courses

- COMM 4010 - Communication Theory 3
- COMM 4650 - Mass Media Law and Ethics 3
- COMM 4900 - Mass Communication Internship 3 to 9
Select three (3) credit hours from the Diversity courses listed below
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3
- COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Requirements

Lower Division Courses

- COMM 2000 - Media Writing 3
- **Complete one course from:**
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3

Total Hours 6

Upper Division Courses

- COMM 3100 - Digital Publishing 3
- COMM 3200 - Copy Editing 3
- COMM 3450 - Broadcast News Writing 3
- COMM 3610 - Multimedia News Reporting 3
- COMM 4950 - Convergence Journalism Capstone 3
- **Complete one course from:**
- COMM 3420 - Principles of Social Media 3
- COMM 3770 - Social Media Tactics 3

Total Hours 18

Concentration Guided Electives

Select three (3) courses from the list below

- COMM 1400 - Introduction to Public Relations 3
- COMM 2090 - Interpersonal Communication 3
- COMM 2140 - Principles of Radio and Television Production 3
- COMM 2170 - Introduction to Sports Communication 3
- COMM 2200 - Sports Interviewing and Writing 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3210 - Sports and Media 3
- COMM 3320 - Business and Professional Communication 3
- COMM 3350 - Broadcast Announcing 3
- COMM 3550 - Audio Production 1 3
- COMM 3760 - Video Production 1 3
- COMM 3810 - Live Studio Production 3
- COMM 3925 - Corporate Social Responsibility 3
- COMM 4000 - Editorial and Opinion Writing 3

- COMM 4020 - Communication in Organizations 3
- COMM 4110 - Sports Communication Workshop 3
- COMM 4115 - Sports Announcing 3
- COMM 4120 - Sports Marketing 3
- COMM 4150 - Feature Writing 3
- COMM 4310 - Documentary Production 3
- COMM 4350 - Broadcast Management 3
- COMM 4410 - Conflict Resolution and Negotiation 3
- COMM 4550 - Audio Production II 3
- COMM 4700 - Magazine Production 3
- COMM 4710 - New Journalism 3
- COMM 4760 - Video Production II 3
- COMM 4920 - Portfolio Development 3
- COMM 499A - Special Topics in Communication 3

Total Hours 9

Free Electives

Total Hours 27

Total Program Hours 120

Sports Communication Concentration B.A.

Program CIP Code

05.09.0401.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Major Requirements that Satisfy General Education Core

- COMM 1110 - Media and Social Institutions 3

Major Core Requirements

Upper Division Courses

- COMM 4010 - Communication Theory 3
- COMM 4650 - Mass Media Law and Ethics 3
- COMM 4900 - Mass Communication Internship 3 to 9
Select three (3) credit hours from the Diversity courses listed below
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3
- COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Requirements

Lower Division Courses

- COMM 2140 - Principles of Radio and Television Production 3
- COMM 2170 - Introduction to Sports Communication 3
- COMM 2200 - Sports Interviewing and Writing 3

Total Hours 9

Upper Division Courses

- COMM 3210 - Sports and Media 3
- COMM 3550 - Audio Production 1 3
- COMM 3760 - Video Production 1 3
- COMM 4110 - Sports Communication Workshop 3
- COMM 4920 - Portfolio Development 3

Total Hours 15

Concentration Guided Electives

Select three (3) courses from the list below

- COMM 2000 - Media Writing 3
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3420 - Principles of Social Media 3
- COMM 3450 - Broadcast News Writing 3
- COMM 3610 - Multimedia News Reporting 3
- COMM 3810 - Live Studio Production 3
- COMM 4000 - Editorial and Opinion Writing 3
- COMM 4115 - Sports Announcing 3
- COMM 4120 - Sports Marketing 3
- COMM 4150 - Feature Writing 3
- COMM 4310 - Documentary Production 3
- COMM 4350 - Broadcast Management 3
- COMM 4550 - Audio Production II 3
- COMM 4700 - Magazine Production 3
- COMM 4710 - New Journalism 3
- COMM 4760 - Video Production II 3
- COMM 499A - Special Topics in Communication 3

Total Hours 9

Free Electives

Total Hours 27

Total Program Hours 120

Professional Communication (B.A.)

Department of Communication

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

Website: www.apsu.edu/communication/

Description of Major

Three concentrations are available to students under the Professional Communication major. Students are offered a wide array of courses leading to successful careers in Corporate Communication, Public Relations and Information Specialist. The skills gained in these concentrations are highly sought after by employers and are valuable in a variety of career paths outside the field of communication.

Program CIP Code

05.09.0102.00

Concentrations

- Corporate Communication Concentration B.A.
- Information Specialist Concentration B.A.
- Public Relations Concentration B.A.

Corporate Communication Concentration B.A.

Graduates in corporate communication are prepared for careers in advertising, marketing communications, public relations, media management, organizational development, employee relations, consultant and executive areas.

Program CIP Code

05.09.0102.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Major Core Requirements

Lower Division Courses

- COMM 1110 - Media and Social Institutions 3
- COMM 2160 - Professional Communication Production 3

Total Hours 6

Upper Division Courses

- COMM 4010 - Communication Theory 3
- COMM 4650 - Mass Media Law and Ethics 3
- COMM 4900 - Mass Communication Internship 3 to 9
- **Complete one (1) course from the following Diversity classes**
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3
- COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Requirements

Lower Division Courses

- COMM 2010 - Introduction to Corporate Communication 3

Total Hours 3

Upper Division Courses

- COMM 3320 - Business and Professional Communication 3
- COMM 3925 - Corporate Social Responsibility 3
- COMM 4020 - Communication in Organizations 3
- COMM 4920 - Portfolio Development 3

Total Hours 12

Concentration Guided Electives

Select twelve (12) credit hours from the courses listed below with advisor approval

- COMM 1400 - Introduction to Public Relations 3
- COMM 1900 - Introduction to Event Planning 3
- COMM 2000 - Media Writing 3
- COMM 2090 - Interpersonal Communication 3
- COMM 2310 - Small Group Communication 3
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3210 - Sports and Media 3
- COMM 3400 - Mass Communication Research Methods 3
- COMM 3420 - Principles of Social Media 3
- COMM 3450 - Broadcast News Writing 3
- COMM 3550 - Audio Production 1 3
- COMM 3710 - Corporate Media Scriptwriting 3
- COMM 3750 - Event Planning: Risk Management 3
- COMM 3760 - Video Production 1 3
- COMM 3770 - Social Media Tactics 3
- COMM 3800 - Principles of Media Advertising 3
- COMM 3920 - Writing for Professional Communication 3
- COMM 4120 - Sports Marketing 3
- COMM 4150 - Feature Writing 3
- COMM 4310 - Documentary Production 3
- COMM 4337 - Video Game Studies 3
- COMM 4350 - Broadcast Management 3

- COMM 4400 - Politics and Mass Media 3
- COMM 4410 - Conflict Resolution and Negotiation 3
- COMM 4700 - Magazine Production 3
- COMM 4910 - Public Relations Campaigns 3
- COMM 499A - Special Topics in Communication 3

Total Hours 12

Free Electives

- Select any courses

Total Hours 27

Total Program Hours 120

Information Specialist Concentration B.A.

The Information Specialist concentration in Mass Communication is offered completely online, and is intended for students seeking information careers in the public or private sectors. Information careers include work for the U.S. Information Agency as information specialists and in the U.S. Military services as public affairs' officers. Tennessee and other state and municipal government information-based services such as tourism and economic development; and the promotion and publicity functions within nonprofit agencies, chambers of commerce, and general organizations are interested in the training provided by this concentration.

Program CIP Code

05.09.0102.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Major Requirements that Satisfy General Education Core

- COMM 1110 - Media and Social Institutions 3

Major Core Requirements

Lower Division Courses

- COMM 2160 - Professional Communication Production 3

Total Hours 3

Upper Division Courses

- COMM 4010 - Communication Theory 3
- COMM 4650 - Mass Media Law and Ethics 3
- COMM 4900 - Mass Communication Internship 3 to 9
- **Complete one (1) course from the following Diversity classes:**
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3

- COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Guided Electives

Select twenty-seven (27) hours from the following courses listed below:

- COMM 1400 - Introduction to Public Relations 3
- COMM 1900 - Introduction to Event Planning 3
- COMM 2000 - Media Writing 3
- COMM 2010 - Introduction to Corporate Communication 3
- COMM 2090 - Interpersonal Communication 3
- COMM 2140 - Principles of Radio and Television Production 3
- COMM 2310 - Small Group Communication 3
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3210 - Sports and Media 3
- COMM 3320 - Business and Professional Communication 3
- COMM 3400 - Mass Communication Research Methods 3
- COMM 3420 - Principles of Social Media 3
- COMM 3550 - Audio Production 1 3
- COMM 3710 - Corporate Media Scriptwriting 3
- COMM 3750 - Event Planning: Risk Management 3
- COMM 3760 - Video Production 1 3
- COMM 3770 - Social Media Tactics 3
- COMM 3800 - Principles of Media Advertising 3
- COMM 3915 - Advanced Event Planning 3
- COMM 3920 - Writing for Professional Communication 3
- COMM 3925 - Corporate Social Responsibility 3
- COMM 4020 - Communication in Organizations 3
- COMM 4120 - Sports Marketing 3
- COMM 4150 - Feature Writing 3
- COMM 4310 - Documentary Production 3
- COMM 4337 - Video Game Studies 3
- COMM 4400 - Politics and Mass Media 3
- COMM 4410 - Conflict Resolution and Negotiation 3
- COMM 4700 - Magazine Production 3
- COMM 4910 - Public Relations Campaigns 3
- COMM 4920 - Portfolio Development 3
- COMM 499A - Special Topics in Communication 3

Total Hours 27

Free Electives

- Select any Course

Total Hours 30

Total Program Hours 120

Public Relations Concentration B.A.

Public Relations majors prepare for careers in agencies, corporations, political campaigns, and in a variety of organizational communication settings.

Program CIP Code

05.09.0102.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Major Requirements that Satisfy General Education Core

- COMM 1110 - Media and Social Institutions 3

Major Core Requirements

Lower Division Courses

- COMM 2160 - Professional Communication Production 3

Total Hours 3

Upper Division Courses

- COMM 4010 - Communication Theory 3
- COMM 4650 - Mass Media Law and Ethics 3
- COMM 4900 - Mass Communication Internship 3 to 9
- **Complete one course from the Diversity classes:**
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3
- COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Requirements

Lower Division Courses

- COMM 1400 - Introduction to Public Relations 3
- COMM 2090 - Interpersonal Communication 3

Total Hours 6

Upper Division Courses

- COMM 3420 - Principles of Social Media 3
- COMM 3920 - Writing for Professional Communication 3
- COMM 4910 - Public Relations Campaigns 3
- COMM 4920 - Portfolio Development 3

Total Hours 12

Concentration Guided Electives

Select twelve (12) credit hours from the courses listed below with advisor approval

- COMM 1900 - Introduction to Event Planning 3
- COMM 2000 - Media Writing 3
- COMM 2010 - Introduction to Corporate Communication 3
- COMM 2140 - Principles of Radio and Television Production 3
- COMM 2310 - Small Group Communication 3
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3210 - Sports and Media 3
- COMM 3320 - Business and Professional Communication 3
- COMM 3400 - Mass Communication Research Methods 3
- COMM 3550 - Audio Production 1 3
- COMM 3710 - Corporate Media Scriptwriting 3
- COMM 3750 - Event Planning: Risk Management 3
- COMM 3760 - Video Production 1 3
- COMM 3770 - Social Media Tactics 3
- COMM 3800 - Principles of Media Advertising 3
- COMM 3915 - Advanced Event Planning 3
- COMM 3925 - Corporate Social Responsibility 3
- COMM 4020 - Communication in Organizations 3
- COMM 4120 - Sports Marketing 3
- COMM 4150 - Feature Writing 3
- COMM 4310 - Documentary Production 3

- COMM 4337 - Video Game Studies 3
- COMM 4400 - Politics and Mass Media 3
- COMM 4410 - Conflict Resolution and Negotiation 3
- COMM 4700 - Magazine Production 3
- COMM 499A - Special Topics in Communication 3

Total Hours 12

Free Electives

- Select any courses

Total Hours 27

Total Program Hours 120

Communication Media (B.S.)

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

Website: www.apsu.edu/communication/

Description of Major

Three concentrations are available to students under the Communication Media major. Students are offered a wide array of courses leading to successful careers in Broadcast Media, Journalism, and Sports Communication.

Program CIP Code

05.09.0401.00

Concentrations

- Broadcast Media Concentration B.S.
- Journalism Concentration B.S.
- Sports Communication Concentration B.S.

Broadcast Media Concentration B.S.

Graduates in broadcast media are prepared for careers in a variety of broadcast and related areas, including on-air performance, behind the scenes operations, directing, audio and video production, promotion and management.

Program CIP Code

05.09.0401.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- COMM 1110 - Media and Social Institutions 3

Total Hours 3

Upper Division Courses

- COMM 4650 - Mass Media Law and Ethics 3
- COMM 4900 - Mass Communication Internship 3 to 9
- COMM 4010 - Communication Theory 3
- **Select three (3) credit hours from the Diversity courses listed below**
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3
- COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Requirements

Lower Division Courses

- COMM 2140 - Principles of Radio and Television Production 3

Total Hours 3

Upper Division Courses

- COMM 3350 - Broadcast Announcing 3
- COMM 3450 - Broadcast News Writing 3
- COMM 3550 - Audio Production 1 3
- COMM 3760 - Video Production 1 3
- COMM 3810 - Live Studio Production 3
- COMM 4350 - Broadcast Management 3
- COMM 4995 - Convergence Media Capstone 3

Total Hours 21

Concentration Guided Electives

Select three (3) courses from the list below

- COMM 2170 - Introduction to Sports Communication 3
- COMM 2200 - Sports Interviewing and Writing 3
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3210 - Sports and Media 3
- COMM 3420 - Principles of Social Media 3
- COMM 3610 - Multimedia News Reporting 3
- COMM 4020 - Communication in Organizations 3
- COMM 4110 - Sports Communication Workshop 3
- COMM 4115 - Sports Announcing 3
- COMM 4120 - Sports Marketing 3
- COMM 4310 - Documentary Production 3
- COMM 4550 - Audio Production II 3
- COMM 4710 - New Journalism 3
- COMM 4760 - Video Production II 3
- COMM 4920 - Portfolio Development 3
- COMM 499A - Special Topics in Communication 3

Total Hours 9

Free Electives

- Select any courses

Total Hours 30

Total Program Hours 120

Journalism Concentration B.S.

Journalism majors develop skills for careers at newspapers, book and magazine publications, as well as a variety of Web-related careers.

Program CIP Code

05.09.0401.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- COMM 1110 - Media and Social Institutions 3

Major Core Requirements

Upper Division Courses

- COMM 4010 - Communication Theory 3
- COMM 4650 - Mass Media Law and Ethics 3
- COMM 4900 - Mass Communication Internship 3 to 9
Select three (3) credit hours from the Diversity courses listed below
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3
- COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Requirements

Lower Division Courses

- COMM 2000 - Media Writing 3
Complete one course from:
- COMM 2920 - Photojournalism 3

- COMM 2930 - Media Imaging 3

Total Hours 6

Upper Division Courses

- COMM 3100 - Digital Publishing 3
- COMM 3200 - Copy Editing 3
- COMM 3450 - Broadcast News Writing 3
- COMM 3610 - Multimedia News Reporting 3
- COMM 4950 - Convergence Journalism Capstone 3
- Complete one course from:**
- COMM 3420 - Principles of Social Media 3
- COMM 3770 - Social Media Tactics 3

Total Hours 18

Concentration Guided Electives

Select three (3) courses from the list below

- COMM 1400 - Introduction to Public Relations 3
- COMM 2090 - Interpersonal Communication 3
- COMM 2140 - Principles of Radio and Television Production 3
- COMM 2170 - Introduction to Sports Communication 3
- COMM 2200 - Sports Interviewing and Writing 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3210 - Sports and Media 3
- COMM 3320 - Business and Professional Communication 3
- COMM 3350 - Broadcast Announcing 3
- COMM 3550 - Audio Production 1 3
- COMM 3760 - Video Production 1 3
- COMM 3810 - Live Studio Production 3
- COMM 3925 - Corporate Social Responsibility 3
- COMM 4000 - Editorial and Opinion Writing 3
- COMM 4020 - Communication in Organizations 3
- COMM 4110 - Sports Communication Workshop 3
- COMM 4115 - Sports Announcing 3
- COMM 4120 - Sports Marketing 3
- COMM 4150 - Feature Writing 3
- COMM 4310 - Documentary Production 3
- COMM 4350 - Broadcast Management 3
- COMM 4410 - Conflict Resolution and Negotiation 3
- COMM 4550 - Audio Production II 3
- COMM 4700 - Magazine Production 3
- COMM 4710 - New Journalism 3

- COMM 4760 - Video Production II 3
- COMM 4920 - Portfolio Development 3
- COMM 499A - Special Topics in Communication 3

Total Hours 9

Free Electives

Total Hours 33

Total Program Hours 120

Sports Communication Concentration B.S.

Program CIP Code

05.09.0401.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- COMM 1110 - Media and Social Institutions 3

Major Core Requirements

Upper Division Courses

- COMM 4010 - Communication Theory 3
- COMM 4650 - Mass Media Law and Ethics 3
- COMM 4900 - Mass Communication Internship 3 to 9
Select three (3) credit hours from the Diversity courses listed below
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3
- COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Requirements

Lower Division Courses

- COMM 2140 - Principles of Radio and Television Production 3
- COMM 2170 - Introduction to Sports Communication 3
- COMM 2200 - Sports Interviewing and Writing 3

Total Hours 9

Upper Division Courses

- COMM 3210 - Sports and Media 3
- COMM 3550 - Audio Production 1 3
- COMM 3760 - Video Production 1 3
- COMM 4110 - Sports Communication Workshop 3
- COMM 4920 - Portfolio Development 3

Total Hours 15

Concentration Guided Electives

Select three (3) courses from the list below

- COMM 2000 - Media Writing 3
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3420 - Principles of Social Media 3
- COMM 3450 - Broadcast News Writing 3
- COMM 3610 - Multimedia News Reporting 3
- COMM 3810 - Live Studio Production 3
- COMM 4000 - Editorial and Opinion Writing 3
- COMM 4115 - Sports Announcing 3
- COMM 4120 - Sports Marketing 3
- COMM 4150 - Feature Writing 3
- COMM 4310 - Documentary Production 3
- COMM 4350 - Broadcast Management 3
- COMM 4550 - Audio Production II 3
- COMM 4700 - Magazine Production 3
- COMM 4710 - New Journalism 3
- COMM 4760 - Video Production II 3
- COMM 499A - Special Topics in Communication 3

Total Hours 9

Free Electives

Total Hours 33

Total Program Hours 120

Professional Communication (B.S.)

Department of Communication

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

Website: www.apsu.edu/communication/

Description of Major

Three concentrations are available to students under the Professional Communication major. Students are offered a wide array of courses leading to successful careers in Corporate Communication, Public Relations and Information Specialist. The skills gained in these concentrations are highly sought after by employers and are valuable in a variety of career paths outside the field of communication.

Program CIP Code

05.09.0102.00

Concentrations

- Corporate Communication Concentration B.S.
- Information Specialist Concentration B.S.
- Public Relations Concentration B.S.

Corporate Communication Concentration B.S.

Graduates in corporate communication are prepared for careers in advertising, marketing communications, public relations, media management, organizational development, employee relations, consultant and executive areas.

Program CIP Code

05.09.0102.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- COMM 1110 - Media and Social Institutions 3
- COMM 2160 - Professional Communication Production 3

Total Hours 6

Upper Division Courses

- COMM 4010 - Communication Theory 3
 - COMM 4650 - Mass Media Law and Ethics 3
 - COMM 4900 - Mass Communication Internship 3 to 9
- Complete one (1) course from the following Diversity classes:**
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
 - COMM 4444 - Cultural Context in Communication 3
 - COMM 4450 - Mass Media and Women 3
 - COMM 4470 - Race, Gender, and Mass Media 3
 - COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Requirements

Lower Division Courses

- COMM 2010 - Introduction to Corporate Communication 3

Total Hours 3

Upper Division Courses

- COMM 3320 - Business and Professional Communication 3
- COMM 3925 - Corporate Social Responsibility 3
- COMM 4020 - Communication in Organizations 3
- COMM 4920 - Portfolio Development 3

Total Hours 12

Guided Electives

Select twelve (12) credit hours from the courses listed below with advisor approval

- COMM 1400 - Introduction to Public Relations 3
- COMM 1900 - Introduction to Event Planning 3
- COMM 2000 - Media Writing 3
- COMM 2090 - Interpersonal Communication 3
- COMM 2310 - Small Group Communication 3
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3210 - Sports and Media 3
- COMM 3400 - Mass Communication Research Methods 3
- COMM 3420 - Principles of Social Media 3
- COMM 3450 - Broadcast News Writing 3
- COMM 3550 - Audio Production 1 3
- COMM 3710 - Corporate Media Scriptwriting 3
- COMM 3750 - Event Planning: Risk Management 3
- COMM 3760 - Video Production 1 3
- COMM 3770 - Social Media Tactics 3
- COMM 3800 - Principles of Media Advertising 3
- COMM 3920 - Writing for Professional Communication 3
- COMM 4120 - Sports Marketing 3
- COMM 4150 - Feature Writing 3
- COMM 4310 - Documentary Production 3
- COMM 4337 - Video Game Studies 3
- COMM 4350 - Broadcast Management 3
- COMM 4400 - Politics and Mass Media 3

- COMM 4410 - Conflict Resolution and Negotiation 3
- COMM 4700 - Magazine Production 3
- COMM 4910 - Public Relations Campaigns 3
- COMM 499A - Special Topics in Communication 3

Total Hours 12

Free Electives

- Select any courses

Total Hours 33

Total Program Hours 120

Information Specialist Concentration B.S.

The Information Specialist concentration in Mass Communication is offered completely online, and is intended for students seeking information careers in the public or private sectors. Information careers include work for the U.S. Information Agency as information specialists and in the U.S. Military services as public affairs' officers. Tennessee and other state and municipal government information-based services such as tourism and economic development; and the promotion and publicity functions within nonprofit agencies, chambers of commerce, and general organizations are interested in the training provided by this concentration.

Program CIP Code

05.09.0102.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- COMM 1110 - Media and Social Institutions 3

Major Core Requirements

Lower Division Courses

- COMM 2160 - Professional Communication Production 3

Total Hours 3

Upper Division Courses

- COMM 4010 - Communication Theory 3
- COMM 4650 - Mass Media Law and Ethics 3
- COMM 4900 - Mass Communication Internship 3 to 9
- **Complete one (1) course from the following Diversity classes:**
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3
- COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Guided Electives

Complete twenty-seven (27) hours from:

- COMM 1400 - Introduction to Public Relations 3
- COMM 1900 - Introduction to Event Planning 3
- COMM 2000 - Media Writing 3
- COMM 2010 - Introduction to Corporate Communication 3
- COMM 2090 - Interpersonal Communication 3
- COMM 2140 - Principles of Radio and Television Production 3
- COMM 2310 - Small Group Communication 3
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3210 - Sports and Media 3
- COMM 3320 - Business and Professional Communication 3
- COMM 3400 - Mass Communication Research Methods 3
- COMM 3420 - Principles of Social Media 3
- COMM 3550 - Audio Production 1 3
- COMM 3710 - Corporate Media Scriptwriting 3
- COMM 3750 - Event Planning: Risk Management 3
- COMM 3760 - Video Production 1 3
- COMM 3770 - Social Media Tactics 3
- COMM 3800 - Principles of Media Advertising 3
- COMM 3915 - Advanced Event Planning 3
- COMM 3920 - Writing for Professional Communication 3
- COMM 3925 - Corporate Social Responsibility 3
- COMM 4020 - Communication in Organizations 3
- COMM 4120 - Sports Marketing 3
- COMM 4150 - Feature Writing 3
- COMM 4310 - Documentary Production 3
- COMM 4337 - Video Game Studies 3
- COMM 4400 - Politics and Mass Media 3
- COMM 4410 - Conflict Resolution and Negotiation 3
- COMM 4700 - Magazine Production 3
- COMM 4910 - Public Relations Campaigns 3
- COMM 4920 - Portfolio Development 3
- COMM 499A - Special Topics in Communication 3

Total Hours 27

Free Electives

- Select any course

Total Hours 36

Total Program Hours 120

Public Relations Concentration B.S.

Public Relations majors prepare for careers in agencies, corporations, political campaigns, and in a variety of organizational communication settings.

Program CIP Code

05.09.0102.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- COMM 1110 - Media and Social Institutions 3

Major Core Requirements

Lower Division Courses

- COMM 2160 - Professional Communication Production 3

Total Hours 3

Upper Division Courses

- COMM 4010 - Communication Theory 3
- COMM 4650 - Mass Media Law and Ethics 3
- COMM 4900 - Mass Communication Internship 3 to 9
- **Complete one course from the Diversity classes:**
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3
- COMM 4980 - Television Culture and Diversity 3

Total Hours 12

Concentration Requirements

Lower Division Courses

- COMM 1400 - Introduction to Public Relations 3
- COMM 2090 - Interpersonal Communication 3

Total Hours 6

Upper Division Courses

- COMM 3420 - Principles of Social Media 3
- COMM 3920 - Writing for Professional Communication 3
- COMM 4910 - Public Relations Campaigns 3
- COMM 4920 - Portfolio Development 3

Total Hours 12

Concentration Guided Electives

Select twelve (12) credit hours from the courses listed below with advisor approval

- COMM 1900 - Introduction to Event Planning 3
- COMM 2000 - Media Writing 3
- COMM 2010 - Introduction to Corporate Communication 3
- COMM 2140 - Principles of Radio and Television Production 3
- COMM 2310 - Small Group Communication 3
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3
- COMM 3090 - International Communication 3
- COMM 3100 - Digital Publishing 3
- COMM 3210 - Sports and Media 3
- COMM 3320 - Business and Professional Communication 3
- COMM 3400 - Mass Communication Research Methods 3
- COMM 3550 - Audio Production 1 3
- COMM 3710 - Corporate Media Scriptwriting 3
- COMM 3750 - Event Planning: Risk Management 3
- COMM 3760 - Video Production 1 3
- COMM 3770 - Social Media Tactics 3
- COMM 3800 - Principles of Media Advertising 3
- COMM 3915 - Advanced Event Planning 3
- COMM 3925 - Corporate Social Responsibility 3
- COMM 4020 - Communication in Organizations 3
- COMM 4120 - Sports Marketing 3
- COMM 4150 - Feature Writing 3
- COMM 4310 - Documentary Production 3

- COMM 4337 - Video Game Studies 3
- COMM 4400 - Politics and Mass Media 3
- COMM 4410 - Conflict Resolution and Negotiation 3
- COMM 4700 - Magazine Production 3
- COMM 499A - Special Topics in Communication 3

Total Hours 12

Free Electives

- Select any courses

Total Hours 33

Total Program Hours 120

Communication Arts Minor

Department of Professional Communications

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

Website: www.apsu.edu/communication/index.php

The Communication Arts minor provides students with skills which are applicable to, and can enhance, any career. This minor provides students with access to a wide array of classes from the Department of Communication (home to both the Professional Communication and Communication Media majors) so that students can build the kind of minor that helps to meet their personal and professional goals. For Professional Communication or Communication Media majors, these courses cannot duplicate required classes.

Minor Requirements

Complete 21 hours from COMM 1000 - 4999 with at least 12 hours from COMM 3000 - 4999.

Total Hours 21

Event Planning Minor

Department of Communications

Location: Music and Mass Communication, 165

Phone: 931-221-7378

Website: <http://comm.apsu.edu/>

This minor will prepare students to assume leadership roles within the industry. It will offer in-depth knowledge of event planning as well as event execution. In addition, students will get hands-on experience working with other professionals in the industry.

This minor is most closely linked to students with concentrations in Public Relations or Corporate Communication. The Public Relations and Corporate Communication industry is growing and many available job opportunities will require employees to work in event planning. These portions of the industry include: conventions, meetings, special events, fundraisers, community events, advertising rallies, campaign functions, etc.

Minor Requirements

- COMM 1900 - Introduction to Event Planning 3
- COMM 3750 - Event Planning: Risk Management 3
- COMM 3915 - Advanced Event Planning 3
- **Complete one course from:**
- COMM 1110 - Media and Social Institutions 3
- COMM 1200 - Introduction to Mass Communication 3

Total Hours 12

Minor Guided Electives

- COMM 1200 - Introduction to Mass Communication 3
 - or
 - COMM 1110 - Media and Social Institutions 3
 - COMM 1900 - Introduction to Event Planning 3
 - COMM 3750 - Event Planning: Risk Management 3
 - COMM 3915 - Advanced Event Planning 3
 - **Select three (3) courses from the list below**
 - COMM 1400 - Introduction to Public Relations 3
 - COMM 2090 - Interpersonal Communication 3
 - COMM 3420 - Principles of Social Media 3
 - COMM 3770 - Social Media Tactics 3
 - CULA 2250 - Professional Catering 3
-
- HOSP 3800 - Hospitality Administration Strategies 3
 - HOSP 3810 - Information Technology in Hospitality 3

- HOSP 3840 - Restaurant Management 3
- HOSP 3850 - Hospitality and Tourism Marketing 3
- HOSP 3860 - Introduction to Tourism Management 3

Total Hours 9

Total Hours 21

Journalism Minor

Department of Communications

Location: Music and Mass Communication, 165

Phone: 931-221-7378

The Journalism minor allows students to develop skills for future careers at broadcast outlets, online news organizations, newspapers, and other print publications. The curriculum focuses on multimedia journalism and provides students, in any major, with the tools they will need to get their start in this rapidly evolving field. The minor requires 24 credit hours in Communication. For Professional Communication or Communication Media majors, these courses cannot duplicate required classes in your major. Website: <http://comm.apsu.edu/>

Minor Required Courses

Lower Division Courses

- COMM 1200 - Introduction to Mass Communication 3
- COMM 2000 - Media Writing 3

Total Hours 6

Upper Division Courses

- COMM 3200 - Copy Editing 3
- COMM 4150 - Feature Writing 3
- COMM 4650 - Mass Media Law and Ethics 3

Total Hours 9

Minor Guided Electives

Complete nine (9) credit hours of upper division Communication courses (COMM 3000-4999).

Total Hours 9

Total Hours 24

Popular Culture Minor

Department of Communication Arts

Location: Music and Mass Communication Bldg., Room 165

Phone: 931-221-7378

The Popular Culture minor teaches students a host of methods for critically understanding popular culture. As part of this minor students examine things like film, popular music, TV shows video games, social media, sports, and other new and developing forms of popular cultural expression. The minor requires 18 credit hours in Communication. For Professional Communication or Communication Media majors, these courses cannot duplicate required classes. Website:

www.apsu.edu/communication/index.php

Minor Requirements

- COMM 1110 - Media and Social Institutions 3
- COMM 1600 - Introduction to Popular Culture 3
- COMM 4980 - Television Culture and Diversity 3

Total Hours 9

Minor Guided Electives

Select three (3) courses from the list below

- ART 3240 - Art History of Photography 3
- COMM 4300 - Topics in Popular Culture 3
- COMM 4470 - Race, Gender, and Mass Media 3
- ENGL 340J - Shakespeare on Film and Stage 3
- ENGL 340R - Century's End: Race and Gender at the Turn of the Twentieth Century 3
- WGS 3060 - Vagina Monologues
- WGS 3070 - Women and Film 3

Total Hours 9

Total Hours 18

Social Media Minor

Students in the Social Media Minor will gain knowledge and skills that require them to use enhanced analytical as well as creative skills to increase their critical thinking. Students with this minor have the potential to find jobs as Social Media Associates, Social Media Managers, Social Media Marketers, Social Media Directors, or Social Media Influencers. This is not an all-inclusive list of potential careers for this minor as students can also apply these skills in other fields and areas. Emphasis will be placed on: theories and concepts; content creation; application; analytics; campaigns; real world applications; ethics; content analysis; job market.

Minor Requirements

- COMM 3925 - Corporate Social Responsibility 3
- COMM 3770 - Social Media Tactics 3
- COMM 3420 - Principles of Social Media 3
- COMM 2160 - Professional Communication Production 3
- COMM 1110 - Media and Social Institutions 3

Total Hours 15

Minor Guided Electives

Complete nine hours from:

- COMM 1400 - Introduction to Public Relations 3
- COMM 2920 - Photojournalism 3
- COMM 2930 - Media Imaging 3
- COMM 499 A, B - Special Topic in Communication 3 **each**

Total Hours 9

Total Program Hours 24

Department of History & Philosophy

College of Arts and Letters

Location: Harned Hall, 323

Phone: 931-221-7919

Website: www.apsu.edu/history/

Programs:

Bachelor of Arts

- History (B.A.)
- Philosophy and Religion (B.A.)

Bachelor of Science

- History (B.S.)
- Philosophy and Religion (B.S.)

Concentration

- Ethics, Law, and Political Theory Concentration B.A.
- Ethics, Law, and Political Theory Concentration B.S.
- History Education with Licensure Concentration B.A.
- History Education with Licensure Concentration B.S.
- History Major B.A.
- History Major B.S.
- Philosophical Studies Concentration B.A.
- Philosophical Studies Concentration B.S.
- Religious Studies Concentration B.A.
- Religious Studies Concentration B.S.

Minors (non-degree)

- Asian Studies Minor
- Ethical Studies Minor
- History Minor
- Philosophical Studies Minor
- Religious Studies Minor

History (B.A.)

Location: Harned Hall, Room 340

Phone: 931-221-7919

Website: www.apsu.edu/history

Description of Major

Graduates in History can pursue any number of careers. Only about 1/3 of our graduates follow careers in education, many have careers in management in various fields. Some continue their education and attend graduate school.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: Secondary Education.

Program CIP Code

28.54.0101.00

Concentrations

- History Major B.A.
- History Education with Licensure Concentration B.A.

History Major B.A.

Program CIP Code

28.54.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Major Requirements that Satisfy General Education

Select two (2) courses from the list below

- HIST 2010 - Early United States History 3
- HIST 2020 - Modern United States History 3
- HIST 2030 - History of Tennessee 3

Lower Division Courses

- HIST 2310 - Early World History 3
- HIST 2320 - Modern World History 3

Total Hours 6

Upper Division Courses

- HIST 3000 - Historical Methods 3
- HIST 4000-4499 - 6 hours (two courses)
- HIST 4500-4890 - 6 hours (two courses)
- HIST 3001-4890 - 3 hours (one course)
- HIST 4999 - Senior Capstone 3

Total Hours 21

Free Electives

- Electives - 27 Hours

Minor

- Minor is required - 18 hours

Total Program Hours 120

History Education with Licensure Concentration B.A.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Program CIP Code

28.54.0101.00

General Education Core

	Credit Hours
Required courses from the General Education	
- Humanities: (9) - Social Science: ECON 2100, POLS 2010 (6)*	41
*Limitation within Social Science Core Specific to History Education	
University-Wide Freshmen Requirement	1
Foreign Language	6

Major Requirements that Satisfy General Education Core

- ECON 2100 - Principles of Macroeconomics 3
- POLS 2010 - American National Government 3

Lower Division Courses

- GEOG 1035 - World Geography 3
 - or
 - GEOG 1045 - Popular World Geography 3
- Note: History Education students must take the below HIST courses in addition to six hours of History courses for the General Education Core. History majors with other minors may take these courses in fulfillment of the Social Science Core requirement
- HIST 2310 - Early World History 3
 - HIST 2320 - Modern World History 3

Total Hours 9

Upper Division Courses

- HIST 3000 - Historical Methods 3
- HIST 4950 - Teaching Social Studies Secondary Schools 3
- U.S. History Upper Division - 9 credit hours (Social Studies Methods course may not be utilized)
- Non-U.S. History Upper Division - 9 credit hours (Social Studies Methods course may not be utilized)

Total Hours 24

Concentration Guided Electives

Complete one option below: (6 credits)

1. **POLS 2040 - Introduction to Public Policy 3**
choose one (1) course from the following
POLS 2070 - International Politics 3

POLS 3120 - European Politics 3

POLS 3140 - Latin American Politics 3
POLS 3190 - Russian Politics and Government 3
2. **GEOG 3110 - Geography of the United States and Canada 3**
GEOG 4200 - Historical Data Management and GIS 3
3. **ECON 2200 - Principles of Microeconomics 3**
ECON 3210 - Money and Banking 3

Total Hours 6

Minor

Students should declare the Professional Education Minor for Secondary and K-12 Education

Total Hours 21

Additional Certification Requirements for Student Teaching

- Students will need to complete 12 hours of Student Teaching and Seminar

Total Program Hours 123

Philosophy and Religion (B.A.)

Department of History and Philosophy

Location: Harned Hall, Room 340

Phone: 931-221-7919

Website: www.apsu.edu/history-and-philosophy/philosophy-programs/index.php

Description of Major

The Philosophy and Religion major consists of three concentrations: Philosophical Studies, Religious Studies, and Ethics, Law, and Political Theory. The Philosophy and Religion curriculum is designed to encourage students to think critically and creatively about human existence and the nature of reality. It emphasizes (1) training in critical reasoning and logical analysis; (2) an understanding of the many methods of human inquiry; (3) a survey of the history of philosophy and the history of ethics; (4) the analysis and appreciation of values and their application to moral and political issues; (5) a reflective and tolerant exploration of religion; and (6) the growth of a personal philosophy based on the lifelong search for and appreciation of truth, knowledge, goodness, and beauty.

The Philosophy and Religion Major is good background for most any career area or graduate study option. The degree is sought after by many businesses as an indicator of analytical ability. Philosophy Majors are among the highest scorers of any major on standardized tests. The Religious Studies curriculum is good background for anyone with an interest in the world religions and religious issues or considering a career in religion. The Ethics, Law and Political Theory concentration is especially good background for law school or work in government.

Program CIP Code

24.38.0101.00

Concentrations

- Ethics, Law and Political Theory Concentration B.A.
- Philosophical Studies Concentration B.A.
- Religious Studies Concentration B.A.

Ethics, Law and Political Theory Concentration B.A.

Program CIP Code

24.38.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Concentration Requirements that Satisfy General Education Core

Complete one (1) course from:

- PHIL 1030 - Introduction to Philosophy 3
- PHIL 1040 - Introduction to Ethics 3

Concentration Requirements

Philosophy and Religion Core Requirement

Complete one course from:

- PHIL 4500 - Philosophy of Religion 3
- PHIL 3050 - Religious Ethics 3

Total Hours 3

Value Theory

Complete two (2) courses from:

- PHIL 3040 - History of Ethics 3
- PHIL 3050 - Religious Ethics 3
- PHIL 4100 - Social-Political Philosophy 3
- PHIL 4720 - Ethical Theory 3

Total Hours 6

Applied Value Theory

Select two (2) courses from the list below

- PHIL 2300 - Medical Ethics 3
- PHIL 3060 - Applied Ethics 3
- PHIL 4015 - War and Ethics 3
- PHIL 4200 - Philosophy of Law 3

Total hours 6

Concentration Guided Electives

- Any remaining PHIL course except PHIL 1030, 1040 or 2200. Students may substitute up to two courses related to ethics and political theory from other departments with advisor approval.

Total Hours 12

Free Electives

- Select forty-five (45) hours of free electives

Total Hours 45

Total Program Hours 120

Philosophical Studies Concentration B.A.

Program CIP Code

24.38.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Concentration Requirements that Satisfy General Education

Select one (1) Course from the list below

- PHIL 1030 - Introduction to Philosophy 3
- PHIL 1040 - Introduction to Ethics 3

Concentration Core Requirements

Complete one (1) course from:

- PHIL 3050 - Religious Ethics 3
- PHIL 4500 - Philosophy of Religion 3

Total Hours 3

Upper Division Courses

Select one (1) Course from the list below

- PHIL 3900 - Informal, Categorical and Propositional Logic 3
- PHIL 4910 - Epistemology 3

Select two (2) courses from the list below

- PHIL 3100 - Ancient Philosophy 3
- PHIL 3110 - The History of Medieval Philosophy 3
- PHIL 3120 - Modern 15th-18th Century Philosophy 3
- PHIL 3130 - 19th and 20th Century Philosophy 3

Select one (1) courses from the list below

- PHIL 3040 - History of Ethics 3
- PHIL 4100 - Social-Political Philosophy 3
- PHIL 4720 - Ethical Theory 3

Total Hours 12

Concentration Guided Electives

- Select four (4) courses from any of the remaining Philosophy courses other than PHIL 1030, 1040, 2200 - 12

Total Hours 12

Free Electives

- Select forty-five (45) hours of free electives

Total Hours 45

Total Program Hours 120

Religious Studies Concentration B.A.

This concentration involves a comparative study of the world religions and exploration of themes in religion and its relevance in the world. The Religious Studies Specialization is an excellent background for seminary and careers in Religion, as well as for anyone with an interest in religion and exploring the world and different cultures.

Program CIP Code

24.38.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Concentration Requirements that Satisfy General Education Core

- PHIL 2200 - Religion and the World 3

Philosophy and Religion Core Requirement

Complete one course from:

- PHIL 3050 - Religious Ethics 3
- PHIL 4500 - Philosophy of Religion 3

Total Hours 3

Major Requirements

Complete two Religious Philosophies and Worldviews courses not previously utilized:

- PHIL 3050 - Religious Ethics 3
- PHIL 3110 - The History of Medieval Philosophy 3
- PHIL 3200 - Eastern Religions 3
- PHIL 3300 - Western Religions 3
- PHIL 4500 - Philosophy of Religion 3

Complete two Interdisciplinary Topics in Religious Studies Courses:

- CLAS 3310 - Greek Mythology 3
- CLAS 3410 - Greek and Roman Religion 3
- ENGL 340D - Mythology and Folklore 3
- ENGL 340S - Literature of the English Bible 3

- ENGL 360D - Literary Criticism 3
- HIST 4075 - Medieval Islamic Civilization 3
- HIST 4092 - Judaism in Jesus' Day: The 2nd Temple Period 3
- HIST 4675 - Topics in American Religious History 3
- SOC 3400 - Sociology of Religion 3

Total Hours 12

Concentration Guided Electives

- Any remaining PHIL course except PHIL 1030, 1040, or 2200, or up to two additional courses from the "Interdisciplinary Topics in Religious Studies" list.

Total Hours 12

Free Electives

- Select forty-five (45) hours of free electives

Total Hours 45

Total Hours 120

History (B.S.)

Location: Harned Hall, Room 340

Phone: 931-221-7919

Website: www.apsu.edu/history

Description of Major

Graduates in History can pursue any number of careers. Only about 1/3 of our graduates follow careers in education, many have careers in management in various fields. Some continue their education and attend graduate school.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Program CIP Code

28.54.0101.00

Concentrations

- History Major B.S.
- History Education with Licensure Concentration B.S.

History Major B.S.

Program CIP Code

28.54.0101.00

General Education Core

Credit Hours

see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

Select two (2) courses from the list below

- HIST 2010 - Early United States History 3
- HIST 2020 - Modern United States History 3
- HIST 2030 - History of Tennessee 3

Lower Division Courses

- HIST 2310 - Early World History 3
- HIST 2320 - Modern World History 3

Total Hours 6

Upper Division Courses

- HIST 3000 - Historical Methods 3
- HIST 4000-4499 - 6 hours (two courses)
- HIST 4500-4890 - 6 hours (two courses)
- HIST 3001-4890 - 3 hours (one course)
- HIST 4999 - Senior Capstone 3

Total Hours 21

Free Electives

- Electives - 33 hours

Minor

- Minor is required - 18 hours

Total Program Hours 120

History Education with Licensure Concentration B.S.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Program CIP Code

28.54.0101.00

General Education Core

Credit Hours

Required courses from the General Education

- Humanities: (9)
- Social Science: ECON 2100, POLS 2010 (6)*

41

*Limitation within Social Science Core Specific to History Education

University-Wide Freshmen Requirement

1

Major Requirements that Satisfy General Education Core

- ECON 2100 - Principles of Macroeconomics 3
- POLS 2010 - American National Government 3

Lower Division Courses

- GEOG 1035 - World Geography 3
- or
- GEOG 1045 - Popular World Geography 3

Note: History Education students must take the HIST courses below in addition to six hours of History for General Education Core. History majors with other minors may take these courses in fulfillment of the Social Science Core requirement

- HIST 2310 - Early World History 3
- HIST 2320 - Modern World History 3

Total Hours 9

Upper Division Courses

- HIST 3000 - Historical Methods 3
- HIST 4950 - Teaching Social Studies Secondary Schools 3
- U.S. History Upper Division - 9 credit hours (Social Studies Methods course may not be utilized)
- Non-U.S. History Upper Division - 9 credit hours (Social Studies Methods course may not be utilized)

Total Hours 24

Concentration Guided Electives

Complete one option below: (6 credits)

1. **POLS 2040 - Introduction to Public Policy 3**

choose one (1) course from the following

POLS 2070 - International Politics 3

POLS 3120 - European Politics 3

POLS 3140 - Latin American Politics 3

POLS 3190 - Russian Politics and Government 3

2. **GEOG 3110 - Geography of the United States and Canada 3**

GEOG 4200 - Historical Data Management and GIS 3

3. **ECON 2200 - Principles of Microeconomics 3**

ECON 3210 - Money and Banking 3

Total Hours 6

Minor

Students should declare the Professional Education for Secondary and K-12 Education minor.

Total Hours 21

Additional Certification Requirements for Student Teaching

- 12 credit hours of Student Teaching and Seminar will be required.

Free Electives

Total Hours 3

Total Program Hours 120

Philosophy and Religion (B.S.)

Department of History and Philosophy

Location: Harned Hall, Room 340

Phone: 931-221-7919

Website: www.apsu.edu/history

Description of Major

The Philosophy and Religion major consists of three concentrations: Philosophical Studies, Religious Studies, and Ethics, Law, and Political Theory. The Philosophy and Religion curriculum is designed to encourage students to think critically and creatively about human existence and the nature of reality. It emphasizes (1) training in critical reasoning and logical analysis; (2) an understanding of the many methods of human inquiry; (3) a survey of the history of philosophy and the history of ethics; (4) the analysis and appreciation of values and their application to moral and political issues; (5) a reflective and tolerant exploration of religion; and (6) the growth of a personal philosophy based on the lifelong search for and appreciation of truth, knowledge, goodness, and beauty.

The Philosophy and Religion Major is good background for most any career area or graduate study option. The degree is sought after by many businesses as an indicator of analytical ability. Philosophy Majors are among the highest scorers of any major on standardized tests. The Religious Studies curriculum is good background for anyone with an interest in the world religions and religious issues or considering a career in religion. The Ethics, Law and Political Theory concentration is especially good background for law school or work in government.

Program CIP Code

24.38.0101.00

Concentrations

- Ethics, Law and Political Theory Concentration B.S.
- Philosophical Studies Concentration B.S.
- Religious Studies Concentration B.S.

Ethics, Law and Political Theory Concentration B.S.

The Ethics, Law, and Political Theory Concentration is an excellent preparation for law school and careers in government.

Program CIP Code

24.38.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements that Satisfy General Education Core

Complete one (1) Course from the list below:

- PHIL 1030 - Introduction to Philosophy 3
- PHIL 1040 - Introduction to Ethics 3

Concentration Requirements

Philosophy and Religion Core Requirement

Complete one course from:

- PHIL 3050 - Religious Ethics 3
- PHIL 4500 - Philosophy of Religion 3

Total Hours 3

Value Theory

Complete two (2) course from:

- PHIL 3040 - History of Ethics 3
- PHIL 3050 - Religious Ethics 3
- PHIL 4100 - Social-Political Philosophy 3
- PHIL 4720 - Ethical Theory 3

Total Hours 6

Applied Value Theory

Select two (2) course from the list below

- PHIL 2300 - Medical Ethics 3
- PHIL 3060 - Applied Ethics 3
- PHIL 4015 - War and Ethics 3
- PHIL 4200 - Philosophy of Law 3

Total Hours 6

Concentration Guided Electives

- Any remaining PHIL course except for PHIL 1030, 1040, or 2200. Students may substitute up to two courses related to ethics and political theory from other departments with advisor approval.

Total Hours 12

Free Electives

- Select fifty-one (51) hours of free electives **51**

Total Hours 51

Total Program Hours 120

Philosophical Studies Concentration B.S.

The Philosophical Studies Concentration provides a broad background in Philosophical issues and theories. It is good preparation for most any career.

Program CIP Code

24.38.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

Select one (1) course from the list below

- PHIL 1030 - Introduction to Philosophy 3
- PHIL 1040 - Introduction to Ethics 3

Concentration Core Requirements

Complete one (1) course from:

- PHIL 3050 - Religious Ethics 3
- PHIL 4500 - Philosophy of Religion 3

Total Hours 3

Concentration Requirements

Upper Division Courses

Select one (1) course from the list below

- PHIL 3900 - Informal, Categorical and Propositional Logic 3
- PHIL 4910 - Epistemology 3

Select two (2) courses from the list below

- PHIL 3100 - Ancient Philosophy 3
- PHIL 3110 - The History of Medieval Philosophy 3
- PHIL 3120 - Modern 15th-18th Century Philosophy 3
- PHIL 3130 - 19th and 20th Century Philosophy 3

Select one (1) courses from the list below

- PHIL 3040 - History of Ethics 3

- PHIL 4100 - Social-Political Philosophy 3
- PHIL 4720 - Ethical Theory 3

Total Hours 12

Concentration Guided Electives

- Select four (4) courses from any of the remaining Philosophy courses other than PHIL 1030, 1040, 2200 **12**

Total Hours 12

Free Electives

- Select fifty-one (51) hours of free electives **51**

Total Hours 51

Total Program Hours 120

Religious Studies Concentration B.S.

This concentration involves a comparative study of the world religions and exploration of themes in religion and its relevance in the world. The Religious Studies Specialization is an excellent background for seminary and careers in Religion, as well as for anyone with an interest in religion and exploring the world and different cultures.

Program CIP Code

24.38.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements that Satisfy General Education Core

- PHIL 2200 - Religion and the World 3

Concentration Requirements

Philosophy and Religion Core Requirement

Complete one from:

- PHIL 3050 - Religious Ethics 3
- PHIL 4500 - Philosophy of Religion 3

Total Hours 3

Major Requirements

Complete two Religious Philosophies and Worldviews courses not previously utilized:

- PHIL 3050 - Religious Ethics 3
- PHIL 3110 - The History of Medieval Philosophy 3
- PHIL 3200 - Eastern Religions 3
- PHIL 3300 - Western Religions 3
- PHIL 4500 - Philosophy of Religion 3

Select three (3) courses from the list below

- CLAS 3310 - Greek Mythology 3
- CLAS 3410 - Greek and Roman Religion 3
- ENGL 340D - Mythology and Folklore 3
- ENGL 340S - Literature of the English Bible 3

- ENGL 360D - Literary Criticism 3
- HIST 4075 - Medieval Islamic Civilization 3
- HIST 4092 - Judaism in Jesus' Day: The 2nd Temple Period 3
- HIST 4675 - Topics in American Religious History 3
- SOC 3400 - Sociology of Religion 3

Total Hours 12

Concentration Guided Electives

- Any remaining PHIL course except PHIL 1030, 1040 or 2200, or up to two additional courses from the "Interdisciplinary Topics in Religious Studies" list.

Total Hours 12

Free Electives

- Select fifty-one (51) hours of free electives **51**

Total Hours 51

Total Program Hours 120

Asian Studies Minor

College of Arts and Letters College of Behavioral Health and Social Sciences College of Science, Technology, Engineering and Mathematics Location: Harned Hall, 340 Phone: 931-221-7920 Asian Studies is an interdisciplinary minor designed to meet the needs of students interested in Asian languages, geography, history, and culture. It is hosted by the department of History and Philosophy and supported by the departments of Arts, Geosciences, Languages and Literature, and Political Science. Students must take nine (9) credits of a core and must take an additional nine (9) credits from at least two (2) disciplines, totaling 18 credit hours.

Minor Requirements

- ASIA 4999 - Asian Studies Portfolio 3
Select six (6) credit hours from the courses listed below
- CHIN 1010 - Elementary Chinese I 3
- CHIN 1020 - Elementary Chinese II 4
- JAPN 1010 - Elementary Japanese I 3
- JAPN 1020 - Elementary Japanese II 3
- KOR 1010 - Elementary Korean I 3
- KOR 1020 - Elementary Korean II 3

Total Hours 9

Minor Guided Electives

- ART 324X - Special Topics in Art History 3
- ASIA 1001 - Japan through Manga and Anime 3
- ASIA 4900 - Special Topics in Asian Studies 3
- CHIN 2010 - Intermediate Chinese I 3
- CHIN 2020 - Intermediate Chinese II 3
- GEOG 3130 - Geography of the Middle East 3
- JAPN 2010 - Intermediate Japanese I 3
- JAPN 2020 - Intermediate Japanese II 3
- MUS 2030 - World Music 3
- MUS 4460 - Music of Many Cultures 3
- PHIL 2200 - Religion and the World 3
or PHIL 380A - Comparative World Religions 3
- POLS 3010 - Comparative Politics 3
- PHIL 3300 - Western Religions 3
- POLS 451A - Selected Topics in Political Science 3
- HIST 3430 - East Asia through the Ages 3
- HIST 4031 - Samurai Traditions 3
- HIST 4081 - A History of Modern China 3

- HIST 4082 - Modern Japan 3
- HIST 4083 - History of Modern Korea 3
- HIST 4910 - History Abroad 3 to 6
- HIST 4102 - Modern India: Mughals, Gandhi, Bollywood 3
- PHIL 3200 - Eastern Religions 3

Total Hours 9

Total Hours 18

Ethical Studies Minor

The ethical studies minor involves reflection on theories of the nature and foundations of values and morality, along with their application to practical issues and social and political organization. An ethics minor is an excellent supplement to most any major. It is particularly relevant and helpful for those interested in careers in law, government, professional community service, or education.

Minor Requirements

Introductory Requirement

Complete one course from:

- PHIL 1030 - Introduction to Philosophy 3
- PHIL 1040 - Introduction to Ethics 3
- PHIL 2200 - Religion and the World 3

Total Hours 3

Value Theory Requirement

Complete two course from:

- PHIL 3040 - History of Ethics 3
- PHIL 3050 - Religious Ethics 3
- PHIL 4100 - Social-Political Philosophy 3
- PHIL 4720 - Ethical Theory 3

Total Hours 6

Applied Ethics Requirement

Complete two course from:

- PHIL 2300 - Medical Ethics 3
- PHIL 3060 - Applied Ethics 3
- PHIL 4015 - War and Ethics 3
- PHIL 4200 - Philosophy of Law 3

Total Hours 6

Minor Guided Elective

Total Hours 3

Total Hours 18

History Minor

Department of History

Location: Harned Hall, room 340

Phone: 931-221-7919

Website: www.apsu.edu/history

Students who pursue the History Minor can study US and non-US history. Upper-division history courses have a low student-to-faculty ratio, providing students with close interactions with their professors. History is key to understanding the human condition because historical knowledge is a fundamental element of any culture. Student organizations that you could participate in are the History Club and Phi Alpha Theta. History students have the opportunity to get published or get editorial experience in the student-run history journal, *The Theta Delta Journal*.

Minor Requirements

- HIST 2310 - Early World History 3
- HIST 2320 - Modern World History 3
- **Select two (2) courses from the list below**
- HIST 2010 - Early United States History 3
- HIST 2020 - Modern United States History 3
- HIST 2030 - History of Tennessee 3

Total Hours 12

Minor Guided Electives

Complete nine hours from HIST 3000-4999 (excludes HIST 4410)

Total Hours 9

Total Hours 21

Philosophical Studies Minor

Department of History and Philosophy

Location: Harned Hall, Room 340

Phone: 931-221-7919

Website: www.apsu.edu/history

The Philosophical Studies Minor is one of three minors offered by the Philosophy and Religion program. The Philosophical Studies curriculum is designed to encourage students to think critically and creatively about human existence and the nature of reality. It emphasizes (1) training in critical reasoning and logical analysis; (2) an understanding of the many methods of human inquiry; (3) a survey of the history of philosophy and the history of ethics; (4) the analysis and appreciation of values and their application to moral and political issues; (5) a reflective and tolerant exploration of religion; and (6) the growth of a personal philosophy based on the lifelong search for and appreciation of truth, knowledge, goodness, and beauty. The program gives students a foundational understanding of philosophical ideas and an ability to engage in philosophical analysis, both of which are applicable to a range of careers and areas of future study. Philosophical study is valued by many employers as an indicator of analytical ability. Philosophy Majors are among the highest scorers of any major on standardized tests. The minor combines well with pretty much any major by contributing to intellectual background and critical thinking ability that can help in the understanding and application of that other field.

Minor Requirements

Introductory Core Requirement

Select one (1) course from the list below

- PHIL 1030 - Introduction to Philosophy 3
- PHIL 1040 - Introduction to Ethics 3
- PHIL 2200 - Religion and the World 3

Total Hours 3

Logic and Epistemology Requirement

Select one (1) course from the list below

- PHIL 3900 - Informal, Categorical and Propositional Logic 3
- PHIL 4910 - Epistemology 3

Total Hours 3

History of Philosophy Requirement

Select two (2) courses from the list below

- PHIL 3100 - Ancient Philosophy 3
- PHIL 3110 - The History of Medieval Philosophy 3
- PHIL 3120 - Modern 15th-18th Century Philosophy 3
- PHIL 3130 - 19th and 20th Century Philosophy 3

Total Hours 6

Value Theory Requirement

Select one (1) course from the list below

- PHIL 3040 - History of Ethics 3
- PHIL 4100 - Social-Political Philosophy 3
- PHIL 4720 - Ethical Theory 3

Total Hours 3

Minor Guided Electives

- Select one (1) course from any remaining Philosophy courses other than PHIL 1030, 1040, or 2200

Total Hours 3

Religious Studies Minor

The Religious Studies minor involves comparative and interdisciplinary study of the world religions. Religious worldviews and the role of religion in history and culture are explored. This minor, or the Religious Studies Concentration in the Philosophy and Religion major, is good preparation for seminary or other careers in or advanced study of religion.

Minor Requirements

Select one (1) course listed below:

- PHIL 1030 - Introduction to Philosophy 3
- PHIL 1040 - Introduction to Ethics 3
- PHIL 2200 - Religion and the World 3

Total Hours 3

Philosophy of Religion

Select two (2) courses from the list below:

- PHIL 3050 - Religious Ethics 3
- PHIL 3110 - The History of Medieval Philosophy 3
- PHIL 4500 - Philosophy of Religion 3

Total Hours 6

World Religions Core

Complete one from:

- PHIL 3200 - Eastern Religions 3
- PHIL 3300 - Western Religions 3

Total Hours 3

Topics in World Religions

Select two (2) courses from the list below:

- CLAS 3310 - Greek Mythology 3
- CLAS 3410 - Greek and Roman Religion 3
- ENGL 340D - Mythology and Folklore 3
- ENGL 340S - Literature of the English Bible 3
- HIST 4075 - Medieval Islamic Civilization 3
- PHIL 3050 - Religious Ethics 3
- PHIL 3110 - The History of Medieval Philosophy 3
- PHIL 3200 - Eastern Religions 3
- PHIL 3300 - Western Religions 3
- PHIL 4500 - Philosophy of Religion 3

- SOC 3400 - Sociology of Religion 3

Total Hours 6

Total Hours 18

Department of Languages and Literature

College of Arts and Letters

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

Programs:

Bachelor of Arts

- English (B.A.)
- World Languages (B.A.)

Certificate

- French Certificate
- German Certificate
- Spanish Communication Skills Certificate

Concentration

- Classical Cultures Concentration
- Classical Languages Concentration
- English Education Concentration
- English Major
- French Concentration
- German Concentration
- Spanish Concentration
- Professional, Technical, and Creative Writing Concentration

Minors (non-degree)

- Classical Civilization Minor
- Classical Language Minor
- Creative Writing and Publishing Minor
- English Minor
- Film Studies Minor
- French Minor
- German Minor
- Greek Minor

- International Studies Minor
- Latin American Studies Minor
- Latin Minor
- Linguistics Minor
- Professional Writing Minor
- Spanish Minor
- Women's and Gender Studies Minor

English (B.A.)

College of Arts and Letters Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The English major, leading to the B.A. degree, provides the foundations for a variety of careers.

Our classes will guide you through the breadth of literature and beyond. Language is a powerful tool; we will teach you the critical approach to language and how it has always shaped the world.

Instead of asking what you can do with an English major, it is better to ask, "What can't you do with an English major?" The skills you learn in our English courses help prepare you for countless careers, to include, but not limited to: Literary Agent, Author, Critic, Legal Researcher, Librarian, Reporter, Science Writer, Campaign Manager, Public Relations Manager, Social Media Manager, Teacher, Professor, Content Creator etc.

Program CIP Code

15.23.0101.00

Concentrations

- English Major
- English Education Concentration
- Professional, Technical, and Creative Writing Concentration

English Major

The English Major, leading to the B.A. degree, provides the foundations for a variety of careers. Our classes will guide you through the breadth of literature and beyond. Language is a powerful tool; we will teach you critical approaches to language and how it has always shaped the world. Instead of asking what you can do with an English major, it is better to ask, "What can't you do with an English major?" The skills you learn in our English courses help prepare you for countless careers, including, but not limited to: Literary Agent, Author, Critic, Legal Researcher, Librarian, Reporter, Science Writer, Campaign Manager, Public Relations Manager, Social Media Manager, Teacher, Professor, Content Creator, etc.

Program CIP Code

15.23.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language 2010 and 2020	6

Lower Division Courses

- ENGL 1100 - Technical and Report Writing 3

Total Hours 3

Additional Major Required Courses

American Literature: Select one (1) course from the list below

- ENGL 3010 - Studies in American Literature I 3
- ENGL 3020 - Studies in American Literature II 3

African American Literature: Select one (1) course from the list below:

- ENGL 3430 - Studies in African American Literature I 3
- ENGL 3440 - Studies in African American Literature II 3

British Literature: Select one (1) course from the list below:

- ENGL 3100 - Studies in British Literature I 3
- ENGL 3130 - Studies in British Literature II 3
- ENGL 3150 - Shakespeare 3

Writing: Select one (1) Course from the list below:

- ENGL 3200 - Expository Writing 3
- ENGL 3210 - Writing Fiction 3
- ENGL 3220 - Writing Poetry 3

- ENGL 3230 - Writing Creative Non-Fiction 3
 - ENGL 3500 - Advanced Technical Writing 3
 - ENGL 3510 - Technical Report Writing 3
 - ENGL 3600 - Professional Writing and Editing 3
 - ENGL 3700 - Business Writing 3
 - ENGL 4230 - Writing Workshop: Creative Nonfiction 3
- Linguistics: Select one (1) Course from the list below:**
- LING 2020 - Dialects in English 3
 - LING 4010 - History of the English Language 3
 - LING 4020 - History of American English 3
 - LING 4040 - How Language Works 3
 - LING 4050 - English Grammar and Usage 3
 - LING 4060 - Survey of Early Germanic Languages 3
 - LING 4041 - How Words Work 3
 - LING 4042 - How Sound Works 3

Total Hours 15

Major Guided Electives

Select one (1) Course from the list below

- ENGL 340B - Native American Literature 3
- ENGL 340D - Mythology and Folklore 3
- ENGL 340F - Women Writers: Topics in Women Literature 3
- ENGL 340G - Critical Studies: African American Literature 3
- ENGL 340H - African Writers 3
- ENGL 340M - U.S. Latino/a Literatures 3
- ENGL 340N - LGBTQ Literature Across Cultures 3
- ENGL 340P - Topics in World Literature 3
- ENGL 340R - Century's End: Race and Gender at the Turn of the Twentieth Century 3
- ENGL 340W - Critical Studies in Women's Literature 3

Select five (5) courses from:

- ENGL 3200 - Expository Writing 3
- ENGL 3210 - Writing Fiction 3
- ENGL 3220 - Writing Poetry 3
- ENGL 3230 - Writing Creative Non-Fiction 3
- ENGL 340B - Native American Literature 3
- ENGL 340C - Modern Southern Fiction 3
- ENGL 340D - Mythology and Folklore 3
- ENGL 340F - Women Writers: Topics in Women Literature 3
- ENGL 340G - Critical Studies: African American Literature 3
- ENGL 340H - African Writers 3
- ENGL 340J - Shakespeare on Film and Stage 3
- ENGL 340L - Early American Literature 3
- ENGL 340M - U.S. Latino/a Literatures 3
- ENGL 340N - LGBTQ Literature Across Cultures 3
- ENGL 340P - Topics in World Literature 3

- ENGL 340S - Literature of the English Bible 3
- ENGL 340W - Critical Studies in Women's Literature 3
- ENGL 3500 - Advanced Technical Writing 3
- ENGL 3510 - Technical Report Writing 3
- ENGL 3600 - Professional Writing and Editing 3
- ENGL 360A - American Drama 3
- ENGL 360B - American Short Story 3
- ENGL 360C - English Drama 1580-1780 3
- ENGL 360D - Literary Criticism 3
- ENGL 360E - Modern Drama 3
- ENGL 360F - Modern Fiction 3
- ENGL 360G - Modern Poetry 3
- ENGL 360H - Literature and Film Across Cultures 3
- ENGL 3700 - Business Writing 3
- ENGL 370A - 17th Century British Prose and Poet 3
- ENGL 4230 - Writing Workshop: Creative Nonfiction 3
- ENGL 4400 - Teaching English in Secondary School 3
- ENGL 460A - Major Medieval Writers 3
- ENGL 460B - Major Renaissance Writers 3
- ENGL 460C - Major 18th Century Writers 3
- ENGL 460D - Major Romantic Writers 3
- ENGL 460E - Major Victorian Writers 3
- ENGL 460F - Major American Writers I 3
- ENGL 460G - Major American Writers II 3
- ENGL 460H - Major Modern British Writers 3
- ENGL 4600 - Topics in Literature and Language 3
- ENGL 4650 - Independent Study in Language or Literature 3
- LING 4010 - History of the English Language 3
- LING 4020 - History of American English 3
- LING 4040 - How Language Works 3
- LING 4041 - How Words Work 3
- LING 4042 - How Sound Works 3
- LING 4050 - English Grammar and Usage 3
- LING 4060 - Survey of Early Germanic Languages 3

Complete a two (2) semester sequence of Foreign language Foreign Language 1010/1020 (6) or Foreign Language 2010/2020 (6)

Total Hours 18

Free Electives

Total Hours 36

Total Program Hours 120

English Education Concentration

The Bachelor of Arts in English with a concentration in English Education prepares students for teaching licensure.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Program CIP Code

15.23.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language (2010 and 2020)	6

English Education Concentration

Lower Division Courses

- ENGL 1100 - Technical and Report Writing 3

Total Hours 3

Upper Division Courses

- ENGL 3010 - Studies in American Literature I 3
- ENGL 3020 - Studies in American Literature II 3
- ENGL 3150 - Shakespeare 3
- ENGL 3420 - Diversity in Young Adult Literature 3
- ENGL 4400 - Teaching English in Secondary School 3
- RDG 4040 - Content Reading 3
- **Complete one course from:**
- ENGL 3100 - Studies in British Literature I 3
- ENGL 3130 - Studies in British Literature II 3
- **Complete one course from:**
- ENGL 3430 - Studies in African American Literature I 3

- ENGL 3440 - Studies in African American Literature II 3

Total Hours 24

Concentration Guided Electives

Complete one course from:

- ENGL 3200 - Expository Writing 3
- ENGL 3210 - Writing Fiction 3
- ENGL 3220 - Writing Poetry 3
- ENGL 3230 - Writing Creative Non-Fiction 3
- ENGL 3500 - Advanced Technical Writing 3
- ENGL 3600 - Professional Writing and Editing 3
- ENGL 3700 - Business Writing 3
- ENGL 4210 - Writing Workshop: Fiction 3
- ENGL 4220 - Writing Workshop: Poetry 3
- ENGL 4230 - Writing Workshop: Creative Nonfiction 3

Complete two course from:

- LING 4010 - History of the English Language 3
- LING 4020 - History of American English 3
- LING 4040 - How Language Works 3
- LING 4041 - How Words Work 3
- LING 4042 - How Sound Works 3
- LING 4050 - English Grammar and Usage 3

Complete one course from:

- ENGL 340B - Native American Literature 3
- ENGL 340C - Modern Southern Fiction 3
- ENGL 340D - Mythology and Folklore 3
- ENGL 340F - Women Writers: Topics in Women Literature 3
- ENGL 340G - Critical Studies: African American Literature 3
- ENGL 340H - African Writers 3
- ENGL 340J - Shakespeare on Film and Stage 3
- ENGL 340L - Early American Literature 3
- ENGL 340M - U.S. Latino/a Literatures 3
- ENGL 340N - LGBTQ Literature Across Cultures 3
- ENGL 340P - Topics in World Literature 3
- ENGL 340R - Century's End: Race and Gender at the Turn of the Twentieth Century 3
- ENGL 340S - Literature of the English Bible 3
- ENGL 340W - Critical Studies in Women's Literature 3
- ENGL 360A - American Drama 3
- ENGL 360B - American Short Story 3
- ENGL 360C - English Drama 1580-1780 3
- ENGL 360D - Literary Criticism 3
- ENGL 360E - Modern Drama 3
- ENGL 360F - Modern Fiction 3
- ENGL 360G - Modern Poetry 3
- ENGL 360H - Literature and Film Across Cultures 3

- ENGL 370A - 17th Century British Prose and Poet 3
- ENGL 4600 - Topics in Literature and Language 3
- ENGL 460A - Major Medieval Writers 3
- ENGL 460B - Major Renaissance Writers 3
- ENGL 460C - Major 18th Century Writers 3
- ENGL 460D - Major Romantic Writers 3
- ENGL 460E - Major Victorian Writers 3
- ENGL 460F - Major American Writers I 3
- ENGL 460G - Major American Writers II 3
- ENGL 460H - Major Modern British Writers 3
- ENGL 4650 - Independent Study in Language or Literature 3

Total Hours 12

Minor

The Professional Education Minor for Secondary and K-12 Education is required.

Total hours 36

Total Program Hours 123

Professional, Technical, and Creative Writing Concentration

The English Major, leading to the B.A. degree, provides the foundations for a variety of careers. Our classes will guide you through the breadth of literature and beyond. Language is a powerful tool; we will teach you critical approaches to language and how it has always shaped the world. Instead of asking what you can do with an English major, it is better to ask, "What can't you do with an English major?" The skills you learn in our English courses help prepare you for countless careers, including, but not limited to: Literary Agent, Author, Critic, Legal Researcher, Librarian, Reporter, Science Writer, Campaign Manager, Public Relations Manager, Social Media Manager, Teacher, Professor, Content Creator, etc.

Program CIP Code

15.23.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language 2010 and 2020	6

Major Core Requirements

Lower Division Courses

- ENGL 1100 - Technical and Report Writing 3

Total Hours 9

Upper Division Courses

Complete one course from:

- ENGL 3010 - Studies in American Literature I 3
- ENGL 3020 - Studies in American Literature II 3

Complete one course from:

- ENGL 3100 - Studies in British Literature I 3
- ENGL 3130 - Studies in British Literature II 3
- ENGL 3150 - Shakespeare 3

Complete one course from:

- ENGL 3430 - Studies in African American Literature I 3
- ENGL 3440 - Studies in African American Literature II 3

Complete one course from:

- ENGL 3200 - Expository Writing 3
- ENGL 3210 - Writing Fiction 3
- ENGL 3220 - Writing Poetry 3
- ENGL 3230 - Writing Creative Non-Fiction 3
- ENGL 3500 - Advanced Technical Writing 3
- ENGL 3510 - Technical Report Writing 3
- ENGL 3600 - Professional Writing and Editing 3
- ENGL 3700 - Business Writing 3
- ENGL 4230 - Writing Workshop: Creative Nonfiction 3

Complete one course from:

- LING 2020 - Dialects in English 3
- LING 4010 - History of the English Language 3
- LING 4020 - History of American English 3
- LING 4030 - Introduction to Historical Linguistics 3
- LING 4040 - How Language Works 3
- LING 4041 - How Words Work 3
- LING 4042 - How Sound Works 3
- LING 4050 - English Grammar and Usage 3
- LING 4060 - Survey of Early Germanic Languages 3
- LING 4070 - Language, Culture and Identity 3
- LING 4080 - Theories in Second Language Acquisition 3
- LING 4600 - Special Topics in Linguistics

Total Hours 15

Concentration Requirements

Lower Division

Complete one course from:

- ENGL 2200 - Introduction to Creative Writing: Poetry and Fiction 3
- ENGL 3500 - Advanced Technical Writing 3

Total Hours 3

Upper Division Course

Select four (4) courses from the list below:

- ENGL 3200 - Expository Writing 3
- ENGL 3210 - Writing Fiction 3
- ENGL 3220 - Writing Poetry 3
- ENGL 3230 - Writing Creative Non-Fiction 3
- ENGL 3310 - Stories for Creative Writers 3
- ENGL 3320 - Poetry for Creative Writers 3
- ENGL 3500 - Advanced Technical Writing 3
- ENGL 3510 - Technical Report Writing 3

- ENGL 3700 - Business Writing 3
 - ENGL 4210 - Writing Workshop: Fiction 3
 - ENGL 4220 - Writing Workshop: Poetry 3
 - ENGL 4230 - Writing Workshop: Creative Nonfiction 3
 - ENGL 4500 - Technical Writing Theory and Research 3
- Select one (1) course from the list below:**
- ENGL 3600 - Professional Writing and Editing 3
 - ENGL 4300 - Publishing and the Creative Marketplace 3
 - ENGL 4610 - Professional Writing Internship 3
 - ENGL 4620 - Literary Journal Internship 3

Total Hours 15

Concentration Guided Electives

Complete two courses from: Any two Literature, Writing or Linguistics courses not previously utilized for a total of 6 credit hours.

Total Hours 6

Free Electives

Total Hours 30

Total Program Hours 120

World Languages (B.A.)

Dr. Beatrix Brockman

Chair, Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Department of Languages and Literature offers a World Languages Major with concentrations and minors in Classical Civilization, Classical Languages, French, German, Greek, Latin, and Spanish.

For students wishing to become World Language Teachers, we recommend pursuing the BA in World Languages, followed by an MAT (Master of Arts in Teaching) to obtain licensure in Tennessee. Alternatively, there is embedded teacher training for licensure; please contact Dr. Katherine Honea for more information: honeak@apsu.edu

An oral or, in the case of ancient languages, written proficiency exam and a portfolio are graduation requirements for all World Language majors. Students must see their advisor for more information. A minor is required.

Program CIP Code

10.16.0101.00

Concentrations

- Classical Cultures Concentration
- Classical Languages Concentration
- French Concentration
- German Concentration
- Spanish Concentration

Classical Cultures Concentration

Program CIP Code

10.16.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language (2010 and 2020)	6

Concentration Requirements that Satisfy General Education Core

Complete one language sequence from below:

- GREK 2010 - Intermediate Greek I 3
- GREK 2020 - Intermediate Greek II 3
- LATN 2010 - Intermediate Latin I 3
- LATN 2020 - Intermediate Latin II 3

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages 1

Total Hours 1

Concentration Requirements

Lower Division Courses

Complete two course from:

- CLAS 2000 - Introduction to Ancient Civilization 3
- CLAS 2310 - Classical Mythology 3
- CLAS 2410 - Introduction to Ancient Literatures 3

Total Hours 6

Concentration Guided Electives

Complete seven courses from:

(Please note 15 credit hours should be in courses 3000 or above, only 6 credit hours may be language courses, and CLAS 2010, 2310 and 2410 may only count in the major core or elective not both)

- CLAS 2010 - English Words from Latin and Greek 3
- CLAS 2310 - Classical Mythology 3
- CLAS 2410 - Introduction to Ancient Literatures 3
- CLAS 3240 - The Classical Tradition in English Poetry 3
- CLAS 3310 - Greek Mythology 3
- CLAS 3400 - Greek and Roman Archaeology 3
- CLAS 3410 - Greek and Roman Religion 3
- CLAS 3510 - Sport in the Ancient World 3
- CLAS 3520 - Sex and Gender in the Greco-Roman World 3
- CLAS 3610 - Greek Civilization 3
- CLAS 3620 - Roman Civilization 3
- CLAS 4100 - The Ancient Greco-Roman City 3
- CLAS 4900 - Topics in Classical Studies 3
- GREK 1010 - Introductory Greek I 3
- GREK 1020 - Introductory Greek II 3
- GREK 2010 - Intermediate Greek I 3
- GREK 2020 - Intermediate Greek II 3
- GREK 3520 - Koine Greek 3
- GREK 4900 - Independent Study in Greek 3
- LATN 1010 - Introductory Latin I 3
- LATN 1020 - Introductory Latin II 3
- LATN 2010 - Intermediate Latin I 3
- LATN 2020 - Intermediate Latin II 3
- LATN 4900 - Independent Study in Latin 3
- HIST 4051 - Ancient Greece 3
- HIST 4052 - Ancient Rome 3
- HIST 4053 - The Fall of the Roman Empire 3
- PHIL 3100 - Ancient Philosophy 3

Total Hours 21

Free Electives

Total Hours 44

Total Program Hours 120

Classical Languages Concentration

Program CIP Code

10.16.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language (2010-2020)	6

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages 1

Total Hours 1

Concentration Requirements

Lower Division Courses

Complete two courses from:

- CLAS 2000 - Introduction to Ancient Civilization 3
- CLAS 2310 - Classical Mythology 3
- CLAS 2410 - Introduction to Ancient Literatures 3

Total Hours 6

Primary Language

Complete 15 hours of GREK or LATN courses below (courses must be from the same language. The 2010/2020 option may also fulfill the BA Language requirement):

- GREK 2010 - Intermediate Greek I 3
- GREK 2020 - Intermediate Greek II 3
- GREK 2110 - Intermediate Modern Greek 3
- GREK 2120 - Intermediate Modern Greek 3
- GREK 3520 - Koine Greek 3
- GREK 3999 - Readings in Ancient Greek Authors 3
- GREK 4900 - Independent Study in Greek 3

- LATN 2010 - Intermediate Latin I 3
- LATN 2020 - Intermediate Latin II 3
- LATN 2999 - Selected Readings in Latin Authors 3
- LATN 3999 - Readings in Latin Authors 3
- LATN 4900 - Independent Study in Latin 3

Total Hours 15

Secondary Language

Complete two course (one sequence) from the below (please note these requirements will also satisfy General Education Core requirements):

- FREN 1010 - Introductory French I 3
- FREN 1020 - Introductory French II 3
- FREN 2010 - Intermediate French I 3
- FREN 2020 - Intermediate French II 3
- GERM 1010 - Introductory German I 3
- GERM 1020 - Introductory German II 3
- GERM 2010 - Intermediate German I 3
- GERM 2020 - Intermediate German II 3
- GREK 1010 - Introductory Greek I 3
- GREK 1020 - Introductory Greek II 3
- GREK 2010 - Intermediate Greek I 3
- GREK 2020 - Intermediate Greek II 3
- LATN 1010 - Introductory Latin I 3
- LATN 1020 - Introductory Latin II 3
- LATN 2010 - Intermediate Latin I 3
- LATN 2020 - Intermediate Latin II 3
- SPAN 1010 - Introductory Spanish I 3
- SPAN 1020 - Introductory Spanish II 3
- SPAN 2010 - Intermediate Spanish I 3
- SPAN 2020 - Intermediate Spanish II 3

Total Hours 6

Concentration Guided Electives

Complete six hours from:

- CLAS 3240 - The Classical Tradition in English Poetry 3
- CLAS 3330 - The Odyssey in Western Literature 3
- CLAS 3400 - Greek and Roman Archaeology 3
- CLAS 3410 - Greek and Roman Religion 3
- CLAS 3510 - Sport in the Ancient World 3
- CLAS 3520 - Sex and Gender in the Greco-Roman World 3
- CLAS 3530 - Race and Ethnicity in the Ancient Greco-Roman World 3
- CLAS 4100 - The Ancient Greco-Roman City 3

- CLAS 4900 - Topics in Classical Studies 3
- GREK 3520 - Koine Greek 3
- GREK 3999 - Readings in Ancient Greek Authors 3
- GREK 4900 - Independent Study in Greek 3
- HIST 4051 - Ancient Greece 3
- HIST 4052 - Ancient Rome 3
- HIST 4053 - The Fall of the Roman Empire 3
- LATN 3999 - Readings in Latin Authors 3
- LATN 4900 - Independent Study in Latin 3
- PHIL 3100 - Ancient Philosophy 3

Total Hours 6

Free Electives

Total Hours 44

Total Program Hours 120

French Concentration

The following courses are required for the B.A. in Foreign Languages with a Concentration in French. The major consists of 33-35 hours of coursework.

Program CIP Code

10.16.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- FREN 2010 - Intermediate French I 3
- FREN 2020 - Intermediate French II 3
- **Complete one sequence from:**
- Foreign Language 1010/1020
- Foreign Language 2010/2020

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages 1

Total Hours 1

Concentration Requirements

Upper Division Courses

- FREN 3210 - Advanced Composition in French 3
- FREN 3220 - Phonetics and Conversation in French 3
- FREN 3320 - French and Francophone Civilization 3
- **Select any three (3) courses listed below**
- FREN 3410 - Business French 3
- FREN 3420 - French and Francophone Cinema 3
- FREN 3430 - Approaches to French and Francophone Literature 3
- FREN 4410 - French Poetry 3

- FREN 4420 - French and Francophone Theatre 3
 - FREN 4430 - French and Francophone Fiction 3
 - FREN 4530 - French and Francophone Literature Spec Topics 3
- Select one (1) Course from the list below**
- HIST 4056 - Absolutism and Enlightenment 3
 - HIST 4057 - Modern Europe 1789 to 1919 3

Total Hours 21

Minor

There is no specific minor required for the Bachelor's in Foreign Language but a minor is required.

Total Hours 18

Free Electives

Total Hours 26 - 32

Total Program Hours 120

German Concentration

The following courses are required for the B.A. in Foreign Languages with a Concentration in German. The major consists of between 30-32 hours of coursework.

Program CIP Code

10.16.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language (2010 and 2020)	6

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages 1

Total Hours 1

Major Requirements that Satisfy General Education Core

- GERM 2010 - Intermediate German I 3
- GERM 2020 - Intermediate German II 3

Total Hours 6

Upper Division Courses

- GERM 3210 - Advanced Composition in German 3
- GERM 3220 - Phonetics and Conversation in German 3
- **Select two (2) courses from the list below**
- GERM 3420 - German Cinema 3
- GERM 3510 - German Civilization, Culture and Geography I 3
- GERM 3520 - German Civilization, Culture and Geography II 3
- GERM 3530 - German for Business and Professional Life 3
- **Select two (2) courses from the list below**
- GERM 4510 - Survey of German Literature I 3
- GERM 4520 - Survey of German Literature II 3
- GERM 4530 - German Literature: Special Topics 3

- GERM 4540 - German Literature for the 21st Century 3

Total Hours 18

Foreign Language Sequence

Complete one sequence from:

- FREN 1010 - Introductory French I 3
- FREN 1020 - Introductory French II 3
- or
- FREN 2010 - Intermediate French I 3
- FREN 2020 - Intermediate French II 3
- or
- LATN 1010 - Introductory Latin I 3
- LATN 1020 - Introductory Latin II 3
- or
- LATN 2010 - Intermediate Latin I 3
- LATN 2020 - Intermediate Latin II 3
- or
- SPAN 1010 - Introductory Spanish I 3
- SPAN 1020 - Introductory Spanish II 3
- or
- SPAN 2010 - Intermediate Spanish I 3
- SPAN 2020 - Intermediate Spanish II 3

Total Hours 6

Minor

There is no specific minor required for the Bachelor's in Foreign Language but a minor is required.

Total Hours 18

Free Electives

Total Hours 29

Total Program Hours 120

Spanish Concentration

Program CIP Code

10.16.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language (2010 and 2020)	6

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages 1

Total Hours 1

Concentration Requirements that Satisfy General Education

- SPAN 2010 - Intermediate Spanish I 3
- SPAN 2020 - Intermediate Spanish II 3

Upper Division Courses

- SPAN 3210 - Advanced Composition 3
- SPAN 3220 - Phonetics and Conversation in Spanish 3

Total Hours 6

Concentration Guided Electives

Complete two (2) courses of Linguistics and Translation from:

- SPAN 2420 - Introduction to Spanish Translation and Interpretation 3
- SPAN 3310 - Introduction to Hispanic Linguistics 3
- SPAN 3400 - Special Topics: Language 3
- SPAN 4320 - Sociolinguistics and Dialectology of Spanish 3

Complete two (2) Peninsular Courses from:

- SPAN 3450 - Peninsular and Latin American Cinema 3
- SPAN 3510 - Spanish Civilization I 3

- SPAN 3520 - Spanish Civilization II 3
- SPAN 4100 - Special Topics: Literature 3
- SPAN 4510 - Survey of Spanish Peninsular Literature I 3
- SPAN 4520 - Survey of Spanish Peninsular Literature II 3

Complete two (2) Latin American courses from:

- SPAN 3450 - Peninsular and Latin American Cinema
- SPAN 3610 - Spanish American Civilization I 3
- SPAN 3620 - Spanish American Civilization II 3
- SPAN 4100 - Special Topics: Literature
- SPAN 4610 - Survey of Spanish American Literature I 3
- SPAN 4620 - Survey of Spanish American Literature II 3

Complete one series (1010 and 1020 or 2010 and 2020) from (Please note the 1010/1020 sequence may also fulfill the General Education Humanities Core requirement):

- FREN 1010 - Introductory French I 3
- FREN 1020 - Introductory French II 3
- FREN 2010 - Intermediate French I 3
- FREN 2020 - Intermediate French II 3
- GERM 1010 - Introductory German I 3
- GERM 1020 - Introductory German II 3
- GERM 2010 - Intermediate German I 3
- GERM 2020 - Intermediate German II 3
- GREK 1010 - Introductory Greek I 3
- GREK 1020 - Introductory Greek II 3
- GREK 2010 - Intermediate Greek I 3
- GREK 2020 - Intermediate Greek II 3
- LATN 1010 - Introductory Latin I 3
- LATN 1020 - Introductory Latin II 3
- LATN 2010 - Intermediate Latin I 3
- LATN 2020 - Intermediate Latin II 3

Total Hours 24

Minor

There is no specific minor required for the Bachelor's in Foreign Language but a minor is required.

Total Hours 18

Free Electives

Total Hours 23-29

Total Program Hours 120

French Certificate

Dr. Beatrix Brockman
Chair, Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

The Undergraduate Certificate in French is intended for students who are not majoring or minoring in French, but who want to prepare for a life and career in international business, communication, or government service in French-speaking parts of the world.

Program CIP

10.16.0901.00

Certificate Requirements

- FREN 2020 - Intermediate French II 3

Total Hours 3

Certificate Guided Electives

Complete twelve (12) hours from:

- FREN 3000 - 4999

Total Hours 12

Total Program Hours 15

German Certificate

Dr. Beatrix Brockman
Chair, Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Program CIP

10.16.0901.00

Certificate Requirements

- GERM 2020 - Intermediate German II 3

Total Hours 3

Certificate Electives

Complete 12 hours from any GERM 3000 - 3999. Please note should Study Abroad be selected, no more than 6 hours may apply to the certificate.

Total Hours 12

Total Program Hours 15

Spanish Communication Skills Certificate

Dr. Beatrix Brockman

Chair, Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

Program CIP

10.16.0905.00

Required Courses

- COMM 2045 - Public Speaking 3
- SOC 1010 - Introduction to Sociology 3
- SPAN 1010 - Introductory Spanish I 3
- SPAN 1020 - Introductory Spanish II 3

Total Program Hours 12

Classical Civilization Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Minor in Classical Civilization is well-suited for students who are interested in attaining a background in the Ancient Greek and Roman civilizations from multiple angles. The curriculum provides a general grounding in either Ancient Greek or Latin with many options for taking courses in Classical literature, culture, and archaeology. This minor also offers students the chance to participate in the Ancient Mediterranean Club, be initiated in Eta Sigma Phi, the national Classical Studies honorary organization, and publish in Austin Peay's own Philomathes: An Online Journal for Undergraduate Research in Classics.

Minor Required Courses

Select two (2) courses from the list below

- GREK 1010 - Introductory Greek I 3
 - GREK 1020 - Introductory Greek II 3
 - GREK 2010 - Intermediate Greek I 3
 - GREK 2020 - Intermediate Greek II 3
 - LATN 1010 - Introductory Latin I 3
 - LATN 1020 - Introductory Latin II 3
 - LATN 2010 - Intermediate Latin I 3
 - LATN 2020 - Intermediate Latin II 3
- Any GREK or LATN 3000 or 4000 level courses

Total Hours 6

Minor Guided Electives

Complete four courses from:

- ART 2010 - Art History, Survey I 3
- CLAS 3000 - 4999
- ENGL 340D - Mythology and Folklore 3
- GREK 1110 - Elementary Modern Greek 4
- HIST 4071 - The Early Middle Ages 3
- HIST 4051 - Ancient Greece 3
- HIST 4052 - Ancient Rome 3
- PHIL 3100 - Ancient Philosophy 3
- PHIL 3110 - The History of Medieval Philosophy 3

Total Hours 12-13

Total Hours 18-20

Classical Language Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The minor in Classical Languages is well-suited for students who are interested in participating in intensive study in the Ancient Greek and Latin languages. The curriculum provides a general grounding in either Ancient Greek or Latin with options for taking courses in Classical literature, culture, and archaeology. This minor also offers students the chance to participate in the Ancient Mediterranean Club, be initiated in Eta Sigma Phi, the national Classical Studies honorary organization, and publish in the Austin Peay's own Philomathes: An Online Journal for Undergraduate Research in Classics.

Minor Requirements

Select four (4) courses from the list below

- GREK 1010 - Introductory Greek I 3
- GREK 1020 - Introductory Greek II 3
- GREK 2010 - Intermediate Greek I 3
- GREK 2020 - Intermediate Greek II 3
- LATN 1010 - Introductory Latin I 3
- LATN 1020 - Introductory Latin II 3
- LATN 2010 - Intermediate Latin I 3
- LATN 2020 - Intermediate Latin II 3
- Any GREK or LATN 3000 or 4000 level courses 3-4

Total Hours 12

Minor Guided Electives

Complete two courses from below:

- ART 2010 - Art History, Survey I 3
- CLAS 3000 - 4999
- ENGL 340D - Mythology and Folklore 3
- GREK 1110 - Elementary Modern Greek 4
- HIST 4051 - Ancient Greece 3
- HIST 4052 - Ancient Rome 3
- HIST 4071 - The Early Middle Ages 3
- PHIL 3100 - Ancient Philosophy 3

Total Hours 6

Total Hours 18

Creative Writing and Publishing Minor

This minor provides opportunities to study the craft of published creatives across genres and to develop professional skills that complement a wide range of major fields, career options, and skill sets including managing project deadlines, addressing diverse audiences, and thinking critically.

Minor Requirements

- ENGL 2200 - Introduction to Creative Writing: Poetry and Fiction 3

Total Hours 3

Minor Guided Electives

Complete three courses from:

- ENGL 3210 - Writing Fiction 3
- ENGL 3220 - Writing Poetry 3
- ENGL 3230 - Writing Creative Non-Fiction 3
- ENGL 3310 - Stories for Creative Writers 3
- ENGL 3320 - Poetry for Creative Writers 3
- ENGL 4210 - Writing Workshop: Fiction 3
- ENGL 4220 - Writing Workshop: Poetry 3
- ENGL 4230 - Writing Workshop: Creative Nonfiction 3
- ENGL 4900 - Playwriting 3
- ENGL 4950 - Advanced Playwriting 3

Total Hours 9

Professional Writing / Publishing Course

Complete one course from:

- ENGL 3600 - Professional Writing and Editing 3
- ENGL 4300 - Publishing and the Creative Marketplace 3
- ENGL 4620 - Literary Journal Internship 3

Total Hours 3

Media / Marketing Course

Complete one course from:

- ART 3030 - Book Arts 3
- COMM 3420 - Principles of Social Media 3
- COMM 3100 - Digital Publishing 3
- COMM 4710 - New Journalism 3
- MKT 3001 - Introduction to Marketing 3

Total Hours 3

Total Program Hours 18

English Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

A minor in English is a great way to build transferable skills. No matter what major you choose, you can always transfer your skills to your next job. According to the Bureau of Labor and Statistics, people change jobs/career paths 11-14 times in course of their professional life. What does this mean? Good writing will be one of the most important non-technical skills you have in the workplace, and a minor in English will help you develop this ability. English minors also are good at communication, organization, critical thinking, analysis, knowledge of other cultures, even conflict resolution.

Minor Requirements

Complete one course (3 hours from):

- ENGL 3010 - Studies in American Literature I 3
- ENGL 3020 - Studies in American Literature II 3
- ENGL 3100 - Studies in British Literature I 3
- ENGL 3130 - Studies in British Literature II 3
- ENGL 3430 - Studies in African American Literature I 3
- ENGL 3440 - Studies in African American Literature II 3

Complete one course (3 hours) from:

- ENGL 1100 - Technical and Report Writing 3
- ENGL 2200 - Introduction to Creative Writing: Poetry and Fiction 3
- ENGL 3200 - Expository Writing 3
- ENGL 3700 - Business Writing 3

Complete one course (3 hours) from:

- LING 4010 - History of the English Language 3
- LING 4020 - History of American English 3
- LING 4030 - Introduction to Historical Linguistics 3
- LING 4040 - How Language Works 3
- LING 4041 - How Words Work 3
- LING 4050 - English Grammar and Usage 3
- LING 4600 - Special Topics in Linguistics

Complete nine hours from any English or Linguistics course 3000 - 4999.

Total Hours 9

Minor Guided Electives

Complete nine hours from any ENGL or LING course 3000-4999

Total Hours 9

Total Hours 18

Film Studies Minor

Dr. Beatrix Brockman

Chair, Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Film Studies minor (18 credit hours) is structured in three tracks (Critical Film Studies, Applied Film Studies, and Comprehensive Film Studies) to examine and apply the terms and concepts of film appreciation, theory, criticism, and production. Students who take this minor will receive an understanding of films from several different cultures and gain an ability to produce and analyze films in technical, theoretical and cultural terms.

Required Courses

- ENGL 2070 - Introduction to History and Theory of Film 3
- COMM 3950 - Methods of Film Analysis 3

Total Hours 6

Concentration Guided Electives

Complete one option from:

Option I:

Complete 12 hours from:

- AAST 3400 - African Americans in Film and Society 3
- ENGL 340J - Shakespeare on Film and Stage 3
- ENGL 360H - Literature and Film Across Cultures 3
- ENGL 460I - Special Topics in Film Studies 3
- ENGL 460J - Major Film Directors 3
- FREN 3420 - French and Francophone Cinema 3
- GERM 3420 - German Cinema 3
- SPAN 3450 - Peninsular and Latin American Cinema 3
- WGS 3070 - Women and Film 3
- WGST 3090 - Queer Film 3

Option II:

Complete 12 hours from:

- COMM 2140 - Principles of Radio and Television Production 3
- COMM 3760 - Video Production I 3
- COMM 4310 - Documentary Production 3
- COMM 4760 - Video Production II 3
- COMM 4960 - Film Scriptwriting 3

Option III:

Complete 12 hours from:

- AAST 3400 African Americans in Film and Society
- COMM 2140 - Principles of Radio and Television Production 3
- COMM 3760 - Video Production 1 3
- COMM 4310 - Documentary Production 3
- COMM 4760 - Video Production II 3
- COMM 4960 - Film Scriptwriting 3
- ENGL 340J - Shakespeare on Film and Stage 3
- ENGL 360H - Literature and Film Across Cultures 3
- ENGL 460I Special Topics in Film Studies
- ENGL 460J - Major Film Directors 3
- FREN 3420 - French and Francophone Cinema 3
- GERM 3420 - German Cinema 3
- SPAN 3450 - Peninsular and Latin American Cinema 3
- WGS 3070 - Women and Film 3
- WGST 3090 - Queer Film 3

Total Hours 12

Total Minor Hours 18

French Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

Students will acquire a knowledge base that includes advanced French language, spoken by approximately 250 million French speakers, and knowledge of the cultures of the 29 Francophone countries of the world. The Minor in French is intended to prepare non-majors for life and work in a global and multilingual society. The minor will serve the needs of students who would like to prepare for careers in international business, communication, or government service in French-speaking parts of the world. The minor will give students the opportunity to build their oral and written proficiency skills and content knowledge in French. In addition, some students might choose to study on an APSU study abroad program in Quebec, France, or West Africa, or a semester-long exchange program in France or in Quebec, providing them with real-world opportunities to speak French and explore the French-speaking cultures of the world.

Minor Requirements

- FREN 2010 - Intermediate French I 3
- FREN 2020 - Intermediate French II 3
- FREN 3210 - Advanced Composition in French 3
- FREN 3220 - Phonetics and Conversation in French 3

Total Hours 12

Minor Guided Electives

Complete three (3) courses from:

- FREN 3040 - Study Abroad 6 to 8
- FREN 3050 - Semester Study in France 6 to 12
- FREN 3320 - French and Francophone Civilization 3
- FREN 3330 - Quebec Literature and Culture 3
- FREN 3410 - Business French 3
- FREN 3420 - French and Francophone Cinema 3
- FREN 3430 - Approaches to French and Francophone Literature 3
- FREN 4410 - French Poetry 3
- FREN 4420 - French and Francophone Theatre 3
- FREN 4430 - French and Francophone Fiction 3
- FREN 4530 - French and Francophone Literature Spec Topics 3

Total Hours 6-9

Total Hours 21 - 24

German Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

Proficiency in German can give you an annual salary boost in the United States. With more than 3000 German majority-owned businesses in the US, German will take you to many job opportunities in business, government, health care, education, technology, and publishing. In small classes, students will experience a student-entered approach active learning through close and personal interaction with professors.

Required Courses

- GERM 2010 - Intermediate German I 3
- GERM 2020 - Intermediate German II 3
- GERM 3210 - Advanced Composition in German 3
- GERM 3220 - Phonetics and Conversation in German 3

Total Hours 12

Minor Guided Electives

Complete two courses from the list below:

- GERM 3420 - German Cinema 3
- GERM 3510 - German Civilization, Culture and Geography I 3
- GERM 3520 - German Civilization, Culture and Geography II 3

Total Hours 6

Total Hours 18

Greek Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Minor in Greek is well-suited for students who are interested in attaining a background the Ancient Greek civilization from multiple angles. The curriculum provides a general grounding in the Ancient Greek language with options for taking courses in Classical literature, culture, and archaeology. This minor also offers students the chance to participate in the Ancient Mediterranean Club, be initiated in Eta Sigma Phi, the national Classical Studies honorary organization, and publish in Austin Peay's own Philomathes: An Online Journal for Undergraduate Research in Classics.

Minor Requirements

- GREK 1010 - Introductory Greek I 3
 - GREK 1020 - Introductory Greek II 3
 - GREK 2010 - Intermediate Greek I 3
 - GREK 2020 - Intermediate Greek II 3
- or
- any GREK 3000-4999 level courses

Total Hours 12

Minor Guided Electives

- ART 2010 - Art History, Survey I 3
- CLAS 3000 - 4999
- GREK 1110 - Elementary Modern Greek 4
- HIST 4051 - Ancient Greece 3
- HIST 4052 - Ancient Rome 3
- HIST 4071 - The Early Middle Ages 3
- PHIL 3100 - Ancient Philosophy 3

Total Hours 6

Total Hours 18

International Studies Minor

Dr. Beatrix Brockman

Chair, Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The minor is designed to enable students to be better prepared for positions with government, business, or industry with international connections. It strives to develop foreign language skills, helps to provide opportunities for students to study abroad, and seeks to promote international understanding.

Minor Requirements

- INTS 2000 - Introduction International Studies
Select five (5) courses below from a minimum of three different disciplines:
- AAST 2500 - Africana Women Across Cultures 3
- ECON 4410 - Evolution of Thought 3
- COMM 309A - International Communication: Broadcast Media 3
- COMM 309B - International Communication: Corporate Communication 3
- COMM 309C - International Communication: Print and Web Journalism 3
- COMM 309D - International Communication: Media Technologies 3
- COMM 309E - International Communication: Public Relations 3
- ECON 4610 - International Economics 3
- FIN 3510 - International Finance 3
- FREN 3220 - Phonetics and Conversation in French 3
- FREN 3320 - French and Francophone Civilization 3
- FREN 3330 - Quebec Literature and Culture 3
- FREN 3410 - Business French 3
- GEOG 1035 - World Geography 3
- GEOG 1045 - Popular World Geography 3
- GEOG 3110 - Geography of the United States and Canada 3
- GEOG 3750 - Geography of Africa 3
- GERM 3220 - Phonetics and Conversation in German 3
- GERM 3410 - Business German 3
- GERM 3520 - German Civilization, Culture and Geography II 3
- HIST 4058 - Modern Europe 1919 to Present 3
- HIST 4065 - Modern Germany 3
- HIST 3450 - Africa Since 1800 3
- HIST 4070 - Modern Latin America 3
- HIST 4081 - A History of Modern China 3
- HIST 4082 - Modern Japan 3
- HIST 4730 - US Foreign Relations Since 1890 3
- MGT 4110 - International Management 3
- MKT 3410 - International Marketing 3
- MUS 2030 - World Music 3
- PHIL 2200 - Religion and the World 3

- PHIL 380A Composite World Religions **3**
- PHIL 380B Islam as a World View **3**
- POLS 2070 - International Politics **3**
- POLS 3010 - Comparative Politics **3**
- POLS 3020 - American Foreign Policy **3**
- POLS 3070 - Theories of International Relations **3**
- POLS 3110 - British Politics and Government **3**
- POLS 3120 - European Politics **3**
- POLS 3140 - Latin American Politics **3**
- POLS 3160 - African Politics **3**
- POLS 451A - Selected Topics in Political Science **3**
- SOC 2500 - Cultural Anthropology **3**
- SOC 3050 - Race and Ethnicity in a Multicultural Society **3**
- SOC 3070 - Families Across Cultures **3**
- SOC 3800 - Women and Social Change **3**
- SOC 3750 - Population Dynamics **3**
- SPAN 3220 - Phonetics and Conversation in Spanish **3**
- SPAN 3410 - Business Spanish **3**
- SPAN 3520 - Spanish Civilization II **3**
- SPAN 3620 - Spanish American Civilization II **3**

Total Hours 3

Minor Guided Electives

Three to six (3-6) semester hours of study abroad are required for the international studies minor. These hours are applied to study taken outside the United States and must receive prior approval as a part of the minor by the coordinator of the International Studies program. Examples for Study Abroad are listed below--

- Exchange program with Mid-Sweden University (12-18) hours. Semester study courses are taught in English and Swedish.
- FREN 3040 - Study Abroad **6 to 8**
- FREN 3050 - Semester Study in France **6 to 12**
- GERM 3040 - Study Abroad in German Speaking Countries **6 to 8**
- HIST 4910 - History Abroad **3 to 6**
- POLS 3360 Study Abroad: Africa **3**
- SPAN 3040 Study Abroad Program in Spanish **3**
- SPAN 304B - Study Abroad Program in Spanish: Spain and Spanish-America **6 to 8**

Total Hours 15

Total Hours 21-24

Latin American Studies Minor

Latin American Studies is an interdisciplinary minor designed to meet the needs of students interested in Latin American history and culture. It is hosted by the department of History and Philosophy, Languages and Literature and Political Science.

Minor Required Courses

- HIST 4069 - Colonial Latin America 3
- HIST 4070 - Modern Latin America 3

Total Hours 6

Minor Guided Electives

Complete two courses from:

- POLS 3010 - Comparative Politics 3
- POLS 3140 - Latin American Politics 3
- POLS 3300 - International Political Economy 3
- POLS 451A - Selected Topics in Political Science 3

Complete two courses from:

- ART 2015 - Art History, Non-Western Survey 3
- GEOG 1035 - World Geography 3
- SPAN 304A - Study Abroad - Latin America 6 to 8
- SPAN 3400 - Special Topics: Language 3
- SPAN 3610 - Spanish American Civilization I 3
- SPAN 3620 - Spanish American Civilization II 3

Total Hours 12

Total Program Hours 18

Latin Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Minor in Latin is well-suited for students who are interested in attaining a background in the Ancient Roman civilization from multiple angles. The curriculum provides a general grounding in Latin, the language of the Roman world with options for taking courses in Classical literature, culture, and archaeology. This minor also offers students the chance to participate in the Ancient Mediterranean Club, be initiated in Eta Sigma Phi, the national Classical Studies honorary organization, and publish in Austin Peay's own Philomathes: An Online Journal for Undergraduate Research in Classics.

Minor Requirements

Complete nine hours from:

- LATN 2010 - Intermediate Latin I 3
- LATN 2020 - Intermediate Latin II 3
- LATN 2999 - Selected Readings in Latin Authors 3
- LATN 3999 - Readings in Latin Authors 3
- LATN 4900 - Independent Study in Latin 3

Total Hours 9

Minor Guided Electives

Complete nine hours from:

- CLAS 3000-4999
- GREK 1110 - Elementary Modern Greek 4
- HIST 4071 - The Early Middle Ages 3
- HIST 4051 - Ancient Greece 3
- HIST 4052 - Ancient Rome 3
- PHIL 3100 - Ancient Philosophy 3

Total Hours 9

Total Hours 18

Linguistics Minor

Linguistics is the science of language. It is important because we use language every single day. We hear sounds. We form words and sentences. We meet people who speak differently from us. We notice differences in texts that were written over 100 years ago. Remarkably, we aren't very aware of what we must know in order to carry out these tasks and to perceive these differences! Linguistics is the field of study that fills that gap: the linguistics minor at APSU explores how sounds, words, and sentences work, how they change over time, and how they are used in society. The minor can open you up to the most important world you never knew existed! Being aware of linguistics can support a diverse range of future careers from teacher and speech pathologist to editor and lawyer. Linguistic awareness can help you be a stronger writer and reader. Linguists are busy at work on the teams that help Alexa, Siri, and Google interact with us. Linguists have even been called on to help solve crimes and create the constructed languages you may know from Star Trek, Game of Thrones, and Lord of the Rings.

Minor Requirements

Complete 18 hours from:

- LING 2020 - Dialects in English 3
- LING 4010 - History of the English Language 3
- LING 4020 - History of American English 3
- LING 4030 - Introduction to Historical Linguistics 3
- LING 4040 - How Language Works 3
- LING 4041 - How Words Work 3
- LING 4042 - How Sound Works 3
- LING 4050 - English Grammar and Usage 3
- LING 4060 - Survey of Early Germanic Languages 3
- LING 4070 - Language, Culture and Identity 3
- LING 4080 - Theories in Second Language Acquisition 3
- LING 4600 - Special Topics in Linguistics
- LING 4700 - Linguist Project 1-2

Total Hours 18

Professional Writing Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

Professional Writing helps students in a variety of disciplines learn how to prepare documentation for common workplace communications; how to use technology; and how to accomplish professional tasks, such as designing training manuals; writing instructional guides; editing graphics; valuing writer-editor relationships; creating informative slide presentations; generating marketing materials; and honing proofreading skills. The Professional Writing minor also includes discussions of desktop publishing, effective interviewing techniques, drafting impressive letters of application, and sharpening resume-writing skills. Students discuss nuances of language and usage to refine the craft of constructing written and/or oral communication in a way that is easily understood by its intended audience to narrate, inform, compare, persuade, describe, or instruct.

Minor Requirements

- ENGL 1100 - Technical and Report Writing 3

Total Hours 3

Minor Guided Electives

- ENGL 3200 - Expository Writing 3
 - ENGL 3500 - Advanced Technical Writing 3
 - ENGL 3510 - Technical Report Writing 3
 - ENGL 3600 - Professional Writing and Editing 3
 - ENGL 3700 - Business Writing 3
 - ENGL 4500 - Technical Writing Theory and Research 3
 - ENGL 4610 - Professional Writing Internship 3
 - COMM 3100 - Digital Publishing 3
 - COMM 4150 - Feature Writing 3
- or
- One (1) course from another writing minor. Courses taken for this minor may not be applied to the English major

Total Hours 15

Total Hours 18

Spanish Minor

Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Spanish minor exposes students to an advanced proficiency level that will enable them to communicate (write, speak, and read) in the target language to discuss the cultural and historical heritage of the Hispanic world. Other courses in the minor provide competency in linguistics, translation, and Spanish for professionals.

Minor Requirements

- SPAN 2010 - Intermediate Spanish I 3
- SPAN 2020 - Intermediate Spanish II 3
- SPAN 3210 - Advanced Composition 3
- SPAN 3220 - Phonetics and Conversation in Spanish 3

Total Hours 12

Minor Guided Electives

Complete one course from:

- SPAN 2420 - Introduction to Spanish Translation and Interpretation 3
- SPAN 3310 - Introduction to Hispanic Linguistics 3
- SPAN 3400 - Special Topics: Language 3
- SPAN 4320 - Sociolinguistics and Dialectology of Spanish 3

Complete one course from:

- SPAN 3450 - Peninsular and Latin American Cinema 3
- SPAN 3510 - Spanish Civilization I 3
- SPAN 3520 - Spanish Civilization II 3
- SPAN 4100 - Special Topics: Literature 3
- SPAN 4510 - Survey of Spanish Peninsular Literature I 3
- SPAN 4520 - Survey of Spanish Peninsular Literature II 3

Complete one course from:

- SPAN 3610 - Spanish American Civilization I 3
- SPAN 3620 - Spanish American Civilization II 3
- SPAN 4610 - Survey of Spanish American Literature I 3
- SPAN 4620 - Survey of Spanish American Literature II 3

SPAN 3450 - Peninsular and Latin American Cinema SPAN 4100 - Special Topics: Literature

Total Hours 9

Total Hours 21

Women's and Gender Studies Minor

Dr. Beatrix Brockman

Chair, Department of Languages and Literature

Location: Harned Hall, 115

Phone: (931) 221-7891

Website: www.apsu.edu/langlit/

The Women's and Gender Studies Program offers interdisciplinary training for examining the complex questions and practices related to women and gender. Students have opportunities to engage in research, creative work and internships as well as campus and community activities. The Women's and Gender Studies minor offers a wide range of courses that focus on gender, race, class, sexual orientation, sexual identity and disabilities. Students are empowered with the knowledge, skills and resources about issues in the area of social justice locally, nationally, and internationally.

Students are strongly advised to select courses from a variety of disciplines to ensure a broad spectrum of learning and to seek advisement from the Women's and Gender Studies Coordinator.

Other courses may be approved by the coordinator.

Required Courses

- WGST 2050 - Introduction to Women's and Gender Studies (Effective Spring 2022) 3
- OR
- WGST 2060 - Introduction to LGBTQ Studies (Effective Spring 2022) 3
- DIVR 4020 - Capstone Seminar in Social Justice 3
- AAST - Any three (3) credit hours AAST course with approval of WGS Coordinator

Total Hours 9

Guided Electives

Select nine (9) credit hours below:

- AAST 2500 - Africana Women Across Cultures 3
- AAST 2800 - Introduction to Black Women Writers 3
- AAST 3400 - African Americans in Film and Society 3
- AAST 3500 - Multicultural Studies on Race and Gender 3
- BIOL 3200 - Women and Science 3
- CHEM 3040 - Scientific Perspectives on Women's Wellness 3
- CLAS 3520 - Sex and Gender in the Greco-Roman World 3
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4450 - Mass Media and Women 3
- COMM 4470 - Race, Gender, and Mass Media 3
- ENGL 340B - Native American Literature 3
- ENGL 340F - Women Writers: Topics in Women Literature 3

- ENGL 340N - LGBTQ Literature Across Cultures 3
- ENGL 340R - Century's End: Race and Gender at the Turn of the Twentieth Century 3
- ENGL 340W - Critical Studies in Women's Literature 3
- HIST 4655 - Black Women and Men at Work 3
- HIST 4670 - Women in American History 3
- HHP 3450 - Health Issues of Special Populations 3
- HHP 4080 - Human Sexuality 3
- LING 4070 - Language, Culture and Identity 3
- PM 3400 - Women and Administration 3
- POLS 4040 - Women and Politics 3
- POLS 4330 - Women and the Law 3
- POLS 4340 - Family Law 3
- PSYC 3220 - Psychology of Women 3
- SOC 3070 - Families Across Cultures 3
- SOC 3080 - Gender and Sexualities 3
- WGST 300A - Special Topics (Effective Spring 2022) 3
- WGS 3050 - Women in the Arts
- WGS 3060 - Vagina Monologues
- WGST 3070 - Women, Sexualities, and Film 3
- WGS 3080 - Women's and Gender Studies Practicum
- WGS 4030 - Independent Study

Total Hours 9

Total Hours 18

Department of Music

College of Arts and Letters

Location: Music/Mass Communication, 139

Phone: 931-221-7818; Fax 931-221-7529

Website: www.apsu.edu/music

Accreditations

Austin Peay State University is a fully accredited member of the National Association of Schools of Music.

Programs

- Bachelor of Music
- Bachelor of Arts/Bachelor of Science
- Music Minor
- Arts Entrepreneurship Minor

Concentrations

- Composition
- Guitar Performance
- Instrumental Performance
- Keyboard Performance
- Liberal Studies
- Music Education (Choral/K-12 General Music)
- Music Education (Instrumental/K-12 General Music)
- Music Therapy
- Vocal Performance

Requirements

Audition

All prospective music majors (including TN Promise students who intend music as their academic interest) must audition and be accepted by the Department of Music prior to declaring the major or academic interest. The audition consists of three components:

1. **Performance:** Usually two contrasting selections that showcase your abilities. For area specific audition requirements, visit the audition page on our website.
2. **Interview:** An informal conversation with the audition committee so we can learn more about you.

3. **Music Skills Assessment:** All incoming music majors (including TN Promise students with a music academic interest) are required to take the Music Skills Assessment (MSA). The MSA is usually taken at the time of audition. If admitted into the department, students whose scores do not meet departmental standards are required to pass MUS 1040 (Intro to Music Theory 1) and MUS 1050 (Intro to Music Theory 2) with a C or better before beginning the curricular music theory and ear training course sequence. For more information, visit the Music Skills Assessment page on our website.

Transfer Students:

Students transferring from another institution must take the Music Skills Assessment prior to the start of the first semester at Austin Peay. Placement in music theory will depend upon the results of this examination. The transfer student's placement in applied music must be approved during the jury examination at the end of the first semester at APSU.

Music Minors:

All incoming music minors are required to take the Music Skills Assessment (MSA). The MSA should be taken during summer orientation (Gov's ROW). Students whose scores do not meet departmental standards are required to pass MUS 1040 (Intro to Music Theory 1) and MUS 1050 (Intro to Music Theory 2) with a C or better before beginning the curricular music theory and ear training course sequence. Students who do not take the MSA will be automatically placed in MUS 1040. Contact the music office at music@apsu.edu for information on the Music Skills Assessment. A music minor must also pass a proficiency examination in his/her applied area.

Programs:**Bachelor of Arts**

- Music (B.A.)

Bachelor of Music

- Music (B.M.)

Bachelor of Science

- Music (B.S.)

Concentration

- Composition Concentration
- Guitar Performance Concentration
- Instrumental Performance Concentration
- Keyboard Performance Concentration
- Liberal Studies Concentration B.A.
- Liberal Studies Concentration B.S.
- Music Education (Choral/K-12 General Music) Concentrations
- Music Education (Instrumental/K-12 General Music) Concentration
- Music Therapy Concentration
- Vocal Performance Concentration

Minors (non-degree)

- Arts Entrepreneurship Minor
- Music Minor

Music (B.A.)

Location: Music/Mass Communication Bldg, Room 139

Phone: 931-221-7818

Website: www.apsu.edu/music

Accreditation

Austin Peay State University is a fully accredited member of the National Association of Schools of Music.

Requirements

Audition - All prospective music majors (including TN Promise students who intend music as their academic interest) must audition and be accepted by the Department of Music prior to declaring the major or academic interest. The audition consists of three components:

1. Performance: Usually two contrasting selections that showcase your abilities. Specific audition requirements can be found at the following URL: <https://www.apsu.edu/music/undergraduate/auditions>

2. Interview: An informal conversation with the audition committee so we can learn more about you.

3. Music Skills Assessment: All incoming music majors (including TN Promise students with a music academic interest) are required to take the Music Skills Assessment (MSA). The MSA is usually taken at the time of audition. If admitted into the department, students whose scores do not meet departmental standards are required to pass MUS 1040 (Intro to Music Theory 1) and MUS 1050 (Intro to Music Theory 2) with a C or better before beginning the curricular music theory and ear training course sequence.

Transfer Students - Students transferring from another institution must take the Music Skills Assessment in music theory prior to the start of the first semester at Austin Peay. Placement in music theory will depend upon the results of this examination. The transfer student's placement in applied music must be approved during the jury examination at the end of the first semester at APSU.

Ensembles - A student majoring in music should participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium. A student receiving a performance scholarship majoring in music must participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium.

Area	Appropriate Large Ensemble
Woodwind, Brass & Percussion	Determined by Audition • Wind Ensemble or Symphonic Band
Orchestral Strings	Orchestra
Guitar	Guitar Ensemble

Voice	Determined by Audition University Choir, Governor's Singers, or Chamber Singers
Keyboard	Liberal Studies Concentration - One semester of vocal or instrumental ensemble - Seven semesters of Piano Ensemble (currently listed as Chamber Ensemble)

Marching Band - BA students who choose to participate in marching band will enroll in 1-credit marching band, and will receive an athletic band scholarship for participation.

Recital Attendance - All music majors are required to accumulate eight semesters of MUS 1060 (Recital Attendance) with a grade of P (Passing) with the exception of music education majors who are required to obtain seven semesters due to student teaching requirements. A passing grade is earned by attending a predetermined number of recitals and programs sponsored or approved by the Department of Music.

Junior Level Exam - Music majors must pass a Junior Level Examination, ordinarily scheduled at the end of the sophomore year, before enrolling in upper division (3xxx level) Applied Instruction and ensembles. A minimum of three (3) semesters of upper division (3xxx level) instruction are required prior to the Senior Recital. Students whose background in performance is deficient may be required to take more than the usual amount of credits at the lower division level. Upper division credit in performance is granted only after the student passes the Junior Level Examination. See Student Manual for area-specific requirements.

Piano Proficiency - The piano proficiency examination is required for all music majors. Students in a music education concentration must complete the Piano Proficiency before the Clinical Teaching Semester. In all other concentrations, the piano proficiency must be completed before you will be permitted to register for your Senior Recital.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Music](#).

Program CIP Code

30.50.0901.00

Concentrations

- Liberal Studies Concentration B.A.

Liberal Studies Concentration B.A.

Program CIP Code

30.50.0901.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Concentration Requirements

Lower Division Courses

- MUS 1060 - Recital Attendance **0** (8 semesters are required)
MUS 1XXX - Appropriate Large Ensemble **4** (four semester of 1 credit major ensemble as appropriate to the applied area of study)
MUS 1XXX - Applied Music Individual Instruction **4** (four semesters of 1 credit lessons)
- MUS 1057 - Music Theory I **3**
- MUS 1058 - Ear Training I **1**
- MUS 1155 - Music Theory II **3**
- MUS 1156 - Ear Training II **1**
- MUS 2055 - Music Theory III **3**
- MUS 2056 - Ear Training III **1**
- MUS 2155 - Music Theory IV **3**
- MUS 2156 - Ear Training IV **1**
- **Complete one course from:**
 - MUS 1027 - Class Piano I **1**
 - MUS 1109 - Applied Piano 1/2 Hour **1**
 - MUS 1100 - Applied Piano LD **1 or 2**
- **Complete one course from:**
 - MUS 2030 - World Music **3**
 - MUS 1970 - Introduction to Music Literature **3**

Total Hours 28

Upper Division Courses

MUS 3XXX - Appropriate Large Ensemble **4** (four semester of 1 credit major ensemble as appropriate to the applied area of study)

MUS 3XXX - Applied Music Individual Instruction **4** (four semesters of 1 credit lessons)

- MUS 3010 - Music History 1 **3**
- MUS 3020 - Music History II **3**
- MUS 3160 - Introduction to Music Technology **3**
- MUS 3800 - Basic Conducting **2**
- MUS 4950 - Senior Recital **1**

Complete one course from:

- MUS 3505 - Instrumental Pedagogy **3**
- MUS 3860 - Guitar Pedagogy **3**
- MUS 4270 - Vocal Pedagogy **3**
- MUS 4280 - Piano Pedagogy **3**

Total Hours 23

Major Guided Electives

- Complete seven hours of MUS Coursework
- Complete six hours from Foreign Language 2010 and 2020

Total Hours 13

Electives

Total Hours 8

Total Program Hours 120

Music (B.M.)

Location: Music/Mass Communication Bldg, Room 139

Phone: 931-221-7818

Website: www.apsu.edu/music

Accreditation

Austin Peay State University is a fully accredited member of the National Association of Schools of Music.

Requirements

Audition - All prospective music majors (including TN Promise students who intend music as their academic interest) must audition and be accepted by the Department of Music prior to declaring the major or academic interest. The audition consists of three components:

1. Performance: Usually two contrasting selections that showcase your abilities. Specific audition requirements can be found at the following URL: <https://www.apsu.edu/music/undergraduate/auditions>

2. Interview: An informal conversation with the audition committee so we can learn more about you.

3. Music Skills Assessment: All incoming music majors (including TN Promise students with a music academic interest) are required to take the Music Skills Assessment (MSA). The MSA is usually taken at the time of audition. If admitted into the department, students whose scores do not meet departmental standards are required to pass MUS 1040 (Intro to Music Theory 1) and MUS 1050 (Intro to Music Theory 2) with a C or better before beginning the curricular music theory and ear training course sequence.

Transfer Students - Students transferring from another institution must take the Music Skills Assessment in music theory prior to the start of the first semester at Austin Peay. Placement in music theory will depend upon the results of this examination. The transfer student's placement in applied music must be approved during the jury examination at the end of the first semester at APSU.

Ensembles - A student majoring in music should participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium. A student receiving a performance scholarship must participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium.

Area	Appropriate Large Ensemble
Woodwind, Brass & Percussion	Determined by Audition • Wind Ensemble or Symphonic Band
Orchestral Strings	Orchestra

Guitar	Guitar Ensemble
Voice	Determined by Audition University Choir, Governor's Singers, or Chamber Singers
Keyboard	Instrumental/K-12 General Music Concentration - Two semesters of Marching Band (zero credit) - Two semesters chosen from Symphonic Band, Wind Ensemble, Jazz Combo, or Orchestra - Fivesemesters of Piano Ensemble (currently listed as Chamber Ensemble) Choral/K-12 General Music Concentration - Four semesters of appropriate choral ensembles chosen from Governor's Singers, Chamber Singers, or University Choir - Three semesters of Piano Ensemble (currently listed as Chamber Ensemble) Performance Concentration - One semester of vocal or instrumental ensemble - Seven semesters of Piano Ensemble (currently listed as Chamber Ensemble) BM Music Therapy - Seven semesters of ensembles chosen from Choir, Symphonic Band, Wind Ensemble, Jazz Combo, Orchestra, and Piano Ensemble (currently listed as Chamber Ensemble). At least one semester must be vocal ensemble.

Marching Band Requirements: Woodwind, brass, and percussion students in the Instrumental/K-12 General Music Concentration are required to participate in two fall semesters of 0-credit Marching Band (usually in the freshman and sophomore years). Additional semesters of marching band may be taken for 1 credit each, and the student will receive an athletic band scholarship for participation. Students in all other concentrations who elect to participate in marching band, including non-music majors, will enroll in 1-credit marching band, and will receive an athletic band scholarship for participation.

Recital Attendance - All music majors are required to accumulate eight semesters of MUS 1060 (Recital Attendance) with a grade of P (Passing) with the exception of music education majors who are required to obtain seven semesters due to student teaching requirements. A passing grade is earned by attending a predetermined number of recitals and programs sponsored or approved by the Department of Music.

Junior Level Exam - Music majors must pass a Junior Level Examination, ordinarily scheduled at the end of the sophomore year, before enrolling in upper division (3xxx level) Applied Instruction and ensembles. A minimum of three (3) semesters of upper division (3xxx level) instruction are required prior to the Senior Recital. Students whose background in performance is deficient may be required to take more than the usual amount of credits at the lower division level. Upper division credit in performance is granted only after the student passes the Junior Level Examination. See Student Manual for area-specific requirements.

Piano Proficiency - The piano proficiency examination is required for all music majors. Students in a music education concentration must complete the Piano Proficiency before the Clinical Teaching Semester. In all other concentrations, the piano proficiency must be completed before you will be permitted to register for your Senior Recital.

Music Education Majors - Music Education majors with instrumental specialization must pass the following proficiency examinations: Strings; Woodwinds; Brass; and Percussion.

Vocal Performance - Students enrolled in the vocal emphasis of the Music Performance concentration must complete two semesters of elementary foreign language.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Music](#).

Program CIP Code

30.50.0901.00

Concentrations

- Composition Concentration
- Guitar Performance Concentration
- Instrumental Performance Concentration
- Keyboard Performance Concentration
- Music Education (Instrumental/K-12 General Music) Concentration
- Music Education (Choral/K-12 General Music) Concentration
- Music Therapy Concentration
- Vocal Performance Concentration

Composition Concentration

All students must take MUS 1060 for eight semesters to meet program requirements.

Program CIP Code

30.50.0901.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- MUS 1060 - Recital Attendance 0
- MUS 1057 - Music Theory I 3
- MUS 1058 - Ear Training I 1
- MUS 1155 - Music Theory II 3
- MUS 1156 - Ear Training II 1
- MUS 2055 - Music Theory III 3
- MUS 2056 - Ear Training III 1
- MUS 2155 - Music Theory IV 3
- MUS 2156 - Ear Training IV 1

Total Hours 16

Upper Division Courses

- MUS 3010 - Music History 1 3
- MUS 3020 - Music History II 3
- MUS 3160 - Introduction to Music Technology 3
- MUS 3800 - Basic Conducting 2
- MUS 4110 - Music Analysis 1 3
- MUS 4120 - Music Analysis 2 3
- MUS 4950 - Senior Recital 1

Total Hours 18

Concentration Requirements

Lower Division Courses

- MUS 1XXX - Ensemble **4** (4 semesters x 1-credit hour)
- MUS 1XXX - Individual Instruction **4** (primary performance medium/4 semesters x 1-credit hour)
- MUS 1100 - Applied Piano LD **1 or 2** (4 semesters x 1 credit hour)
- MUS 1550 - Applied Composition LD **2** (three semesters)
- MUS 2030 - World Music **3**

Total Hours 21

Upper Division Courses

- MUS 3XXX - Ensemble **4** (4 semesters x 1-credit hour)
- MUS 3XXX - Individual Instruction **4** (primary performance medium/4 semesters x 1-credit hour)
- MUS 3550 - Applied Composition UD **2** (4 semesters x 2 credit hours)
- MUS 4350 - Music after 1900 **3**
- MUS 4810 - Orchestration **2**
Select one (1) course from the list below
- MUS 4330 - Music Before 1750 **3**
- MUS 4340 - Music from 1750 to 1900 **3**
- MUS 4460 - Music of Many Cultures **3**
Select one (1) course from the list below
- MUS 3810 - Choral Conducting **2**
- MUS 3820 - Instrumental Conducting **2**

Total Hours 26

Total Program Hours 123

Guitar Performance Concentration

Program CIP Code

30.20.0901.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- MUS 1970 - Introduction to Music Literature 3
This course will substitute for a Humanities course for Music Performance Majors.

Major Core Requirements

Lower Division Courses

- MUS 1060 - Recital Attendance 0 (pass or fail) - 8 semesters required
- MUS 1057 - Music Theory I 3
- MUS 1058 - Ear Training I 1
- MUS 1155 - Music Theory II 3
- MUS 1156 - Ear Training II 1
- MUS 2055 - Music Theory III 3
- MUS 2056 - Ear Training III 1
- MUS 2155 - Music Theory IV 3
- MUS 2156 - Ear Training IV 1

Total Hours 16

Upper Division Courses

- MUS 3010 - Music History 1 3
- MUS 3020 - Music History II 3
- MUS 3160 - Introduction to Music Technology 3
- MUS 3800 - Basic Conducting 2
- MUS 4110 - Music Analysis 1 3
- MUS 4120 - Music Analysis 2 3
- MUS 4950 - Senior Recital 1

Total Hours 18

Concentration Requirements

Lower Division Courses

- MUS 1XXX - Applied Music-Individual Instruction **8** (four semesters of 2-credit lessons)
- MUS 1XXX - Ensemble **4** (four semesters of 1-credit ensemble offerings)
- MUS 1500 - University Choir **1** (2 semesters x 1 credit hour)
Select one (1) of the piano courses from the list below (additional instruction may be needed in order to satisfy piano proficiency requirement)
- MUS 1027 - Class Piano I **1**
- MUS 1100 - Applied Piano LD **1 or 2**
- MUS 1109 - Applied Piano 1/2 Hour **1**

Total Hours 15

Upper Division Courses

- MUS 3XXX - Applied Music - Individual Instruction **8** (four semesters of 2-credit lessons)
- MUS 3XXX - Ensemble **4** (four semesters of 1-credit ensemble offerings)
- MUS 3101 - Guitar Styles I **3**
- MUS 3102 - Guitar Styles II **3**
- MUS 3860 - Guitar Pedagogy **3**
- MUS 3950 - Junior Recital **1**
- MUS 4950 - Senior Recital **1**
- MUS 4320 - Guitar Literature **3**
Select one (1) course from the list below
- MUS 3550 - Applied Composition UD **2**
- MUS 4900 - Directed Study **3**

Total Hours 28-29

Free Electives

Total Hours 1

Total Program Hours 120

Instrumental Performance Concentration

Program CIP Code

30.50.0901.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- MUS 1970 - Introduction to Music Literature 3
This course will substitute for a Humanities course for Music Performance Majors

Major Core Requirements

Lower Division Courses

- MUS 1060 - Recital Attendance 0
- MUS 1057 - Music Theory I 3
- MUS 1058 - Ear Training I 1
- MUS 1155 - Music Theory II 3
- MUS 1156 - Ear Training II 1
- MUS 2055 - Music Theory III 3
- MUS 2056 - Ear Training III 1
- MUS 2155 - Music Theory IV 3
- MUS 2156 - Ear Training IV 1

Total Hours 16

Upper Division Courses

- MUS 3010 - Music History 1 3
- MUS 3020 - Music History II 3
- MUS 3160 - Introduction to Music Technology 3
- MUS 3800 - Basic Conducting 2
- MUS 4110 - Music Analysis 1 3
- MUS 4120 - Music Analysis 2 3
- MUS 4950 - Senior Recital 1

Total Hours 18

Concentration Requirements

Lower Division Courses

- MUS 1XXX - Applied Music/Individual Instruction **8** (four semesters of 2-credit lessons)
- MUS 1XXX - Ensemble **8** (four semesters of large ensemble/ four semesters of chamber ensembles)
Select one (1) of the piano courses from the list below (additional piano instruction may be needed in order to satisfy the proficiency requirement)
- MUS 1027 - Class Piano I **1**
- MUS 1100 - Applied Piano LD **1 or 2**
- MUS 1109 - Applied Piano 1/2 Hour **1**

Total Hours 17

Upper Division Courses

- MUS 3XXX - Applied Music/Individual Instruction **8** (four semesters of 2-credit lessons)
- MUS 3XXX - Ensemble **8** (four semesters of large ensemble/four semesters of chamber ensemble)
- MUS 3505 - Instrumental Pedagogy **3**
- MUS 3820 - Instrumental Conducting **2**
- MUS 4950 - Senior Recital **1**
- MUS 3950 - Junior Recital **1**
Select one (1) literature course (as appropriate to the applied areas) from the courses listed below
- MUS 4320 - Guitar Literature **3**
- MUS 4420 - Symphonic Literature **3**
- MUS 4430 - Chamber Music Literature **3**
- MUS 4450 - Opera Literature **3**

Total Hours 26

Free Electives

Total Hours 1

Total Program Hours 120

Keyboard Performance Concentration

Program CIP Code

30.50.0901.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- MUS 1970 - Introduction to Music Literature 3
This course will substitute for a Humanities course for Music Performance Majors.

Major Core Requirements

Lower Division Courses

- MUS 1060 - Recital Attendance 0
- MUS 1057 - Music Theory I 3
- MUS 1058 - Ear Training I 1
- MUS 1155 - Music Theory II 3
- MUS 1156 - Ear Training II 1
- MUS 2055 - Music Theory III 3
- MUS 2056 - Ear Training III 1
- MUS 2155 - Music Theory IV 3
- MUS 2156 - Ear Training IV 1

Total Hours 16

Upper Division Courses

- MUS 3010 - Music History 1 3
- MUS 3020 - Music History II 3
- MUS 3160 - Introduction to Music Technology 3
- MUS 3800 - Basic Conducting 2
- MUS 4110 - Music Analysis 1 3
- MUS 4120 - Music Analysis 2 3
- MUS 4950 - Senior Recital 1

Total Hours 18

Concentration Requirements

Lower Division Courses

- MUS 1XXX - Applied Music/Individual Instruction in Piano or Organ **8** (4 semester of 2-credit lessons)
- MUS 1XXX - Ensemble (appropriate) **4** (4 semesters of 1-credit major ensemble)
- MUS 1700 - Collaborative Piano LD **1** (Must be taken for 3 semesters, making a total of 3 lower division credits in collaborative piano) **3**

Total Hours 15

Upper Division Courses

- MUS 3XXX - Applied Music/Individual Instruction in Piano or Organ **8** (4 semesters of 2-credit lessons)
- MUS 3XXX - Ensemble (appropriate) **3** (3 semesters of 1-credit major ensemble)
- MUS 3700 - Collaborative Piano UD **1** (Must be taken for 3 semesters, making a total of 3 upper division credits in collaborative piano) **3**
- MUS 3950 - Junior Recital **1**
- MUS 4280 - Piano Pedagogy **3**
- MUS 4310 - Survey of Piano Literature **3**
- MUS 4340 - Music from 1750 to 1900 **3**
- MUS 4430 - Chamber Music Literature **3**
- MUS 4950 - Senior Recital **1**
- **Complete one course from:**
- MUS 4330 - Music Before 1750 **3**
- MUS 4350 - Music after 1900 **3**
- MUS 4460 - Music of Many Cultures **3**

Total Hours 31

Total Program Hours 122

Music Education (Choral/K-12 General Music) Concentration

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: Secondary Education.

Program CIP Code

30.50.0901.00

General Education Core

	Credit Hours
see Common Core	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- MUS 2030 - World Music 3

Major Core Requirements

Lower Division Courses

- MUS 1060 - Recital Attendance 0
- MUS 1057 - Music Theory I 3
- MUS 1058 - Ear Training I 1
- MUS 1155 - Music Theory II 3
- MUS 1156 - Ear Training II 1
- MUS 2055 - Music Theory III 3
- MUS 2056 - Ear Training III 1
- MUS 2155 - Music Theory IV 3
- MUS 2156 - Ear Training IV 1
- **Select one (1) course from the list below**
- MUS 1027 - Class Piano I 1
- MUS 1100 - Applied Piano LD 1 or 2
- MUS 1109 - Applied Piano 1/2 Hour 1
- MUS 1127 - Class Piano II 1

Total Hours 17

Upper Division Courses

- MUS 3010 - Music History 1 3
- MUS 3020 - Music History II 3
- MUS 3160 - Introduction to Music Technology 3
- MUS 3800 - Basic Conducting 2
- MUS 4950 - Senior Recital 1

Total Hours 12

Concentration Requirements

Lower Division Courses

- MUS 1XXX - Applied Music/Individual Instruction 4 (four semesters of one credit lessons)
- MUS 1XXX - Ensemble 4 (four semesters of one credit major ensemble as appropriate to applied area of study)
- MUS 2240 - Introduction to Music Education 2

Total Hours 10

Upper Division Courses

- MUS 3XXX - Applied Music/Individual Instruction 3 (three semesters of one credit lessons)
- MUS 3XXX- Ensemble 3 (three semesters of one credit major ensemble as appropriate to applied area of study)
- MUS 3070 - Instructional Strategies for the Music Classroom 3
- MUS 3255 - Elementary Music Methods 3
- MUS 3810 - Choral Conducting 2
- MUS 4380 - Choral Methods 3
- MUS 4500 - Music Curriculum and Assessment 3
- MUS 4525 - Latin/English Diction for Singers 1
- MUS 4950 - Senior Recital 1
- MUS 4780 - Instrumental Methods for Vocalists 1
- **Select one (1) course from the list below**
- MUS 4310 - Survey of Piano Literature 3
- MUS 4390 - Choral Literature 3
- **Select one (1) course from the list below**
- MUS 1489 - Applied Guitar 1/2 Hour 1
- MUS 3725 - Vocal Ease 1
- MUS 3940 - Opera Workshop 1
- MUS 4251 - Alexander Technique 1
- MUS 4522 - Italian Diction for Singers 1
- MUS 4523 - German Diction for Singers 1
- MUS 4524 - French Diction for Singers 1
- **Select one (1) course from the list below:**
- MUS 4270 - Vocal Pedagogy 3
- MUS 4280 - Piano Pedagogy 3

Total Hours 30

Additional Courses for Licensure

- EDUC 3001 - Educational Psychology - Secondary Education 3
- EDUC 4081 - Classroom Organization and Management - Secondary 3
- SPED 2300 - Introduction to Special Education 3

Total Hours 9

Clinical Teaching Requirements

- EDUC 4410 - Undergraduate Student Teaching Grades K-3 5
or
EDUC 4510 - Undergraduate Student Teaching Grades 4-5 5
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
or
EDUC 4710 - Undergraduate Student Teaching Grades 9-12 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2
Note: Successful completion of Transition I, II, III and edTPA are required for teacher licensure programs. Transition assessment criteria is available at www.apsu.edu/edu.

Total Hours 12

Total Program Hours 132

Music Education (Instrumental/K-12 General Music) Concentration

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: Secondary Education.

Program CIP Code

30.50.0901.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- MUS 2030 - World Music 3

Major Core Requirements

Lower Division Courses

- MUS 1060 - Recital Attendance 0
- MUS 1057 - Music Theory I 3
- MUS 1058 - Ear Training I 1
- MUS 1155 - Music Theory II 3
- MUS 1156 - Ear Training II 1
- MUS 2055 - Music Theory III 3
- MUS 2056 - Ear Training III 1
- MUS 2155 - Music Theory IV 3
- MUS 2156 - Ear Training IV 1
- **Select one (1) course from the list below**
- MUS 1027 - Class Piano I 1
- MUS 1100 - Applied Piano LD 1 or 2
- MUS 1109 - Applied Piano 1/2 Hour 1
- MUS 1127 - Class Piano II 1

Total Hours 17

Upper Division Courses

- MUS 3010 - Music History 1 3
- MUS 3020 - Music History II 3
- MUS 3160 - Introduction to Music Technology 3
- MUS 3800 - Basic Conducting 2
- MUS 4950 - Senior Recital 1

Total Hours 12

Concentration Requirements

Lower Division Courses

- MUS 1XXX - Applied Music/Individual Instruction 4 (four semesters of one credit)
- MUS 1XXX - Ensemble 4 (four semesters of one credit major ensemble as appropriate to applied area of study)
- MUS 1630 - Marching Band 0 (2 semesters)
- MUS 2240 - Introduction to Music Education 2
- **Select one (1) of the voice-related courses listed below**
- MUS 1250 - Class Voice 1
- MUS 1500 - University Choir 1
- MUS 1515 - Governor's Singers 1
- MUS 1910 - Chamber Singers 1

Total Hours 11

Upper Division Courses

- MUS 3XXX - Applied Music/Individual Instruction 3 (three semesters of one credit lessons)
- MUS 3XXX - Ensemble 3 (three semesters of one credit major ensemble as appropriate to applied area of study)
- MUS 3070 - Instructional Strategies for the Music Classroom 3
- MUS 3255 - Elementary Music Methods 3
- MUS 3820 - Instrumental Conducting 2
- MUS 3890 - Brass Group Instruction 1
- MUS 3900 - Percussion Group Instruction 1
- MUS 4260 - Secondary Instrumental Methods 3
- MUS 4500 - Music Curriculum and Assessment 3
- MUS 4790 - Flute and Double Reed Group Instruction 1
- MUS 4800 - Clarinet/Saxophone Group Instruction 1
- MUS 4950 - Senior Recital 1
- MUS 4890 - String Group Instruction 1
- **Select one course from:**
- MUS 3860 - Guitar Pedagogy 3
- MUS 4240 - Marching Band Techniques 3
- MUS 4420 - Symphonic Literature 3

Total Hours 29

Additional Courses for Licensure

- EDUC 3001 - Educational Psychology - Secondary Education **3**
- EDUC 4081 - Classroom Organization and Management - Secondary **3**
- SPED 2300 - Introduction to Special Education **3**

Total Hours **9**

Clinical Teaching Requirements

- EDUC 4410 - Undergraduate Student Teaching Grades K-3 **5**
or
EDUC 4510 - Undergraduate Student Teaching Grades 4-5 **5**
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 **5**
or
EDUC 4710 - Undergraduate Student Teaching Grades 9-12 **5**
- EDUC 4950 - Undergraduate Student Teaching Seminar **2**
Note: Successful completion of Transition I, II, III and edTPA are required for teacher licensure programs. Transition assessment criteria is available at www.apsu.edu/edu.

Total Hours **12**

Total Program Hours **132**

Music Therapy Concentration

To be admitted into the music department, all students must pass a music performance audition in a primary performance area. Per accreditation standards of the American Music Therapy Association (AMTA), students in this concentration must earn a grade of 'C' or higher in all MUS courses.

Program CIP Code

30.50.0901.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- BIOL 1010 - Introduction to Biology 3
- BIOL 1011 - Introduction to Biology Lab 1
- BIOL 1040 - Human Biology 3
- BIOL 1041 - Human Biology Lab 1
- DANC 1035 - Fundamentals of Dance 3 (*This is not a core course but per arrangement with the Department of Theatre and Dance, DANC 1035 will be substituted into the core in place of DANC 1200.)
- MATH 1530 - Elements of Statistics 3
- MUS 2030 - World Music 3
- PSYC 1030 - Introduction to Psychology 3
- SOC 1010 - Introduction to Sociology 3

Major Core Requirements

Lower Division Courses

- MUS 1060 - Recital Attendance 0 (8 semesters of zero credit)
- MUS 1XXX Applied Lessons (LD) (1 Credit x 4 semesters)
- MUS 1XXX Appropriate level 1 large ensemble suitable to the performance medium (1 credit x 4semesters)
- MUS 1057 - Music Theory I 3
- MUS 1058 - Ear Training I 1
- MUS 1155 - Music Theory II 3
- MUS 1156 - Ear Training II 1

- MUS 2055 - Music Theory III 3
- MUS 2056 - Ear Training III 1
- MUS 2155 - Music Theory IV 3
- MUS 2156 - Ear Training IV 1

Total Hours 24

Upper Division Courses

- MUS 3XXX Applied Lessons UD (1 credit x 3 semesters)
- MUS 3XXX Appropriate level 3 large ensemble suitable to the performance medium (1 credit x 3 semesters)
- MUS 3010 - Music History I 3
- MUS 3020 - Music History II 3
- MUS 3160 - Introduction to Music Technology 3
- MUS 3800 - Basic Conducting 2

Total Hours 17

Concentration Requirements

Lower Division Courses

- MUS 1027 - Class Piano I 1
- MUS 1127 - Class Piano II 1
- MUS 1210 - Class Guitar I 1
- MUS 1220 - Class Guitar II 1
- MUS 1250 - Class Voice 1
- MUS 1260 - Functional Percussion 1
- MUS 2175 - Clinical Techniques 3
- MUS 2260 - Introduction to Music Therapy 3
- MUS 2270 - Music Therapy Methods 1 2
- MUS 2275 - Music Therapy Practicum 1 1

Total Hours 15

Upper Division Courses

- MUS 3175 - Music Therapy Clinical Processes 3
- MUS 3270 - Music Therapy Methods 2 2
- MUS 3275 - Music Therapy Practicum 2 1
- MUS 3285 - Music Therapy Practicum 3 1
- MUS 4200 - Music Therapy Research Methods 3
- MUS 4210 - Music Therapy Practicum 4 1
- MUS 4250 - Psychology of Music 3
- MUS 4960 - Music Therapy Internship 2

- PSYC 4360 - Introduction to Psychopathology 3

Total Hours 19

Concentration Guided Electives

Complete six (6) hours from:

- MUS 2140 - Introduction to Jazz Harmony 2
- MUS 2141 - Jazz Harmony Performance 1
- MUS 2200 - Popular World Music 3
- PSYC 3100 - Developmental Psychology 3
- PSYC 3130 - Introduction to Educational Psychology 3
- PSYC 3340 - Health Psychology 3
- PSYC 4020 - Introduction to Forensic Psychology 3
- PSYC 4370 - Introduction to Clinical and Counseling Psychology 3
- PSYC 4380 - Introduction to Military Psychology 3
- PSYC 4444 - Cross Cultural Psychology 3

Total Hours 5

Total Program Hours 123

Vocal Performance Concentration

Program CIP Code

30.50.0901.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- MUS 1970 - Introduction to Music Literature 3
This course will substitute for a Humanities course for Music Performance Majors.

Major Core Requirements

Lower Division Courses

- MUS 1060 - Recital Attendance 0
- MUS 1057 - Music Theory I 3
- MUS 1058 - Ear Training I 1
- MUS 1155 - Music Theory II 3
- MUS 1156 - Ear Training II 1
- MUS 2055 - Music Theory III 3
- MUS 2056 - Ear Training III 1
- MUS 2155 - Music Theory IV 3
- MUS 2156 - Ear Training IV 1

Total Hours 16

Upper Division Courses

- MUS 3010 - Music History 1 3
- MUS 3020 - Music History II 3
- MUS 3160 - Introduction to Music Technology 3
- MUS 3800 - Basic Conducting 2
- MUS 4110 - Music Analysis 1 3
- MUS 4120 - Music Analysis 2 3
- MUS 4950 - Senior Recital 1

Total Hours 18

Concentration Requirements

Lower Division Courses

- Elementary Foreign Language **6** (2 languages, 3 credits each)
- MUS 1XXX - Ensemble (appropriate) **4** (4 semesters of 1-credit)
- MUS 1200 - Applied Voice LD **2** (4 semesters of 2-credit lessons)
- MUS 1940 - Opera Workshop **1**
Select one (1) of the following piano courses from the list below (additional piano instruction may be needed in order to satisfy piano proficiency requirement)
- MUS 1027 - Class Piano I **1**
- MUS 1100 - Applied Piano LD **1 or 2**
- MUS 1109 - Applied Piano 1/2 Hour **1**

Total Hours 19-20

Upper Division Courses

- MUS 3XXX - Ensemble (appropriate) **4** (4 semesters of 1-credit major ensemble)
- MUS 3200 - Applied Voice UD **1 or 2** (4 semesters of 2-credit lessons)
- MUS 3940 - Opera Workshop **1**
- MUS 3950 - Junior Recital **1**
- MUS 4270 - Vocal Pedagogy **3**
- MUS 4522 - Italian Diction for Singers **1**
- MUS 4523 - German Diction for Singers **1**
- MUS 4524 - French Diction for Singers **1**
Select one (1) course from the list below
- MUS 4370 - Art Song Literature **3**
- MUS 4450 - Opera Literature **3**

Total Hours 23

Concentration Guided Electives

- Music Elective **1 - 2**

Total Hours 1 - 2

Total Program Hours 122

Music (B.S.)

Location: Music/Mass Communication Bldg, Room 139

Phone: 931-221-7818

Website: www.apsu.edu/music

Accreditation

Austin Peay State University is a fully accredited member of the National Association of Schools of Music.

Requirements

Audition - All prospective music majors (including TN Promise students who intend music as their academic interest) must audition and be accepted by the Department of Music prior to declaring the major or academic interest. The audition consists of three components:

1. Performance: Usually two contrasting selections that showcase your abilities. Specific audition requirements can be found at the following URL: <https://www.apsu.edu/music/undergraduate/auditions>

2. Interview: An informal conversation with the audition committee so we can learn more about you.

3. Music Skills Assessment: All incoming music majors (including TN Promise students with a music academic interest) are required to take the Music Skills Assessment (MSA). The MSA is usually taken at the time of audition. If admitted into the department, students whose scores do not meet departmental standards are required to pass MUS 1040 (Intro to Music Theory 1) and MUS 1050 (Intro to Music Theory 2) with a C or better before beginning the curricular music theory and ear training course sequence.

Transfer Students - Students transferring from another institution must take the Music Skills Assessment in music theory prior to the start of the first semester at Austin Peay. Placement in music theory will depend upon the results of this examination. The transfer student's placement in applied music must be approved during the jury examination at the end of the first semester at APSU.

Ensembles - A student majoring in music should participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium. A student receiving a performance scholarship majoring in music must participate satisfactorily every semester in residence in the performing organization deemed appropriate to his or her major performing medium.

Area	Appropriate Large Ensemble
Woodwind, Brass & Percussion	Determined by Audition • Wind Ensemble or Symphonic Band
Orchestral Strings	Orchestra
Guitar	Guitar Ensemble

Voice	Determined by Audition University Choir, Governor's Singers, or Chamber Singers
Keyboard	Liberal Studies Concentration - One semester of vocal or instrumental ensemble - Seven semesters of Piano Ensemble (currently listed as Chamber Ensemble)

Marching Band - BS students who choose to participate in marching band will enroll in 1-credit marching band, and will receive an athletic band scholarship for participation.

Recital Attendance - All music majors are required to accumulate eight semesters of MUS 1060 (Recital Attendance) with a grade of P (Passing) with the exception of music education majors who are required to obtain seven semesters due to student teaching requirements. A passing grade is earned by attending a predetermined number of recitals and programs sponsored or approved by the Department of Music.

Junior Level Exam - Music majors must pass a Junior Level Examination, ordinarily scheduled at the end of the sophomore year, before enrolling in upper division (3xxx level) Applied Instruction and ensembles. A minimum of three (3) semesters of upper division (3xxx level) instruction are required prior to the Senior Recital. Students whose background in performance is deficient may be required to take more than the usual amount of credits at the lower division level. Upper division credit in performance is granted only after the student passes the Junior Level Examination. See Student Manual for area-specific requirements.

Piano Proficiency - The piano proficiency examination is required for all music majors. Students in a music education concentration must complete the Piano Proficiency before the Clinical Teaching Semester. In all other concentrations, the piano proficiency must be completed before you will be permitted to register for your Senior Recital.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Music](#).

Program CIP Code

30.50.0901.00

Concentrations

- Liberal Studies Concentration B.S.

Liberal Studies Concentration B.S.

Program CIP Code

30.50.0901.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

- MUS 1060 - Recital Attendance **0** (8 semesters are required)
MUS 1XXX - Appropriate Large Ensemble **4** (four semester of 1 credit major ensemble as appropriate to the applied area of study)
MUS 1XXX - Applied Music Individual Instruction **4** (four semesters of 1 credit lessons)
- MUS 1057 - Music Theory I **3**
- MUS 1058 - Ear Training I **1**
- MUS 1155 - Music Theory II **3**
- MUS 1156 - Ear Training II **1**
- MUS 2055 - Music Theory III **3**
- MUS 2056 - Ear Training III **1**
- MUS 2155 - Music Theory IV **3**
- MUS 2156 - Ear Training IV **1**
- **Complete one course from:**
 - MUS 1027 - Class Piano I **1**
 - MUS 1109 - Applied Piano 1/2 Hour **1**
 - MUS 1100 - Applied Piano LD **1 or 2**
- **Complete one course from:**
 - MUS 2030 - World Music **3**
 - MUS 1970 - Introduction to Music Literature **3**

Total Hours 28

Upper Division Courses

MUS 3XXX - Appropriate Large Ensemble **4** (four semester of 1 credit major ensemble as appropriate to the applied area of study)

MUS 3XXX - Applied Music Individual Instruction 4 (four semesters of 1 credit lessons)

- MUS 3010 - Music History 1 3
- MUS 3020 - Music History II 3
- MUS 3160 - Introduction to Music Technology 3
- MUS 3800 - Basic Conducting 2
- MUS 4950 - Senior Recital 1

Complete one course from:

- MUS 3505 - Instrumental Pedagogy 3
- MUS 3860 - Guitar Pedagogy 3
- MUS 4270 - Vocal Pedagogy 3
- MUS 4280 - Piano Pedagogy 3

Total Hours 23

Major Guided Electives

Total Hours 7

Electives

Total Hours 20

Total Program Hours 120

Arts Entrepreneurship Minor

The Arts Entrepreneurship Minor welcomes creators in all disciplines to prepare for the broadest career possibilities available. With classes designed to teach students how to create, fund, and operate artistic enterprises in both non-profit and for-profit environments, the minor offers an array of electives to allow students to tailor the program to their own goals. This flexibility makes the minor a good choice for any student, regardless of major, interested in a career in the arts.

Minor Requirements

- CECA 3010 - Artists in the Community 3
- CECA 3050 - Funding Artistic Endeavors 3

Total Hours 6

Minor Guided Electives

Complete 4 courses (12 hours) from at least 3 of the 6 areas outlined below. Two courses (6 hours) must be 3000-4999 level.

Internships

- ART 440I - Art Internship 3
- MUS 440I - Music Internship 3
- ENGL 4620 - Literary Journal Internship 3

ART

- ART 4130 - Design Center 3
- CECA
- CECA 3000 - Introduction to Interdisciplinary Arts
 - CECA 4000 - Seminar in Interdisciplinary Arts

Communications

- COMM 1400 - Introduction to Public Relations 3
- COMM 2010 - Introduction to Corporate Communication 3
- COMM 2930 - Media Imaging 3
- COMM 3320 - Business and Professional Communication 3
- COMM 3800 - Principles of Media Advertising 3

Writing

- COMM 4150 - Feature Writing 3
- ENGL 1100 - Technical and Report Writing 3
- ENGL 3600 - Professional Writing and Editing 3
- ENGL 3700 - Business Writing 3
- ENGL 4300 - Publishing and the Creative Marketplace 3

Business/Marketing

- MT 2010 - Accounting Survey 3
- ACCT 2010 - Principles of Accounting I 3

Management

- MT 2050 - Principles of Management 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MGT 3610 - Entrepreneurship 3
- MGT 3630 - Creativity and Ideation 3

- MGT 3640 - Business Modeling 3
- MGT 4640 - Venturing 3
- MT 2150 - Personal Financial Management 3
- MT 2250 - Introduction to Business Law 3
- MT 2270 - Business Ethics 3
- MT 2370 - Human Relations in Business 3
- MT 2550 - Small Business Operation 3
- MKT 2010 - Principles of Marketing 3
- MKT 3110 - Salesmanship 3

Total Hours 12

Total Hours 18

Music Minor

The Music Minor allows students to hone their musical abilities and perform in ensembles with other music majors and minors. Students receive private instruction on their instrument or voice, learn the theoretical language of music to enable greater literacy and understanding, and explore other musical academic studies across a diverse range of courses. Ideal for anyone who wants to continue to play or sing while earning a degree in another field, the Music Minor pairs well with most other degree plans.

Minor Requirements

- MUS 1057 - Music Theory I 3
- MUS 1058 - Ear Training I 1
- MUS 1155 - Music Theory II 3
- MUS 1156 - Ear Training II 1
- MUS 1XXX - Appropriate Large Ensemble (4 semesters in a single discipline)
- MUS 1XXX - Applied Music (Individual Instruction - 4 semesters in a single discipline)

Total Hours 16

Minor Guided Electives

Complete six hours from:

- MUS 3010 - Music History 1 3
- MUS 3020 - Music History II 3
- MUS 3160 - Introduction to Music Technology 3
- MUS 3265 - Functional Techniques for Classroom Instruments 3
- MUS 4250 - Psychology of Music 3
- MUS 4251 - Alexander Technique 1
- MUS 4310 - Survey of Piano Literature 3
- MUS 4385 - African American Contributions to Art Music 3
- MUS 4390 - Choral Literature 3
- MUS 440I - Music Internship 3
- MUS 4522 - Italian Diction for Singers 1
- MUS 4523 - German Diction for Singers 1
- MUS 4524 - French Diction for Singers 1
- MUS 4525 - Latin/English Diction for Singers 1
- MUS 4900 - Directed Study 3

Total Hours 6

Total Program Hours 22

Department of Theatre and Dance

College of Arts and Letters

Location: Trahern Building, room 224

Phone: 931-221-6767

Email: www.apsu.edu/theatre-dance

Programs:

Bachelor of Arts

- Theatre Arts (B.A.)

Bachelor of Science

- Theatre Arts (B.S.)

Concentration

- Acting Concentration B.F.A.
- Dance Concentration B.A.
- Dance Concentration B.F.A.
- Design Concentration B.F.A.
- Musical Theatre Concentration B.F.A.
- Stage Management Concentration B.F.A.
- Theatre Concentration B.A.

Minors (non-degree)

- African American Studies
- Dance Minor
- Theatre Minor

Theatre Arts (B.A.)

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

Description of Major

The B.A. in Theatre Arts is a Liberal Arts Degree. Each concentration in the B.A. Theatre Arts degree program will consist of 36 hours in the major and is designed to be accompanied by a second major or minor. Admission to this program will be open to all. In addition to this degree, the Department of Theatre and Dance also offers a Theatre Minor and Dance Minor.

Admission Criteria:

Scholarships are only awarded to students who have been officially admitted by the university. BA students seeking departmental scholarships must audition. At the time of audition, students must submit the following: Resume, Head shot and Two letters of recommendation. More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook: www.apsu.edu/theatre-dance.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: Theatre and Dance.

Program CIP Code

30.50.0501.00

Concentrations

- Dance Concentration B.A.
- Theatre Concentration B.A.

Dance Concentration B.A.

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The B.A. in Theatre Arts is a Liberal Arts Degree. Each concentration in the B.A. Theatre Arts degree program will consist of 36 hours in the major and is designed to be accompanied by a second major or minor. Admission to this program is open to all. Most Theatre and Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance. In addition to this degree, the Department of Theatre and Dance also offers a B.F.A. in Theatre Arts with concentrations in Acting, Dance, Design, Musical Theatre, and Stage Management, a Theatre Minor, and a Dance Minor. Admission Criteria Admission to this program is open to all. BA students seeking departmental scholarships must audition. At the time of audition, Theatre Arts students must submit the following: Resume, Head Shot, and two Letters of Recommendation. Scholarships are only awarded to students who have been officially admitted by the university. More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook: www.apsu.edu/theatre-dance.

Program CIP Code

30.50.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Major Core Requirements

Lower Division Courses

- THEA 1300 - Acting I 3
- THEA 1600 - Stagecraft 3
- THDA 2800 - Theatre Production I 1

Total Hours 7

Upper Division Courses

- THDA 3800 - Theatre Production II 1
- THDA 3995 - Senior Capstone Prep 1
- THDA 4995 - Senior Capstone 3

Total Hours 5

Concentrations

Dance Concentration

Lower Division Courses

Complete four (4) credit hours from:

- DANC 1350 - Ballet - Foundations 2
- DANC 1450 - Modern Dance - Foundations 2
- DANC 1500 - Jazz Dance - Foundations 2
- DANC 1700 - Hip Hop Dance - Foundations 2
- DANC 1900 - Tap Dance - Foundations 2

Total Hours 4

Upper Division Courses

- DANC 3040 - Dance History I 3
 - DANC 4040 - Dance History II 3
 - DANC 4200 - Dance Kinesiology 3
- Complete four (4) credit hours from:
- DANC 3350 - Ballet - Intermediate/Advanced 2
 - DANC 3450 - Modern Dance - Intermediate/Advanced 2
 - DANC 3500 - Jazz Dance - Intermediate/Advanced 2
 - DANC 3700 - Hip Hop Dance - Intermediate/Advanced 2
 - DANC 3900 - Tap Dance - Intermediate/Advanced 2

Total Hours 13

Concentration Guided Electives

Complete seven (7) credit hours from:

- DANC 1350 - Ballet - Foundations 2
- DANC 1450 - Modern Dance - Foundations 2
- DANC 1500 - Jazz Dance - Foundations 2
- DANC 1700 - Hip Hop Dance - Foundations 2
- DANC 1900 - Tap Dance - Foundations 2
- DANC 3250 - Dance for Musical Theatre 2

- DANC 3350 - Ballet - Intermediate/Advanced 2
- DANC 3400 - Dance Improvisation 3
- DANC 3450 - Modern Dance - Intermediate/Advanced 2
- DANC 3500 - Jazz Dance - Intermediate/Advanced 2
- DANC 3600 - Special Topics in Dance 3
- DANC 3700 - Hip Hop Dance - Intermediate/Advanced 2
- DANC 3800 - Dance Composition I 3
- DANC 3900 - Tap Dance - Intermediate/Advanced 2
- DANC 4300 - Somatic Movement Practices 3
- DANC 4350 - Ballet - Pre-Professional 2
- DANC 4400 - Dance Composition II 3
- DANC 4450 - Modern Dance - Pre-Professional 2
- DANC 4550 - Jazz Dance - Pre-Professional 2
- DANC 4650 - Independent Research 1 to 3
- DANC 4710 - Hip Hop Dance - Pre-Professional 2
- DANC 4750 - Directed Studies in Dance 1 to 3
- DANC 4755 - Dance and Technology 3
- DANC 4900 - Tap Dance - Pre-Professional 2
- MUS 4251 - Alexander Technique 1
- THDA 2500 - Yoga for Performers 2
- THDA 2880 - Performance Practicum I 1
- THDA 3880 - Performance Practicum II 1
- THDA 440I - Internship in Theatre or Dance 1 to 12
- THDA 4520 - Careers 3
- THEA 3000 - Makeup Design I 3
- THEA 3341 - Private Half-hour Voice Elective 1
- THEA 3850 - Costume Construction 3
- THEA 4660 - Voice-Over Performance 3

Total Hours 7

Free Electives

Total Hours 36

Total Program Hours 120

Theatre Concentration B.A.

Location: Trahern Bldg., Room 208
Phone: 931-221-6767
Website: www.apsu.edu/theatre-dance

The B.A. in Theatre Arts is a Liberal Arts Degree. Each concentration in the B.A. Theatre Arts degree program will consist of 36 hours in the major and is designed to be accompanied by a second major or minor. Admission to this program is open to all. Most Theatre and Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance. In addition to this degree, the Department of Theatre and Dance also offers a B.F.A. in Theatre Arts with concentrations in Acting, Dance, Design, Musical Theatre, and Stage Management, a Theatre Minor, and a Dance Minor.

Admission Criteria Admission to this program is open to all. BA students seeking departmental scholarships must audition.

At the time of audition, Theatre Arts students must submit the following:

- Resume
- Head Shot
- two Letters of Recommendation

Scholarships are only awarded to students who have been officially admitted by the university.

More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook: www.apsu.edu/theatre-dance.

Program CIP Code

30.50.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Major Core Requirements

Lower Division Courses

- THEA 1300 - Acting I 3
- THEA 1600 - Stagecraft 3
- THDA 2800 - Theatre Production I 1

Total Hours 7

Upper Division Courses

- THDA 3800 - Theatre Production II 1
- THDA 3995 - Senior Capstone Prep 1
- THDA 4995 - Senior Capstone 3

Total Hours 5

Concentration Requirements

Lower Division Courses

- THEA 2200 - Script Analysis 3

Total Hours 3

Upper Division Courses

- THEA 3010 - Theatre History I 3
- THEA 3020 - Theatre History II 3
- THEA 3400 - Directing I 3

Total Hours 9

Concentration Guided Electives

Complete twelve (12) hours from:

- DANC 1035 - Fundamentals of Dance 3
- DANC 1040 - Introduction to Cultural Dance Forms 2
- DANC 1350 - Ballet - Foundations 2
- DANC 1450 - Modern Dance - Foundations 2
- DANC 1500 - Jazz Dance - Foundations 2
- DANC 1700 - Hip Hop Dance - Foundations 2
- DANC 1900 - Tap Dance - Foundations 2

- DANC 2300 - Music for the Dancer 3
- DANC 3250 - Dance for Musical Theatre 2
- DANC 3350 - Ballet - Intermediate/Advanced 2
- DANC 3400 - Dance Improvisation 3
- DANC 3450 - Modern Dance - Intermediate/Advanced 2
- DANC 3500 - Jazz Dance - Intermediate/Advanced 2
- DANC 3600 - Special Topics in Dance 3
- DANC 3700 - Hip Hop Dance - Intermediate/Advanced 2
- DANC 3880 - Costuming for Dance 3
- DANC 3900 - Tap Dance - Intermediate/Advanced 2
- DANC 4200 - Dance Kinesiology 3
- DANC 4300 - Somatic Movement Practices 3
- DANC 4755 - Dance and Technology 3
- MUS 4251 - Alexander Technique 1
- THDA 2500 - Yoga for Performers 2
- THDA 2880 - Performance Practicum I 1
- THDA 3880 - Performance Practicum II 1
- THDA 440I - Internship in Theatre or Dance 1 to 12
- THDA 4520 - Careers 3
- THDA 4550 - Roy Acuff Chair Seminar 2
- THEA 1500 - Stage Management 3
- THEA 1700 - Elements of Design/Rendering Techniques 3
- THEA 1900 - Drafting I 3
- THEA 2100 - Property and Costume Crafts 3
- THEA 2300 - Acting Improvisation 3
- THEA 2350 - Stage Movement 3
- THEA 2500 - Acting II - Scene Study 3
- THEA 3000 - Makeup Design I 3
- THEA 3080 - International Studies in Theatre I 3
- THEA 3090 - International Studies in Theatre II 3
- THEA 3200 - Voice for the Actor 3
- THEA 3330 - Musical Theatre History 3
- THEA 3341 - Private Half-hour Voice Elective 1
- THEA 3370 - Stage Combat 3
- THEA 3500 - Stage Dialects 3
- THEA 3550 - Stage Management II 3
- THEA 3601 - Special Topics in Theatre 3
- THEA 3700 - Scenic Design I 3
- THEA 3710 - Sound Design 3
- THEA 3750 - Scene Painting I 3
- THEA 3760 - Scenic Design II 3
- THEA 3850 - Costume Construction 3
- THEA 3890 - Costume Design I 3
- THEA 3900 - Drafting II 3
- THEA 4001 - Makeup Design II 3
- THEA 4100 - Period Styles of Architecture 3
- THEA 4150 - Period Styles of Costumes 3

- THEA 4300 - Lighting Design I 3
- THEA 4350 - Acting Workshop 3
- THEA 4401 - Directing II 3
- THEA 4510 - Stage Management Seminar 3
- THEA 4650 - Performance for the Camera 3
- THEA 4660 - Voice-Over Performance 3
- THEA 4790 - Lighting Design II 3
- THEA 4850 - Scene Painting II 3
- THEA 4890 - Costume Design II 3
- THEA 4900 - Playwriting 3
- THEA 4950 - Advanced Playwriting 3

Total Hours 12

Free Electives

Total Hours 36

Total Program Hours 120

Theatre Arts (B.F.A.)

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The B.F.A. in Theatre Arts is a Professional Degree. Each concentration in the B.F.A. Theatre Arts degree program will consist of 62 hours in the major.

Acceptance in the B.F.A. program is through audition-only. Most Theatre and Dance classes are restricted to B.F.A./B.A. majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance.

In addition to this degree, the Department of Theatre and Dance also offers a B.A. in Theatre Arts with concentrations in Dance and Theatre, a Theatre Minor, and a Dance Minor.

Admission Criteria Entrance into the B.F.A.

Theatre Arts program and scholarship consideration is by way of a successful audition and/or portfolio review and interview.

At the time of audition, B.F.A. Theatre Arts students must submit the following:

- Resume
- Headshot
- Two Letters of Recommendation
- Up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

At the time of audition, Design and Stage Management students must submit the following:

- Resume
- Personal Photo or Headshot
- Two Letters of Recommendation and
- Up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

Students are eligible for Scholarship consideration once they have officially been admitted by the university. Students must maintain a minimum 3.0 GPA in the major and 2.5 overall GPA to continue in the program. If a student's GPA falls below a 3.0 in the major, it will result in the student being placed on probation the following semester. Probation may result in ineligibility for casting or other department production positions and will entail being ineligible for departmental sponsored travel. If grades do not improve the student may be released from the program. Continuation in the program requires an Annual Review. Negative reviews may lead to probation or dismissal from the program.

Production Audition Requirements:

- All B.F.A. Acting students must audition for every main stage play and musical.
- All B.F.A. Musical Theatre students must audition for every main stage play, musical and dance concert.
- All B.F.A. Dance students must audition for every main stage musical and dance concert.
- Although B.F.A. Design and Stage Management students are encouraged to audition for main stage productions, they will often be assigned a design, management, or technical role for a production.

Failure to fulfill these audition requirements will result in being placed on probation and may lead to dismissal from the program.

More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook:
www.apsu.edu/theatre-dance

Program CIP Code

30.50.0501.00

Concentrations

- Acting Concentration B.F.A.
- Dance Concentration B.F.A.
- Design Concentration B.F.A.
- Musical Theatre Concentration B.F.A.
- Stage Management Concentration B.F.A.

Acting Concentration B.F.A.

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The B.F.A. in Theatre Arts is a Professional Degree. Each concentration in the B.F.A. Theatre Arts degree program will consist of 62 hours in the major. Acceptance in the B.F.A. program is through audition-only. Most Theatre and Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance. In addition to this degree, the Department of Theatre and Dance also offers a B.A. in Theatre Arts with concentrations in Dance and Theatre, a Theatre Minor, and a Dance Minor. Admission Criteria Entrance into the B.F.A. Theatre Arts program and scholarship consideration is by way of a successful audition and/or portfolio review and interview.

At the time of audition, Acting, Dance, and Musical Theatre students must submit the following:

- Resume
- Headshot
- two Letters of Recommendation
- up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

At the time of audition, Design and Stage Management students must submit the following:

- Resume
- Personal Photo
- two Letters of Recommendation
- up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

Students are eligible for Scholarship consideration once they have officially been admitted by the university. Students must maintain a minimum 3.0 GPA in the major and 2.5 overall GPA to continue in the program. If a student's GPA falls below a 3.0 in the major, it will result in the student being placed on probation the following semester. Probation may result in ineligibility for casting or other department production positions and will entail being ineligible for departmental sponsored travel. If grades do not improve the student may be released from the program. Continuation in the program requires an Annual Review. Negative reviews may lead to probation or dismissal from the program.

Production Audition Requirements:

- All BFA Acting students must audition for every main stage play and musical.
- All BFA Musical Theatre students must audition for every main stage play, musical and dance concert.
- All BFA Dance students must audition for every main stage musical and dance concert.

Although BFA Design and Stage Management students are encouraged to audition for main stage productions, they will often be assigned a design, management, or technical role for a production. Failure to fulfill these audition requirements will result in being placed on probation and may lead to dismissal from the program. More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook: www.apsu.edu/theatre-dance

Program CIP Code

30.50.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements that Satisfy General Education

- THEA 2200 - Script Analysis 3
This course will substitute for a Humanities course for Theatre Arts BFA majors

Acting Concentration

Major Core Requirements

Lower Division Courses

- THEA 1300 - Acting I 3
- THEA 1600 - Stagecraft 3
- THDA 2800 - Theatre Production I 1

Total Hours 7

Upper Division Courses

- THDA 3800 - Theatre Production II 1 (should be completed twice)
- THDA 3995 - Senior Capstone Prep 1
- THDA 4520 - Careers 3
- THDA 4995 - Senior Capstone 3

Total Hours 9

Concentration Requirements

Lower Division Courses

- THEA 2200 - Script Analysis 3
- THEA 2300 - Acting Improvisation 3
- THEA 2350 - Stage Movement 3
- THEA 2500 - Acting II - Scene Study 3

Total Hours 12

Upper Division Courses

- THEA 3000 - Makeup Design I 3
- THEA 3010 - Theatre History I 3
- THEA 3020 - Theatre History II 3
- THEA 3200 - Voice for the Actor 3
- THEA 3400 - Directing I 3
- THEA 3500 - Stage Dialects 3
- THEA 3950 - Acting Studio 1 (should be completed 8 times)
- THEA 4350 - Acting Workshop 3 (should be completed 2 times)
- THEA 4900 - Playwriting 3

Complete six (6) credit hours from the following:

- THEA 3370 - Stage Combat 3
- THEA 4401 - Directing II 3
- THEA 4650 - Performance for the Camera 3
- THEA 4660 - Voice-Over Performance 3

Complete three (3) credit hours from the following:

- THEA 3700 - Scenic Design I 3
- THEA 3890 - Costume Design I 3
- THEA 4300 - Lighting Design I 3

Total Hours 44

Additional Requirements

Complete six (6) credit hours from:

- DANC 1035 - Fundamentals of Dance 3
- DANC 1350 - Ballet - Foundations 2
- DANC 1450 - Modern Dance - Foundations 2
- DANC 1500 - Jazz Dance - Foundations 2
- DANC 1900 - Tap Dance - Foundations 2
- DANC 3250 - Dance for Musical Theatre 2

Total Hours 6

Concentration Guided Electives

Complete three (3) hours from:

- THDA 2500 - Yoga for Performers 2
- THDA 440I - Internship in Theatre or Dance 1 to 12
- THDA 4550 - Roy Acuff Chair Seminar 2
- MUS 4251 - Alexander Technique 1
- THEA 1500 - Stage Management 3
- THEA 3080 - International Studies in Theatre I 3
- THEA 3090 - International Studies in Theatre II 3
- THEA 3341 - Private Half-hour Voice Elective 1
- THEA 3370 - Stage Combat 3
- THEA 3601 - Special Topics in Theatre 3
- THEA 3700 - Scenic Design I 3
- THEA 3710 - Sound Design 3
- THEA 3890 - Costume Design I 3
- THEA 4001 - Makeup Design II 3
- THEA 4200 - Independent Research 1 to 3
- THEA 4300 - Lighting Design I 3
- THEA 4401 - Directing II 3
- THEA 4650 - Performance for the Camera 3
- THEA 4660 - Voice-Over Performance 3
- THEA 4751 - Directed Studies in Theatre 1 to 3
- THEA 4950 - Advanced Playwriting 3
- DANC 1035 - Fundamentals of Dance 3
- DANC 1350 - Ballet - Foundations 2
- DANC 1450 - Modern Dance - Foundations 2
- DANC 1500 - Jazz Dance - Foundations 2
- DANC 1700 - Hip Hop Dance - Foundations 2
- DANC 1900 - Tap Dance - Foundations 2
- DANC 3250 - Dance for Musical Theatre 2
- DANC 3350 - Ballet - Intermediate/Advanced 2
- DANC 3450 - Modern Dance - Intermediate/Advanced 2
- DANC 3500 - Jazz Dance - Intermediate/Advanced 2
- DANC 3700 - Hip Hop Dance - Intermediate/Advanced 2
- DANC 3900 - Tap Dance - Intermediate/Advanced 2

Total Hours 3

Total Program Hours 120

Dance Concentration B.F.A.

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The B.F.A. in Theatre Arts is a Professional Degree. Each concentration in the B.F.A. Theatre Arts degree program will consist of 62 hours in the major. Acceptance in the B.F.A. program is through audition-only. Most Theatre and Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance. In addition to this degree, the Department of Theatre and Dance also offers a B.A. in Theatre Arts with concentrations in Dance and Theatre, a Theatre Minor, and a Dance Minor. Admission Criteria Entrance into the B.F.A. Theatre Arts program and scholarship consideration is by way of a successful audition and/or portfolio review and interview. At the time of audition, Acting, Dance, and Musical Theatre students must submit the following:

- Resume
- Headshot
- two Letters of Recommendation
- up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

At the time of audition, Design and Stage Management students must submit the following:

- Resume
- Personal Photo,
- two Letters of Recommendation
- up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

Students are eligible for Scholarship consideration once they have officially been admitted by the university. Students must maintain a minimum 3.0 GPA in the major and 2.5 overall GPA to continue in the program. If a student's GPA falls below a 3.0 in the major, it will result in the student being placed on probation the following semester. Probation may result in ineligibility for casting or other department production positions and will entail being ineligible for departmental sponsored travel. If grades do not improve the student may be released from the program. Continuation in the program requires an Annual Review. Negative reviews may lead to probation or dismissal from the program.

Production Audition Requirements:

- All BFA Acting students must audition for every main stage play and musical.
- All BFA Musical Theatre students must audition for every main stage play, musical and dance concert.
- All BFA Dance students must audition for every main stage musical and dance concert.

Although BFA Design and Stage Management students are encouraged to audition for main stage productions, they will often be assigned a design, management, or technical role for a production. Failure to fulfill these audition requirements will result in being placed on probation and may lead to dismissal from the program. More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook: www.apsu.edu/theatre-dance

Program CIP Code

30.50.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements that Satisfy General Education

- DANC 3040 - Dance History I 3
This course will substitute for a Humanities course for Theatre Arts BFA Dance majors.

Major Core Requirements

Lower Division Courses

- THEA 1300 - Acting I 3
- THEA 1600 - Stagecraft 3
- THDA 2800 - Theatre Production I 1

Total Hours 7

Upper Division Courses

- THDA 3800 - Theatre Production II 1 (should be completed twice)
- THDA 3995 - Senior Capstone Prep 1
- THDA 4520 - Careers 3
- THDA 4995 - Senior Capstone 3

Total Hours 9

Concentrations

Dance Concentration

Lower Division Courses

- DANC 1350 - Ballet - Foundations 2
- DANC 1450 - Modern Dance - Foundations 2
- DANC 1500 - Jazz Dance - Foundations 2
- DANC 1900 - Tap Dance - Foundations 2
- DANC 2300 - Music for the Dancer 3

Total Hours 11

Upper Division Courses

- DANC 3040 - Dance History I 3
 - DANC 3250 - Dance for Musical Theatre 2
 - DANC 3350 - Ballet - Intermediate/Advanced 2 (should be completed twice)
 - DANC 3400 - Dance Improvisation 3
 - DANC 3450 - Modern Dance - Intermediate/Advanced 2 (should be completed twice)
 - DANC 3500 - Jazz Dance - Intermediate/Advanced 2 (should be completed twice)
 - DANC 3800 - Dance Composition I 3
 - DANC 3880 - Costuming for Dance 3
 - DANC 3900 - Tap Dance - Intermediate/Advanced 2 (should be completed twice)
 - DANC 4040 - Dance History II 3
 - DANC 4200 - Dance Kinesiology 3
 - DANC 4300 - Somatic Movement Practices 3
 - DANC 4400 - Dance Composition II 3
 - DANC 4500 - Theory and Practice of Teaching Dance 3
- Complete six (6) hours from the Dance Techniques courses listed below:**
- DANC 4350 - Ballet - Pre-Professional 2
 - DANC 4450 - Modern Dance - Pre-Professional 2
 - DANC 4550 - Jazz Dance - Pre-Professional 2
 - DANC 4900 - Tap Dance - Pre-Professional 2

Total Hours 51

Concentration Guided Electives

Complete three hours (3) from:

- DANC 3600 - Special Topics in Dance 3
- DANC 4350 - Ballet - Pre-Professional 2
- DANC 4450 - Modern Dance - Pre-Professional 2
- DANC 4550 - Jazz Dance - Pre-Professional 2
- DANC 4650 - Independent Research 1 to 3

- DANC 4710 - Hip Hop Dance - Pre-Professional 2
- DANC 4750 - Directed Studies in Dance 1 to 3
- DANC 4755 - Dance and Technology 3
- DANC 4900 - Tap Dance - Pre-Professional 2
- MUS 4251 - Alexander Technique 1
- THDA 2500 - Yoga for Performers 2
- THDA 2880 - Performance Practicum I 1
- THDA 3880 - Performance Practicum II 1
- THDA 440I - Internship in Theatre or Dance 1 to 12
- THDA 4550 - Roy Acuff Chair Seminar 2
- THEA 3000 - Makeup Design I 3
- THEA 3341 - Private Half-hour Voice Elective 1
- THEA 3850 - Costume Construction 3
- THEA 4300 - Lighting Design I 3
- THEA 4660 - Voice-Over Performance 3

Total Hours 3

Total Program Hours 120

Design Concentration B.F.A.

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The B.F.A. in Theatre Arts is a Professional Degree. Each concentration in the B.F.A. Theatre Arts degree program will consist of 62 hours in the major. Acceptance in the B.F.A. program is through audition-only. Most Theatre and Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance. In addition to this degree, the Department of Theatre and Dance also offers a B.A. in Theatre Arts with concentrations in Dance and Theatre, a Theatre Minor, and a Dance Minor.

Admission Criteria Entrance into the B.F.A. Theatre Arts program and scholarship consideration is by way of a successful audition and/or portfolio review and interview.

At the time of audition, Acting, Dance, and Musical Theatre students must submit the following:

- Resume
- Headshot
- two Letters of Recommendation
- up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

At the time of audition, Design and Stage Management students must submit the following:

- Resume
- Personal Photo,
- two Letters of Recommendation
- up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

Students are eligible for Scholarship consideration once they have officially been admitted by the university. Students must maintain a minimum 3.0 GPA in the major and 2.5 overall GPA to continue in the program. If a student's GPA falls below a 3.0 in the major, it will result in the student being placed on probation the following semester. Probation may result in ineligibility for casting or other department production positions and will entail being ineligible for departmental sponsored travel. If grades do not improve the student may be released from the program. Continuation in the program requires an Annual Review. Negative reviews may lead to probation or dismissal from the program.

Production Audition Requirements:

- All BFA Acting students must audition for every main stage play and musical.
- All BFA Musical Theatre students must audition for every main stage play, musical and dance concert.
- All BFA Dance students must audition for every main stage musical and dance concert.

Although BFA Design and Stage Management students are encouraged to audition for main stage productions, they will often be assigned a design, management, or technical role for a production. Failure to fulfill these audition requirements will result in being placed on probation and may lead to dismissal from the program. More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook: www.apsu.edu/theatre-dance

Program CIP Code

30.50.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements that Satisfy General Education

- THEA 2200 - Script Analysis 3
This course will substitute for a Humanities course for Theatre Arts BFA majors.

Major Core Requirements

Lower Division Courses

- THEA 1300 - Acting I 3
- THEA 1600 - Stagecraft 3
- THDA 2800 - Theatre Production I 1

Total Hours 7

Upper Division Courses

- THDA 3800 - Theatre Production II 1 (should be completed twice)
- THDA 3995 - Senior Capstone Prep 1
- THDA 4520 - Careers 3
- THDA 4995 - Senior Capstone 3

Total Hours 9

Concentrations

Design Concentration

Lower Division Courses

- THEA 1500 - Stage Management 3
- THEA 1700 - Elements of Design/Rendering Techniques 3
- THEA 1900 - Drafting I 3
- THEA 2100 - Property and Costume Crafts 3
- THEA 2200 - Script Analysis 3

Total Hours 15

Upper Division Courses

- THEA 3000 - Makeup Design I 3
- THEA 3010 - Theatre History I 3
- THEA 3020 - Theatre History II 3
- THEA 3400 - Directing I 3
- THEA 3700 - Scenic Design I 3
- THEA 3710 - Sound Design 3
- THEA 3750 - Scene Painting I 3
- THDA 3800 - Theatre Production II 1 (should be completed three times, in addition to Core Requirement)
- THEA 3890 - Costume Design I 3
- THEA 4100 - Period Styles of Architecture 3
- THEA 4150 - Period Styles of Costumes 3
- THEA 4300 - Lighting Design I 3

Total Hours 36

Additional Requirements

Complete twelve (12) credit hours from the following:

- ART 1360 - Foundations Studio 3 3
- DANC 3880 - Costuming for Dance 3
- THEA 3550 - Stage Management II 3
- THEA 3760 - Scenic Design II 3
- THEA 3850 - Costume Construction 3
- THEA 3900 - Drafting II 3
- THEA 4001 - Makeup Design II 3
- THEA 4790 - Lighting Design II 3
- THEA 4850 - Scene Painting II 3
- THEA 4890 - Costume Design II 3

Total Hours 12

Guided Electives

Complete three (3) credit hours from the following:

- DANC 3880 - Costuming for Dance 3
- MUS 4251 - Alexander Technique 1
- THDA 2880 - Performance Practicum I 1
- THDA 3880 - Performance Practicum II 1
- THDA 440I - Internship in Theatre or Dance 1 to 12
- THDA 4550 - Roy Acuff Chair Seminar 2
- THEA 2500 - Acting II - Scene Study 3
- THEA 3080 - International Studies in Theatre I 3
- THEA 3090 - International Studies in Theatre II 3
- THEA 3370 - Stage Combat 3
- THEA 3550 - Stage Management II 3
- THEA 3601 - Special Topics in Theatre 3
- THEA 3760 - Scenic Design II 3
- THEA 3850 - Costume Construction 3
- THEA 3900 - Drafting II 3
- THEA 4001 - Makeup Design II 3
- THEA 4200 - Independent Research 1 to 3
- THEA 4401 - Directing II 3
- THEA 4650 - Performance for the Camera 3
- THEA 4751 - Directed Studies in Theatre 1 to 3
- THEA 4790 - Lighting Design II 3
- THEA 4850 - Scene Painting II 3
- THEA 4890 - Costume Design II 3
- THEA 4900 - Playwriting 3
- THEA 4950 - Advanced Playwriting 3
- ART 1360 - Foundations Studio 3 3

Total Hours 3

Total Program Hours 121

Musical Theatre Concentration B.F.A.

Location: Trahern Bldg., Room 208
Phone: 931-221-6767
Website: www.apsu.edu/theatre-dance

The B.F.A. in Theatre Arts is a Professional Degree. Each concentration in the B.F.A. Theatre Arts degree program will consist of 62 hours in the major. Acceptance in the B.F.A. program is through audition-only. Most Theatre and Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance. In addition to this degree, the Department of Theatre and Dance also offers a B.A. in Theatre Arts with concentrations in Dance and Theatre, a Theatre Minor, and a Dance Minor. Admission Criteria Entrance into the B.F.A. Theatre Arts program and scholarship consideration is by way of a successful audition and/or portfolio review and interview.

At the time of audition, Acting, Dance, and Musical Theatre students must submit the following:

- Resume
- Headshot
- two Letters of Recommendation
- up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

At the time of audition, Design and Stage Management students must submit the following:

- Resume
- Personal Photo
- two Letters of Recommendation
- up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

Students are eligible for Scholarship consideration once they have officially been admitted by the university.

Students must maintain a minimum 3.0 GPA in the major and 2.5 overall GPA to continue in the program. If a student's GPA falls below a 3.0 in the major, it will result in the student being placed on probation the following semester. Probation may result in ineligibility for casting or other department production positions and will entail being ineligible for departmental sponsored travel. If grades do not improve the student may be released from the program. Continuation in the program requires an Annual Review. Negative reviews may lead to probation or dismissal from the program.

Production Audition Requirements:

- All BFA Acting students must audition for every main stage play and musical.
- All BFA Musical Theatre students must audition for every main stage play, musical and dance concert.
- All BFA Dance students must audition for every main stage musical and dance concert.

Although BFA Design and Stage Management students are encouraged to audition for main stage productions, they will often be assigned a design, management, or technical role for a production. Failure to fulfill these audition requirements will result in

being placed on probation and may lead to dismissal from the program.

More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook:
www.apsu.edu/theatre-dance

Program CIP Code

30.50.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements that Satisfy General Education

- THEA 2200 - Script Analysis 3
This course will substitute for a Humanities course for Theatre Arts BFA majors.

Major Core Requirements

Lower Division Courses

- THEA 1300 - Acting I 3
- THEA 1600 - Stagecraft 3
- THDA 2800 - Theatre Production I 1

Total Hours 7

Upper Division Courses

- THDA 3800 - Theatre Production II 1
(should be completed twice)
- THDA 3995 - Senior Capstone Prep 1
- THDA 4520 - Careers 3
- THDA 4995 - Senior Capstone 3

Total Hours 9

Concentrations

Musical Theatre Concentration

Lower Division Courses

- MUS 1169 - Piano for Adult Beginners 1
- THEA 1100 - Practical Theory I 2
- THEA 1110 - Practical Theory II 2
- THEA 1340 - Musical Theatre Voice Seminar 1 (should be taken 2 times)
- THEA 2200 - Script Analysis 3
- THEA 2500 - Acting II - Scene Study 3
- Complete six (6) credit hours from the following:
- DANC 1350 - Ballet - Foundations 2
- DANC 1450 - Modern Dance - Foundations 2
- DANC 1500 - Jazz Dance - Foundations 2
- DANC 1700 - Hip Hop Dance - Foundations 2
- DANC 1900 - Tap Dance - Foundations 2

Total Hours 19

Upper Division Courses

- DANC 3250 - Dance for Musical Theatre 2
- THEA 3000 - Makeup Design I 3
- THEA 3010 - Theatre History I 3
- THEA 3200 - Voice for the Actor 3
- THEA 3330 - Musical Theatre History 3
- THEA 3340 - Musical Theatre Voice 1 (should be completed six times)
- THEA 3350 - Musical Theatre Workshop I 3
- THEA 3355 - Musical Theatre Coaching 1 (should be completed four times)
- THEA 3360 - Musical Theatre Workshop II 3
- THEA 3365 - Musical Theatre Studio 1 (should be completed eight times)
- THEA 3400 - Directing I 3
- THEA 4350 - Acting Workshop 3
- Complete four (4) credit hours from the following:
- DANC 3350 - Ballet - Intermediate/Advanced 2
- DANC 3450 - Modern Dance - Intermediate/Advanced 2
- DANC 3500 - Jazz Dance - Intermediate/Advanced 2
- DANC 3900 - Tap Dance - Intermediate/Advanced 2

Total Hours 48

Guided Electives

Complete two (2) credit hours from the following:

- DANC 1350 - Ballet - Foundations 2
- DANC 1450 - Modern Dance - Foundations 2
- DANC 1500 - Jazz Dance - Foundations 2
- DANC 1700 - Hip Hop Dance - Foundations 2
- DANC 1900 - Tap Dance - Foundations 2
- DANC 3350 - Ballet - Intermediate/Advanced 2
- DANC 3450 - Modern Dance - Intermediate/Advanced 2
- DANC 3500 - Jazz Dance - Intermediate/Advanced 2
- DANC 3600 - Special Topics in Dance 3
- DANC 3700 - Hip Hop Dance - Intermediate/Advanced 2
- DANC 3900 - Tap Dance - Intermediate/Advanced 2
- DANC 4650 - Independent Research 1 to 3
- DANC 4750 - Directed Studies in Dance 1 to 3
- MUS 4251 - Alexander Technique 1
- THEA 1500 - Stage Management 3
- THEA 2300 - Acting Improvisation 3
- THDA 2500 - Yoga for Performers 2
- THEA 3080 - International Studies in Theatre I 3
- THEA 3090 - International Studies in Theatre II 3
- THEA 3370 - Stage Combat 3
- THEA 3601 - Special Topics in Theatre 3
- THEA 3700 - Scenic Design I 3
- THEA 3710 - Sound Design 3
- THEA 3850 - Costume Construction 3
- THEA 3890 - Costume Design I 3
- THEA 4001 - Makeup Design II 3
- THEA 4200 - Independent Research 1 to 3
- THEA 4300 - Lighting Design I 3
- THEA 4350 - Acting Workshop 3
- THEA 4401 - Directing II 3
- THDA 4401 - Internship in Theatre or Dance 1 to 12
- THDA 4550 - Roy Acuff Chair Seminar 2
- THEA 4650 - Performance for the Camera 3
- THEA 4660 - Voice-Over Performance 3
- THEA 4751 - Directed Studies in Theatre 1 to 3
- THEA 4900 - Playwriting 3
- THEA 4950 - Advanced Playwriting 3

Total Hours 2

Total Program Hours 124

Stage Management Concentration B.F.A.

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The B.F.A. in Theatre Arts is a Professional Degree. Each concentration in the B.F.A. Theatre Arts degree program will consist of 62 hours in the major.

Acceptance in the B.F.A. program is through audition-only. Most Theatre and Dance classes are restricted to B.F.A./B.A. majors and minors. Exceptions must be approved by the instructor of record or by the Chair of the Department of Theatre and Dance.

In addition to this degree, the Department of Theatre and Dance also offers a B.A. in Theatre Arts with concentrations in Dance and Theatre, a Theatre Minor, and a Dance Minor.

Admission Criteria Entrance into the B.F.A.

Theatre Arts program and scholarship consideration is by way of a successful audition and/or portfolio review and interview. At the time of audition, Acting, Dance, and Musical Theatre students must submit the following:

- Resume
- Headshot
- Two Letters of Recommendation
- Up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

At the time of audition, Design and Stage Management students must submit the following:

- Resume
- Personal Photo and Headshots
- Two Letters of Recommendation
- Up-to-date transcripts that indicate cumulative GPA of high school and/or previous college work.

Students are eligible for Scholarship consideration once they have officially been admitted by the university. Students must maintain a minimum 3.0 GPA in the major and 2.5 overall GPA to continue in the program. If a student's GPA falls below a 3.0 in the major, it will result in the student being placed on probation the following semester. Probation may result in ineligibility for casting or other department production positions and will entail being ineligible for departmental sponsored travel. If grades do not improve the student may be released from the program. Continuation in the program requires an Annual Review. Negative reviews may lead to probation or dismissal from the program.

Production Audition Requirements:

- All B.F.A. Acting students must audition for every main stage play and musical.
- All B.F.A. Musical Theatre students must audition for every main stage play, musical and dance concert.
- All B.F.A. Dance students must audition for every main stage musical and dance concert.
- Although B.F.A. Design and Stage Management students are encouraged to audition for main stage productions, they will often be assigned a design, management, or technical role for a production.

Failure to fulfill these audition requirements will result in being placed on probation and may lead to dismissal from the program.

More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Guidebook:
www.apsu.edu/theatre-dance

Program CIP Code

30.50.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- THEA 1300 - Acting I 3
- THEA 1600 - Stagecraft 3
- THDA 2800 - Theatre Production I 1

Total Hours 7

Upper Division Courses

- THDA 3800 - Theatre Production II 1 (must be completed twice)
- THDA 4520 - Careers 3
- THDA 4995 - Senior Capstone 3

Total Hours 9

Concentrations

Stage Management Concentration

Lower Division Courses

- LDSP 2100 - Foundations of Leadership Science 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- THEA 1500 - Stage Management 3

- THEA 2200 - Script Analysis 3
- THDA 2880 - Performance Practicum I 1

Total Hours 13

Upper Division Courses

- THEA 3010 - Theatre History I 3
- THEA 3020 - Theatre History II 3
- THEA 3400 - Directing I 3
- THEA 3550 - Stage Management II 3
- THEA 3700 - Scenic Design I 3
- THEA 3710 - Sound Design 3
- THDA 3800 - Theatre Production II 1 (must be completed 2 times, in addition to Core Requirement)
- THDA 3880 - Performance Practicum II 1 (must be completed 4 times)
- THEA 3890 - Costume Design I 3
- THEA 4300 - Lighting Design I 3
- THEA 4510 - Stage Management Seminar 3 (must be completed twice)

Total Hours 36

Additional Requirements

Complete three (3) credit hours from the following:

- LDSP 3030 - Organizational Team Building 3
- LDSP 3110 - Innovation and Creativity 3
- LDSP 3130 - Judgment and Decision Making
- LDSP 4200 - Leadership, Technology, and Change 3

Complete three (3) credit hours from the following:

- MGT 3210 - Human Resource Management 3
- MGT 3240 - Diversity in Organizations 3
- MGT 3630 - Creativity and Ideation 3

Total Hours 6

Guided Electives

Complete eight (8) credit hours from the following:

- DANC 3880 - Costuming for Dance 3
- LDSP 3010 - Management in Organizations 3
- LDSP 3030 - Organizational Team Building 3
- LDSP 3110 - Innovation and Creativity 3
- LDSP 3130 - Judgment and Decision Making
- LDSP 4200 - Leadership, Technology, and Change 3
- MGT 3210 - Human Resource Management 3
- MGT 3240 - Diversity in Organizations 3
- MGT 3630 - Creativity and Ideation 3

- MUS 4251 - Alexander Technique 1
- THDA 440I - Internship in Theatre or Dance 1 to 12
- THDA 4550 - Roy Acuff Chair Seminar 2
- THEA 1700 - Elements of Design/Rendering Techniques 3
- THEA 1900 - Drafting I 3
- THEA 2100 - Property and Costume Crafts 3
- THEA 2500 - Acting II - Scene Study 3
- THEA 3000 - Makeup Design I 3
- THEA 3080 - International Studies in Theatre I 3
- THEA 3090 - International Studies in Theatre II 3
- THEA 3601 - Special Topics in Theatre 3
- THEA 3750 - Scene Painting I 3
- THEA 3760 - Scenic Design II 3
- THEA 3850 - Costume Construction 3
- THEA 3900 - Drafting II 3
- THEA 4001 - Makeup Design II 3
- THEA 4100 - Period Styles of Architecture 3
- THEA 4150 - Period Styles of Costumes 3
- THEA 4200 - Independent Research 1 to 3
- THEA 4401 - Directing II 3
- THEA 4650 - Performance for the Camera 3
- THEA 4660 - Voice-Over Performance 3
- THEA 4751 - Directed Studies in Theatre 1 to 3
- THEA 4790 - Lighting Design II 3
- THEA 4850 - Scene Painting II 3
- THEA 4890 - Costume Design II 3
- THEA 4900 - Playwriting 3
- THEA 4950 - Advanced Playwriting 3

Total Hours 8

Total Program Hours 121

African American Studies Minor

The minor in African American Studies offers students an African-centered, Pan-Africanist, interdisciplinary course of study which enhances their majors. Minors can study abroad in Africa and receive practical skills in community-based work/volunteer assignments. In addition, students are encouraged to participate in the activities of the African American Cultural Center.

Minor Requirements

Lower Division Courses

- AAST 2200 - Introduction African American Studies 3
- AAST 2250 - African American Expressive Culture 3
- WGST 2050 - Introduction to Women's and Gender Studies (Effective Spring 2022) 3

Total Hours 9

Upper Division Courses

- AAST 3020 - Seminar in African American Studies 1 to 6 (must complete for 3 credit hours)

Total Hours 3

Minor Required Electives

Select six hours from the list below:

- AAST 2000 - Contemporary African American Life 3
- AAST 2800 - Introduction to Black Women Writers 3
- AAST 300A - Selected Topics in African American Studies 3
- AAST 3300 - Introduction to Black Theatre and Performance 3
- AAST 3400 - African Americans in Film and Society 3
- AAST 3450 - African American Literature: Post Civil Rights 3
- AAST 3500 - Multicultural Studies on Race and Gender 3
- COMM 4470 - Race, Gender, and Mass Media 3
- DANC 1500 - Jazz Dance - Foundations 2
- DANC 1700 - Hip Hop Dance - Foundations 2
- DANC 1900 - Tap Dance - Foundations 2
- DANC 3500 - Jazz Dance - Intermediate/Advanced 2
- DANC 3700 - Hip Hop Dance - Intermediate/Advanced 2
- DANC 3900 - Tap Dance - Intermediate/Advanced 2
- DANC 4550 - Jazz Dance - Pre-Professional 2
- DANC 4710 - Hip Hop Dance - Pre-Professional 2
- DANC 4900 - Tap Dance - Pre-Professional 2
- ENGL 340R - Century's End: Race and Gender at the Turn of the Twentieth Century 3
- HIST 4640 - The Black Atlantic 3
- HIST 4650 - African American History to 1890 3
- HIST 4660 - African American History Since 1890 3

- HIST 4665 - Civil Rights Movement 3
- PSYC 3230 - African American Psychology 3
- SOC 3050 - Race and Ethnicity in a Multicultural Society 3
- WGST 2060 - Introduction to LGBTQ Studies (Effective Spring 2022) 3

Total Hours 6

Total Program Hours 18

Dance Minor

Department of Theatre and Dance

Location: Trahern Bldg., Room 208

Phone: 931-221-6767

Website: www.apsu.edu/theatre-dance

The Dance minor equips students with a broad foundation of dance course work including Dance Technique, Dance Composition, Dance Improvisation, and Dance History. The minor provides students with access to a wide array of classes from the Department of Theatre and Dance which allows students to build a minor that meets their personal and professional goals. The minor requires 18 hours of coursework in Dance; 15 hours of coursework are prescribed by the department and 3 hours are determined in consultation with and advisor in the department.

Required Courses

- DANC 3040 - Dance History I 3
- DANC 3800 - Dance Composition I 3
- DANC 3400 - Dance Improvisation 3
- **Select four (4) credit hours from the courses listed below**
- DANC 1350 - Ballet - Foundations 2
- DANC 1450 - Modern Dance - Foundations 2
- DANC 1500 - Jazz Dance - Foundations 2
- DANC 1700 - Hip Hop Dance - Foundations 2
- DANC 1900 - Tap Dance - Foundations 2
- **Complete two hours from the courses listed below:**
- DANC 3350 - Ballet - Intermediate/Advanced 2
- DANC 3450 - Modern Dance - Intermediate/Advanced 2
- DANC 3500 - Jazz Dance - Intermediate/Advanced 2
- DANC 3700 - Hip Hop Dance - Intermediate/Advanced 2
- DANC 3900 - Tap Dance - Intermediate/Advanced 2

Total Hours 15

Minor Guided Electives

- **Select three (3) credit hours from the courses listed below**
- DANC 3250 - Dance for Musical Theatre 2
- DANC 3350 - Ballet - Intermediate/Advanced 2
- DANC 3450 - Modern Dance - Intermediate/Advanced 2
- DANC 3500 - Jazz Dance - Intermediate/Advanced 2
- DANC 3700 - Hip Hop Dance - Intermediate/Advanced 2
- DANC 3880 - Costuming for Dance 3
- DANC 3900 - Tap Dance - Intermediate/Advanced 2
- DANC 4040 - Dance History II 3
- DANC 4200 - Dance Kinesiology 3

- DANC 4300 - Dance Somatics 3
- DANC 4350 - Ballet - Pre-Professional 2
- DANC 4450 - Modern Dance - Pre-Professional 2
- DANC 4500 - Theory and Practice of Teaching Dance 3
- DANC 4550 - Jazz Dance - Pre-Professional 2
- DANC 4900 - Tap Dance - Pre-Professional 2
- DANC 4710 - Hip Hop Dance - Pre-Professional 2

Total Hours 3

Total Hours 18

Theatre Minor

Department of Theatre and Dance
Location: Trahern Bldg., Room 208
Phone: 931-221-6767
Website: www.apsu.edu/theatre-dance

The Theatre minor equips students with a broad foundation of theatrical course work including Acting, Theatre Design, Stage Management, and Theatre History. The minor provides students with access to a wide array of classes from the Department of Theatre and Dance which allows students to build a minor that meets their personal and professional goals. The minor requires 18 hours of coursework in Theatre; 9 hours of coursework are prescribed by the department and 9 hours are determined in consultation with an advisor in the department.

Required Courses

- THEA 1300 - Acting I 3
- THEA 2200 - Script Analysis 3
- THEA 3010 - Theatre History I 3

Total Hours 9

Guided Electives

Select nine (9) credit hours from the courses listed below

- THEA 1500 - Stage Management 3
- THEA 1600 - Stagecraft 3
- THEA 1900 - Drafting I 3
- THEA 2100 - Property and Costume Crafts 3
- THEA 2300 - Acting Improvisation 3
- THEA 2500 - Acting II - Scene Study 3
- THDA 2800 - Theatre Production I 1
- THDA 2880 - Performance Practicum I 1
- THEA 3000 - Makeup Design I 3
- THEA 3020 - Theatre History II 3
- THEA 3200 - Voice for the Actor 3
- THEA 3370 - Stage Combat 3
- THEA 3400 - Directing I 3
- THEA 3500 - Stage Dialects 3
- THEA 3550 - Stage Management II 3
- THEA 3601 - Special Topics in Theatre 3
- THEA 3700 - Scenic Design I 3
- THEA 3710 - Sound Design 3
- THEA 3750 - Scene Painting I 3
- THEA 3760 - Scenic Design II 3
- THDA 3800 - Theatre Production II 1
- THEA 3850 - Costume Construction 3
- THDA 3880 - Performance Practicum II 1

- THEA 3890 - Costume Design I 3
- THEA 3900 - Drafting II 3
- THEA 4001 - Makeup Design II 3
- THEA 4100 - Period Styles of Architecture 3
- THEA 4150 - Period Styles of Costumes 3
- THEA 4300 - Lighting Design I 3
- THEA 4401 - Directing II 3
- THEA 4650 - Performance for the Camera 3
- THEA 4660 - Voice-Over Performance 3
- THEA 4790 - Lighting Design II 3
- THEA 4850 - Scene Painting II 3
- THEA 4890 - Costume Design II 3
- THEA 4900 - Playwriting 3
- THEA 4950 - Advanced Playwriting 3

Total Hours 9

Total Hours 18

College of Behavioral and Health Sciences

Location: McCord, 212

Phone: 931-221-6380; Fax: 931-221-6382

e-mail: maurerm@apsu.edu

Website: www.apsu.edu/behavioral-health/

The College of Behavioral and Health Sciences is committed to academic endeavors and community outreach based on empirical research and evidence-based practice that is designed to educate students and the community about the human condition and ways to improve it.

The College is the academic home for undergraduate majors in criminal justice, health and human performance, kinesiology, military sciences, nursing, political science and public management, psychological sciences and counseling, social work, and sociology. The College also offers a doctorate degree in psychology and master degrees in criminal justice, health and human performance, leadership and organization administration, industrial-organizational psychology, counseling, nursing, and social work. The College also has specialty master degrees in healthcare administration and speech-language pathology. Minors are available in coaching, criminal justice, environmental studies, family studies, health, homeland security, international relations, leadership science, military science, occupational health psychology, organizational forensics, physical education, political science, psychological science, public management, recreation, and sociology.

Department of Criminal Justice

College of Behavioral and Health Sciences

Location: Clement Bldg, Room 108

Fort Campbell Center, Bldg. 203, Room 211

Phone: 931-221-1480

Email: criminaljustice@apsu.edu

Website: www.apsu.edu/criminal-justice

The Criminal Justice degree will prepare a student for a successful career in a growing field. This program is designed for students who want to work in law, law enforcement, corrections, victim advocacy, social services, or governmental organizations. Students will receive instruction on the current issues in the subject as well as a broad understanding of theory and practice in the field discipline. The major covers important foundation areas, including the basics of the system, research methods, theory, and law, but also instructs students on more specific coursework in crime and deviance, the institutions and processes of criminal justice, and courts and law. For this degree a student must complete at least 33 upper division (3000-4999) credit hours. A departmental exit exam is required the last semester before graduation for all criminal justice majors. For those interested in Homeland Security fields, the Criminal Justice Major has an optional Homeland Security Concentration within the Criminal Justice Degree. The demand for personnel educated in the highly specialized field of homeland security has escalated steadily since 9/11, with career opportunities in city, county, state and federal law enforcement agencies and/or private businesses and industries

Programs:

Bachelor of Science

- Criminal Justice (B.S.)
- National Security Studies (B.S.)

Concentration

- Corporate Security Concentration
- Criminal Justice Major
- Geographic Information Systems Concentration
- Homeland Security Concentration
- Intelligence Concentration
- National Security Studies Major

Minors (non-degree)

- Criminal Justice Minor
- Global Security Studies Minor
- Homeland Security Minor

Criminal Justice (B.S.)

Location: Clement Bldg., Room 108

Fort Campbell Center, Bldg. 203, Room 211

Phone: 931-221-1480

Email: criminaljustice@apsu.edu

Website: www.apsu.edu/criminal-justice

Description of Major

The Criminal Justice degree will prepare a student for a successful career in a growing field. This program is designed for students who want to work in law, law enforcement, corrections, victim advocacy, social services, or governmental organizations. Students will receive instruction on the current issues in the subject as well as a broad understanding of theory and practice in the field discipline. The major covers important foundation areas, including the basics of the system, research methods, theory, and law, but also instructs students on more specific coursework in crime and deviance, the institutions and processes of criminal justice, and courts and law. For this degree a student must complete at least 33 upper division (3000-4999) credit hours. A departmental exit exam is required the last semester before graduation for all criminal justice majors. For those interested in Homeland Security fields, the Criminal Justice Major has an optional Homeland Security Concentration within the Criminal Justice Degree. The demand for personnel educated in the highly specialized field of homeland security has escalated steadily since 9/11, with career opportunities in city, county, state and federal law enforcement agencies and/or private businesses and industries.

Program CIP Code

27.43.0103.00

Programs

- Criminal Justice Major
- Homeland Security Concentration

Criminal Justice Major

Program CIP Code

27.43.0103.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- CRJ 1010 - Introduction to Criminal Justice 3
- CRJ 2000 - Introduction to Criminology 3
- CRJ 2010 - Criminal Law 3
- CRJ 2020 - Research Methods in Criminal Justice 3

Total Hours 12

Upper Division Courses

- CRJ 4950 - Senior Capstone in Criminal Justice 3

Total Hours 3

Major Guided Electives

Must take two (2) classes from each of the three areas below.

Processes and Institutions

- CRJ 3130 - Policing in America 3
- CRJ 3150 - Fundamentals of Corrections 3
- CRJ 3220 - Criminal Investigations 3
- CRJ 3300 - Ethics in Criminal Justice 3
- CRJ 3430 - Management of Incidents 3
- CRJ 4000 - Law Enforcement Administration 3
- CRJ 4011 - Issues in Criminal Justice 3

- CRJ 4030 - Comparative Criminal Justice/Homeland Security 3
Courts and Law

- CRJ 3000 - Constitutional Law 3
- CRJ 3020 - Criminal Evidence Procedure 3
- CRJ 3030 - Terrorism and the Law 3
- CRJ 3140 - Private Security and the Law 3
- CRJ 3500 - International Courts & Justice 3
- CRJ 4110 - American Courts and Judicial Process 3
- CRJ 4140 - Homeland Security Law 3
- CRJ 4320 - Juvenile Justice 3

Crime and Deviance

- CRJ 3100 - Fundamentals of Cybercrime 3
- CRJ 3440 - Crime Prevention 3
- CRJ 4050 - Criminal Profiling 3
- CRJ 4210 - Gangs in Society 3
- CRJ 4220 - White Collar Crime 3
- CRJ 4230 - Criminal Justice in Popular Culture 3
- CRJ 4250 - Serial Murder 3
- CRJ 4300 - Advanced Criminology 3

Complete six hours from:

- CRJ 3000-4999

*Upper Division Homeland Security concentration courses will meet the additional two course requirement.

Total Hours 24

Free Electives

Students must complete thirty-nine (39) hours of additional coursework from any course offered.

Total Hours 39

Total Program Hours 120

Homeland Security Concentration

Program CIP Code

27.43.0103.00

General Education Core

Credit Hours

see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- CRJ 1010 - Introduction to Criminal Justice 3
- CRJ 2000 - Introduction to Criminology 3
- CRJ 2010 - Criminal Law 3
- CRJ 2020 - Research Methods in Criminal Justice 3

Total Hours 12

Upper Division Courses

- CRJ 4950 - Senior Capstone in Criminal Justice 3

Total Hours 3

Major Guided Electives

Must take two (2) classes from each of the three areas below
Processes and Institutions

- CRJ 3130 - Policing in America 3
- CRJ 3150 - Fundamentals of Corrections 3
- CRJ 3220 - Criminal Investigations 3
- CRJ 3300 - Ethics in Criminal Justice 3
- CRJ 3430 - Management of Incidents 3
- CRJ 4000 - Law Enforcement Administration 3
- CRJ 4011 - Issues in Criminal Justice 3
- CRJ 4030 - Comparative Criminal Justice/Homeland Security 3

Courts and Law

- CRJ 3000 - Constitutional Law 3
- CRJ 3020 - Criminal Evidence Procedure 3
- CRJ 3030 - Terrorism and the Law 3
- CRJ 3140 - Private Security and the Law 3
- CRJ 3500 - International Courts & Justice 3
- CRJ 4110 - American Courts and Judicial Process 3
- CRJ 4140 - Homeland Security Law 3
- CRJ 4320 - Juvenile Justice 3

Crime and Deviance

- CRJ 3100 - Fundamentals of Cybercrime 3
- CRJ 3440 - Crime Prevention 3
- CRJ 4050 - Criminal Profiling 3
- CRJ 4210 - Gangs in Society 3
- CRJ 4220 - White Collar Crime 3
- CRJ 4230 - Criminal Justice in Popular Culture 3
- CRJ 4250 - Serial Murder 3
- CRJ 4300 - Advanced Criminology 3

Complete six hours from:

- CRJ 3000-4999

*Upper Division Homeland Security concentration courses will meet the additional two course requirement.

Total Hours 24

Concentration Requirements

Lower Division Courses

- CRJ 2400 - Issues in Homeland Security 3

Total Hours 3

Upper Division Courses

Must take three (3) classes from area below

- CRJ 3030 - Terrorism and the Law 3
- CRJ 4040 - Global Jihad and U. S. Homeland Security 3
- CRJ 4125 - Intelligence Analysis 3
- CRJ 4140 - Homeland Security Law 3
- CRJ 4400 - Critical Issues in Border Security 3
- CRJ 4410 - Domestic Terrorism 3
- CRJ 4420 - International Terrorism 3

Total Hours 9

Free Electives

Students must complete twenty-seven (27) hours of additional coursework from any course offered.

Total Hours 27

Total Program Hours 120

National Security Studies (B.S.)

The National Security Studies major will cultivate analytical and critical thinking skills, open opportunities for career advancement, and prepare graduates for further academic endeavors. This major will foster opportunities for the general student body, active duty military personnel, and retired military personnel.

Program CIP Code

28.45.0902.00

Concentrations

- Corporate Security Concentration
- Geographic Information Systems Concentration
- Intelligence Concentration

Corporate Security Concentration

The National Security Studies major will cultivate analytical and critical thinking skills, open opportunities for career advancement, and prepare graduates for further academic endeavors. This major will foster career opportunities in intelligence, foreign affairs, corporate security, government security, geospatial analysis, and other areas of national security for both civilian students and military personnel (active-duty and retired).

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Requirements

- NSS 1010 - Introduction to National Security Studies 3
- NSS 2100 - Current and Emerging Threats to US Security 3
- POLS 2070 - International Politics 3
- **Complete one course from:**
- NSS 2010 - Research Methods in National Security Studies 3
- NSS 2200 - Introduction to Intelligence Analysis 3

Total Hours 12

Upper Division Requirements

- NSS 3000 - Comparative Security Issues 3
- NSS 3600 - Global vs Regional Power Conflicts 3
- NSS 4990 - National Security Studies Capstone 3

Total Hours 9

Major Guided Electives

Strategic Studies

Complete nine hours from:

- NSS 3100 - Conflict Management and Peace Operations 3
 - NSS 3420 - Genocide and International Crimes 3
 - NSS 3130 - NATO and Alliance Management 3
- OR**

- POLS 3120 - European Politics 3
- NSS 3410 - International Law and Warfare 3
- OR
- CRJ 4420 - International Terrorism 3
- NSS 3610 - The State, Society, and the Modern Military 3
- OR
- POLS 3040 - U.S. Defense Policy 3
- NSS 4100 - International Diplomacy 3
- OR
- POLS 3020 - American Foreign Policy 3
- NSS 4590 - Special Regional Topics 3
- OR
- POLS 3010 - Comparative Politics 3
- OR
- POLS 3120 - European Politics 3
- NSS 4600 - Fundamentals of War 3
- OR
- GEOG 3930 - Natural Hazards in Environment 3
- NSS 4890 - Special Topics in US National Security 3
- OR
- POLS 3190 - Russian Politics and Government 3
- NSS 4860 - National Security Studies Internship and Practicum 1-12
- OR
- NSS 4900 - Directed Individual Study in National Security Studies 1-4

Total Hours 9

Concentration Requirements

Upper Division Requirements

Complete nine hours from:

- CRJ 3140 - Private Security and the Law 3
- NSS 3300 - Political Risk Analysis 3
- NSS 3310 - Corporate Security 3
- NSS 4300 - Nuclear Assets & Human Security 3
- NSS 4390 - Special Topics in Corporate Security 3

Total Hours 9

Free Electives

Total Hours 39

Total Hours 120

Geographic Information Systems Concentration

The National Security Studies major will cultivate analytical and critical thinking skills, open opportunities for career advancement, and prepare graduates for further academic endeavors. This major will foster career opportunities in intelligence, foreign affairs, corporate security, government security, geospatial analysis, and other areas of national security for both civilian students and military personnel (active-duty and retired).

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Requirements

- NSS 1010 - Introduction to National Security Studies 3
- NSS 2100 - Current and Emerging Threats to US Security 3
- POLS 2070 - International Politics 3
- **Complete one course from:**
- NSS 2010 - Research Methods in National Security Studies 3
- NSS 2200 - Introduction to Intelligence Analysis 3

Total Hours 12

Upper Division Requirements

- NSS 3000 - Comparative Security Issues 3
- NSS 3600 - Global vs Regional Power Conflicts 3
- NSS 4990 - National Security Studies Capstone 3

Total Hours 9

Major Guided Electives

Strategic Studies

Complete nine hours from:

- NSS 3100 - Conflict Management and Peace Operations 3
 - NSS 3420 - Genocide and International Crimes 3
 - NSS 3130 - NATO and Alliance Management 3
- OR**

- POLS 3120 - European Politics 3
- NSS 3410 - International Law and Warfare 3
- OR
- CRJ 4420 - International Terrorism 3
- NSS 3610 - The State, Society, and the Modern Military 3
- OR
- POLS 3040 - U.S. Defense Policy 3
- NSS 4100 - International Diplomacy 3
- OR
- POLS 3020 - American Foreign Policy 3
- NSS 4590 - Special Regional Topics 3
- OR
- POLS 3010 - Comparative Politics 3
- OR
- POLS 3120 - European Politics 3
- NSS 4600 - Fundamentals of War 3
- OR
- GEOG 3930 - Natural Hazards in Environment 3
- NSS 4890 - Special Topics in US National Security 3
- OR
- POLS 3190 - Russian Politics and Government 3
- NSS 4860 - National Security Studies Internship and Practicum 1-12
- OR
- NSS 4900 - Directed Individual Study in National Security Studies 1-4

Total Hours 9

Concentration Requirements

Upper Division Requirements

- GEOG 3150 - Geographic Information Systems I 3
- GEOG 3151 - Geographic Information Systems I Lab 1
- GEOG 3250 - Geographic Information Systems II 2
- GEOG 3251 - Geographic Information Systems II Lab
- Complete one from:**
- GEOG 3920 - Field Mapping and Global Positioning System 3
- GEOG 4260 - Remote Sensing 3 / GEOG 4261 - Remote Sensing Lab 1

Total Hours 10-11

Free Electives

Total Hours 37-38

Total Hours 120

Intelligence Concentration

The National Security Studies major will cultivate analytic and critical thinking skills, open opportunities for career advancement, and prepare graduates for further academic endeavors. This major will foster career opportunities in intelligence, foreign affairs, corporate security, government security, geospatial analysis, and other areas of national security for both civilian students and military personnel (active-duty and retired).

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Requirements

- NSS 1010 - Introduction to National Security Studies 3
- NSS 2100 - Current and Emerging Threats to US Security 3
- POLS 2070 - International Politics 3
- **Complete one course from:**
- NSS 2010 - Research Methods in National Security Studies 3
- NSS 2200 - Introduction to Intelligence Analysis 3 (Required for Intelligence Concentration)

Total Hours 12

Upper Division Requirements

- NSS 3000 - Comparative Security Issues 3
- NSS 3600 - Global vs Regional Power Conflicts 3
- NSS 4990 - National Security Studies Capstone 3

Total Hours 9

Major Guided Electives

- **Complete nine hours from:**
- NSS 3100 - Conflict Management and Peace Operations 3
- NSS 3420 - Genocide and International Crimes 3
- NSS 3130 - NATO and Alliance Management 3
- **OR**
- POLS 3120 - European Politics 3

- NSS 3410 - International Law and Warfare 3
- OR**
- CRJ 4420 - International Terrorism 3
- NSS 3610 - The State, Society, and the Modern Military 3
- OR**
- POLS 3040 - U.S. Defense Policy 3
- NSS 4100 - International Diplomacy 3
- OR**
- POLS 3020 - American Foreign Policy 3
- NSS 4590 - Special Regional Topics 3
- OR**
- POLS 3010 - Comparative Politics 3
- OR**
- POLS 3120 - European Politics 3
- NSS 4600 - Fundamentals of War 3
- OR**
- GEOG 3930 - Natural Hazards in Environment 3
- NSS 4890 - Special Topics in US National Security 3
- OR**
- POLS 3190 - Russian Politics and Government 3
- NSS 4860 - National Security Studies Internship and Practicum 1-12
- OR**
- NSS 4900 - Directed Individual Study in National Security Studies 1-4

Total Hours 9

Concentration Requirements

Complete nine hours from:

- NSS 2250 - The U.S. Intelligence Community 3
- NSS 3200 - Critical Thinking Skills for Intelligence 3
- NSS 3250 - The Intelligence Cycle 3
- NSS 4200 - Structured Analytic Techniques 3
- NSS 4290 - Special Topics in Intelligence 3

Total Hours 9

Free Electives

Total Hours 39

Total Hours 120

Criminal Justice Minor

The Criminal Justice Minor is designed for students who want to work in law, law enforcement, corrections, victim advocacy, social services, or governmental organizations. The minor allows students to selectively focus on important foundation areas including the basics of the criminal justice system, research methods, theory, and law. This minor is a logical compliment to many majors in other social and behavioral sciences, but may be combined with any major offered throughout the university. This minor cannot be combined with a Criminal Justice Major.

Minor Requirements

Lower Division Courses

- CRJ 1010 - Introduction to Criminal Justice 3

Total Hours 3

Minor Guided Electives

Complete 15 hours of CRJ 1000 - 4999 coursework with at least 12 hours from 3000 - 4999 level courses.

Total Hours 15

Total Minor Hours 18

Homeland Security Minor

Department of Criminal Justice

Location: Clement Bldg., Room 108 or

Fort Campbell Center, Bldg. 203, Room 211

Phone: 931-221-1480

Email: criminaljustice@apsu.edu

Website: www.apsu.edu/criminal-justice

The Homeland Security Minor consists of one required core course (CRJ 2400 Terrorism Understanding) with an additional five courses chosen from the list below. No more than 6 hours which count toward another major can be used for a minor in Homeland Security. Criminal Justice majors may not have both a Homeland Security Concentration and Homeland Security Minor.

Required Courses

Lower Division Courses

- CRJ 2400 - Issues in Homeland Security 3

Total Hours 3

Upper Division Courses

Select five (5) courses from the list below:

- AGRI 4110 - Agro-Terrorism 3
- CRJ 3030 - Terrorism and the Law 3
- CRJ 4040 - Global Jihad and U. S. Homeland Security 3
- CRJ 4140 - Homeland Security Law 3
- CRJ 4125 - Intelligence Analysis 3
- CRJ 4410 - Domestic Terrorism 3
- CRJ 4420 - International Terrorism 3
- CRJ 3430 - Management of Incidents 3
- CRJ 4030 - Comparative Criminal Justice/Homeland Security 3
- GSS 3020 - Global Strategic Studies 3
- PM 3006 - Weapons of Mass Destruction 3

Total Hours 15

Total Minor Hours 18

Department of Health and Human Performance

College of Behavioral and Health Sciences

Location: Dunn Center, 268

Phone: 931-221-6111

Website: www.apsu.edu/hhp/

Programs:

Bachelor of Science

- Health and Human Performance (B.S.)
- Kinesiology (B.S.)

Concentration

- Communication Sciences and Disorders Concentration
- Exercise Science Concentration
- Health Care Management Concentration
- K-12 Physical Education Teaching Concentration
- Pre-Professional Concentration
- Public Health Concentration
- Sport and Wellness Specialist Concentration

Minors (non-degree)

- Coaching Minor
- Health Minor
- Physical Education Minor
- Recreation Minor

Health and Human Performance (B.S.)

Location: Dunn Center, Room 268

Phone: 931-221-6111

Website: www.apsu.edu/hhp/

Description of Major

The Department of Health and Human Performance offers two majors: B.S. in Health and Human Performance (HHP) or B.S. in Kinesiology. The B.S. in HHP offers concentrations in Communication Sciences and Disorders, Health Care Management, K-12 Teaching, Public Health, and Sport and Wellness Specialist. The B.S. in Kinesiology offers two concentrations in Exercise Science or Pre-Professional. A minor is available in Coaching, Health, Physical Education, and Recreation. All students completing a major in Health and Human Performance must take the University Senior Exit Exam and the HHP Senior Exit Exam during the last semester of study at the University.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [K-12 Physical Education Teaching](#).

Program CIP Code

22.31.0501.00

Concentrations

- Communication Sciences and Disorders Concentration
- Health Care Management Concentration
- K-12 Physical Education Teaching Licensure
- Public Health Concentration
- Sport and Wellness Specialist Concentration

Communication Sciences and Disorders Concentration

A bachelor's degree in Health and Human Performance with a concentration in Communication Sciences and Disorders will prepare students for graduate education in audiology and speech-language pathology. The degree may also be a pathway for graduate study or careers in a variety of other fields such as healthcare, education, science, and public policy. The curriculum will combine academic courses and clinical education.

Program CIP Code

22.31.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Lower Division Courses

- CSDI 1030 - Introduction to Audiology 3
- CSDI 2020 - Language Development and Acquisition 3
- CSDI 2030 - Acoustics and Perception of Speech 3
- CSDI 2040 - Phonetics 2
- CSDI 2060 - Applied Anatomy and Physiology for Communication Sciences 3
- CSDI 2080 - Child Communication Disorders, Assessment and Treatment 3

Total Hours 17

Upper Division Courses

- CSDI 3000 - Guided Observations in Speech-Language Pathology 2
- CSDI 3020 - Neurological Basis of Communication Disorders 3
- CSDI 3030 - Aural Rehabilitation 3
- CSDI 3040 - Communication Disorders and the Exceptional Child 3
- CSDI 3060 - Adult Communication Disorders 3
- CSDI 3080 - American Sign Language I 3
- CSDI 4020 - Clinical Management of Communication Disorders 3
- CSDI 4025 - Clinical Experience 3
- CSDI 4030 - Legal, Ethical and Professional Issues in Communication Sciences and Disorders 2
- CSDI 4080 - Language Science 3

Total Hours 28

Free Electives

Total Hours 33

Total Program Hours 120

Health Care Management Concentration

The Health Care Management concentration provides students the opportunity to prepare for employment as a manager in nursing homes, hospitals, regional, state or local health departments, home health care agencies, health maintenance organizations, surgical care centers, insurance companies, physician group practices, and voluntary health agencies.

Program CIP Code

22.31.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

- HHP 2250 - Public Health Essentials 3
- PHIL 2300 - Medical Ethics 3
- ACCT 2001 - Foundations of Accounting 3

Total Hours 9

Upper Division Courses

- HHP 3000 - Health Care Management 3
- HHP 3450 - Health Issues of Special Populations 3
- HHP 3510 - Health Care Economics 3
- HHP 3630 - Health Care Financial Analysis 3
- HHP 3640 - Human Resources in Health Care 3
- HHP 4390 - Strategic Planning and Policy 3
- HHP 4500 - Epidemiology and Biostatistics 3
- HHP 4600 - Public Health Law 3

- MKT 3001 - Introduction to Marketing 3

Total Hours 27

Free Electives

Total Hours 42

Total Program Hours 120

K-12 Physical Education Teaching Licensure

Program CIP Code

22.31.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

- EDUC 2100 - Foundations of Education 3
- HHP 2020 - Teaching K-12 Fitness Education 3
- HHP 2030 - Youth and Adolescent Health 3
- HHP 2120 - Rhythmic Movement and Educational Gymnastics 3
- HHP 2240 - Introduction to Physical Education 3
- HHP 2900 - Planning and Assessment in Physical Education 1

Total Hours 16

Upper Division Courses

- EDUC 3001 - Educational Psychology - Secondary Education 3
- EDUC 3040 - Instructional Technology 3
- EDUC 4081 - Classroom Organization and Management - Secondary 3
- EDUC 4161 - Teaching Diverse Students 3
- EDUC 4271 - Classroom Evaluation and Assessment 3
- HHP 3010 - Adapted Physical Education 3
- HHP 3100 - Foundations of Kinesiology 3
- HHP 3155 - Teaching Individual and Dual 3
- HHP 3165 - Teaching Team Sports 3
- HHP 3210 - Methods and Materials in Physical Education for the Elementary School 3
- HHP 3211 - Methods and Materials in Physical Education for the Elementary School Lab 1
- HHP 4240 - Introduction to Motor Learning 3
- HHP 4400 - Teaching Health and Human Performance 3
- HHP 4450 - Teaching Strategies in Health 3
- RDG 4040 - Content Reading 3

Total Hours 43

Concentration Guided Electives

Complete three courses (9 hours) from:

- HHP 2000 - First Aid CPR and Safety 3
- HHP 2070 - Principles of Strength and Conditioning 3
- HHP 3030 - Nutrition: Science and Application 3
- HHP 3050 - Coaching Concepts and Issues 3
- HHP 3110 - Substance Use and Abuse 3
- HHP 3400 - Coordinated Approach to Child Health 3
- HHP 4040 - Sport Psychology 3
- HHP 4060 - Consumer Health 3
- HHP 4080 - Human Sexuality 3

Total Hours 9

Student Teaching

- EDUC 4950 - Undergraduate Student Teaching Seminar 2
Complete one from:
- EDUC 4410 - Undergraduate Student Teaching Grades K-3 5
- EDUC 4510 - Undergraduate Student Teaching Grades 4-5 5
Complete one from:
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4710 - Undergraduate Student Teaching Grades 9-12 5

Total Hours 12

Total Program Hours 122

Public Health Concentration

The Public Health concentration provides students the opportunity to prepare for entry level health educator or health facilitator positions in hospital settings, state, regional or local health departments, home health care agencies, health maintenance organizations, nursing homes, surgical care centers, insurance companies, physician groups, and voluntary health agencies.

Program CIP Code

22.31.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Required Concentration Courses

- HHP 2250 - Public Health Essentials 3
- HHP 2251 - Health Education Professions Orientation 1
- HHP 3000 - Health Care Management 3
- HHP 3055 - Program Planning and Evaluation I 3
- HHP 3450 - Health Issues of Special Populations 3
- HHP 3600 - Communication and Advocacy 3
- HHP 4010 - Health Education Theory and Practice 3
- HHP 4055 - Program Planning and Evaluation II 3
- HHP 4070 - Human Health and Disease 3
- HHP 4500 - Epidemiology and Biostatistics 3
- HHP 4800 - Capstone for Public Health 3
- HHP 4801 - CHES Exam Preparation 1

Total Hours 32

Concentration Electives

Complete one option from:

Option I

- HHP 440I - Internship in HHP 1 to 12
Complete six hours from the list below if choosing a 6 hour internship:

- COMM 1400 - Introduction to Public Relations 3
- COMM 3800 - Principles of Media Advertising 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4510 - Communication and Public Opinion 3
- HHP 2060 - Peer Health Education 3
- HHP 3025 - Emerging Global Health Issues 3
- HHP 3030 - Nutrition: Science and Application 3
- HHP 3110 - Substance Use and Abuse 3
- HHP 3400 - Coordinated Approach to Child Health 3
- HHP 4050 - Implementing Health Behavior Changes 3
- HHP 4060 - Consumer Health 3
- HHP 4080 - Human Sexuality 3
- HHP 4300 - Introduction to Stress Management 3
- POLS 2040 - Introduction to Public Policy 3
- POLS 4050 - Health Care Policy in the U.S. 3
- PSYC 3340 - Health Psychology 3
- PSYC 4150 - Principles of Behavior Analysis 4
- SOC 1040 - Social Problems 3
- SOC 2900 - Marriage and the Family 3
- SOC 3050 - Race and Ethnicity in a Multicultural Society 3
- SOC 3060 - Contemporary Issues in the Family 3
- SOC 3070 - Families Across Cultures 3
- SOC 3080 - Gender and Sexualities 3
- SOC 3150 - Social Psychology of Everyday Life 3
- SOC 3250 - Social Institutions 3
- SOC 3300 - Power, Privilege, and Global Inequality 3
- SOC 3700 - Health, Illness, and Medicine 3
- SOC 3750 - Population Dynamics 3

Option II

Choose 12 hours from the list below:

- COMM 1400 - Introduction to Public Relations 3
- COMM 3800 - Principles of Media Advertising 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4510 - Communication and Public Opinion 3
- HHP 2060 - Peer Health Education 3
- HHP 3025 - Emerging Global Health Issues 3
- HHP 3030 - Nutrition: Science and Application 3
- HHP 3110 - Substance Use and Abuse 3
- HHP 3400 - Coordinated Approach to Child Health 3
- HHP 4050 - Implementing Health Behavior Changes 3
- HHP 4060 - Consumer Health 3
- HHP 4080 - Human Sexuality 3
- HHP 4300 - Introduction to Stress Management 3
- POLS 2040 - Introduction to Public Policy 3
- POLS 4050 - Health Care Policy in the U.S. 3

- PSYC 3340 - Health Psychology 3
- PSYC 4150 - Principles of Behavior Analysis 4
- SOC 1040 - Social Problems 3
- SOC 2900 - Marriage and the Family 3
- SOC 3050 - Race and Ethnicity in a Multicultural Society 3
- SOC 3060 - Contemporary Issues in the Family 3
- SOC 3070 - Families Across Cultures 3
- SOC 3080 - Gender and Sexualities 3
- SOC 3150 - Social Psychology of Everyday Life 3
- SOC 3250 - Social Institutions 3
- SOC 3300 - Power, Privilege, and Global Inequality 3
- SOC 3700 - Health, Illness, and Medicine 3
- SOC 3750 - Population Dynamics 3

Total Hours 12

Free Electives

Total Hours 34

Total Program Hours 120

Sport and Wellness Specialist Concentration

The sport and wellness specialist concentration provides students the opportunity to prepare for positions in recreational settings such as local and state parks, recreation centers, athletic clubs, military associated recreational positions, YMCA settings, and selected private schools.

Program CIP Code

22.31.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

- HHP 2030 - Youth and Adolescent Health 3
- HHP 2240 - Introduction to Physical Education 3
- HHP 2500 - Foundations of Recreation 3

Total Hours 9

Upper Division Courses

- HHP 3010 - Adapted Physical Education 3
- HHP 3030 - Nutrition: Science and Application 3
- HHP 3100 - Foundations of Kinesiology 3
- HHP 3190 - Movement Education for Elementary Children 3
- HHP 4040 - Sport Psychology 3
- HHP 4080 - Human Sexuality 3
- HHP 4300 - Introduction to Stress Management 3

Total Hours 21

Concentration Guided Electives

Group 1: Complete one course from:

- LDSP 2100 - Foundations of Leadership Science 3
- HHP 2600 - Community Recreation 3
- HHP 3700 - Program Planning and Leadership in Recreation 3

Group 2: Complete one course from:

- HHP 3040 - Positive Mental Health and Happiness 3
- HHP 3110 - Substance Use and Abuse 3
- HHP 4050 - Implementing Health Behavior Changes 3
- HHP 4060 - Consumer Health 3
- HHP 4070 - Human Health and Disease 3

Group 3: Complete two courses from:

- HHP 2040 - Youth Sports: Trends and Issues 3
- HHP 3155 - Teaching Individual and Dual 3
- HHP 3165 - Teaching Team Sports 3
- HHP 4240 - Introduction to Motor Learning 3

Total Hours 18

Free Electives

Total Hours 39

Total Program Hours 120

Kinesiology (B.S.)

Location: Dunn Center, Room 268

Phone: 931-221-6111

Website: www.apsu.edu/hhp/

Program Description

The Bachelor of Science in Kinesiology offers two concentrations; Exercise Science and Pre-professional. Both concentrations will prepare students to sit for the Exercise Physiologist Certification through the American College of Sports Medicine, the Certified Strength and Conditioning Specialist test through the National Strength and Conditioning Association, and prepare students for graduate study in Kinesiology or Exercise Science. The Pre-professional concentration will prepare students to apply for entry into professional programs such as Physical Therapy (PT), Occupational Therapy (OT), and/or Athletic Training.

Program CIP Code

22.31.0505.00

Concentrations

- Exercise Science Concentration
- Pre-Professional Concentration

Exercise Science Concentration

The Bachelor of Science in Kinesiology with a concentration in Exercise Science will prepare students to sit for the Exercise Physiologist Certification through the American College of Sports Medicine, the Certified Strength and Conditioning Specialist test through the National Strength and Conditioning Association, and prepare students for graduate study in Kinesiology or Exercise Science. The degree will be 120 credits hours to include an 18 credit hour major core to be shared with the second concentration that is being proposed concurrently. Additionally, the concentration will require 25 credit hours, 35 credit hours of general electives and 42 hours of General Education credit hours.

Program CIP Code

22.31.0505.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- HHP 1250 - Wellness Concepts and Practice 3
- MATH 1530 - Elements of Statistics 3

Major Core Requirements

Lower Division Courses

- HHP 2070 - Principles of Strength and Conditioning 3

Total Hours 3

Upper Division Courses

- HHP 3070 - Advanced Strength and Conditioning 3
- HHP 3300 - Anatomical Kinesiology 3
- HHP 4220 - Analysis of Movement 3
- HHP 4250 - Physiology of Exercise 3
- HHP 4350 - Health Risk Appraisal and Fitness Assessment 3

Total Hours 15

Concentration Requirements

Upper Division Courses

- HHP 3035 - Nutrition for Sport and Exercise 3
- HHP 4040 - Sport Psychology 3
- HHP 4550 - Pathophysiology and Exercise Prescription for Special Populations 3
- HHP 4700 - Research Applications in Exercise Science 3

Total Hours 12

Concentration Guided Electives

Choose 4 courses from:

- BIOL 3050 - General Microbiology 3
- BIOL 3051 - General Microbiology Lab 1
- BIOL 4160 - Human Physiology 3
- BIOL 4161 - Human Physiology Lab 1
- HHP 3030 - Nutrition: Science and Application 3
- HHP 3100 - Foundations of Kinesiology 3
- HHP 4050 - Implementing Health Behavior Changes 3
- HHP 4300 - Introduction to Stress Management 3
- HHP 4500 - Epidemiology and Biostatistics 3
- HHP 4750 - Evidence Based Practice in Sport Science 3
- LDSP 3030 - Organizational Team Building 3
- LDSP 3050 - Cultural Diversity in Organizations 3
- LDSP 3070 - Professional Development 3
- PSYC 3100 - Developmental Psychology 3
- PSYC 3340 - Health Psychology 3
- PSYC 4360 - Introduction to Psychopathology 3
- SOC 3700 - Health, Illness, and Medicine 3

Total Hours 12

Free Electives

Total Hours 36

Total Program Hours 120

Pre-Professional Concentration

The Bachelor of Science in Kinesiology with a concentration in Pre-professional will prepare students to sit for the Exercise Physiologist Certification through the American College of Sports Medicine, the Certified Strength and Conditioning Specialist test through the National Strength and Conditioning Association, and prepare students for graduate study in Kinesiology or Exercise Science. This concentration is for students typically interested in furthering their education in physical therapy, occupational therapy, or physician assistant professional programs. Students who are interested in the Pre-professional concentration will be required to apply to the concentration. The requirements to be admitted are: 1. Earned at least 30 undergraduate hours. 2. Earned at least a 3.0 cumulative GPA. 3. Earned at least a B or higher in Math 1530. 4. Earned at least a B or higher in Biology 2010/2011. Students who designate the B.S. in Kinesiology as their major will adhere to APSU retention and graduation policies as published in the APSU Bulletin. * If interested in this Concentration please speak to your Academic Advisor * Comment: Students will graduate with precisely 33 upper-division hours with the proposed changes (previously 34).

Program CIP Code

22.31.0505.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- HHP 1250 - Wellness Concepts and Practice 3
- MATH 1530 - Elements of Statistics 3

Major Core Requirements

Lower Division Courses

- HHP 2070 - Principles of Strength and Conditioning 3

Total Hours 3

Upper Division Courses

- HHP 3070 - Advanced Strength and Conditioning 3
- HHP 3300 - Anatomical Kinesiology 3
- HHP 4220 - Analysis of Movement 3
- HHP 4250 - Physiology of Exercise 3
- HHP 4350 - Health Risk Appraisal and Fitness Assessment 3

Total Hours 15

Concentration Requirements

Lower Division Requirements

- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1
- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1
- PHYS 2010 - College Physics I 3
- PHYS 2011 - College Physics I Lab 1
- PHYS 2020 - College Physics II 3
- PHYS 2021 - College Physics II Lab 1
- MATH 1730 - Precalculus 4

Total Hours 28

Upper Division Requirements

- HHP 4550 - Pathophysiology and Exercise Prescription for Special Populations 3
- HHP 4700 - Research Applications in Exercise Science 3

Total Hours 6

Concentration Guided Electives

Complete four of the following Exercise Science Electives:

- BIOL 3050 - General Microbiology 3
- BIOL 3051 - General Microbiology Lab 1
- BIOL 4160 - Human Physiology 3
- BIOL 4161 - Human Physiology Lab 1
- HHP 3030 - Nutrition: Science and Application 3

- HHP 3100 - Foundations of Kinesiology 3
- HHP 4040 - Sport Psychology 3
- HHP 4050 - Implementing Health Behavior Changes 3
- HHP 4300 - Introduction to Stress Management 3
- HHP 4500 - Epidemiology and Biostatistics 3
- HHP 4750 - Evidence Based Practice in Sport Science 3
- LDSP 3030 - Organizational Team Building 3
- LDSP 3050 - Cultural Diversity in Organizations 3
- LDSP 3070 - Professional Development 3
- PSYC 3100 - Developmental Psychology 3
- PSYC 3340 - Health Psychology 3
- PSYC 4360 - Introduction to Psychopathology 3
- SOC 3700 - Health, Illness, and Medicine 3

Total Hours 12

Free Electives

Total Hours 14

Total Program Hours 120

Coaching Minor

Department of Health and Human Performance

Location: Dunn Center, Room 268

Phone: 931-221-6111

Website: www.apsu.edu/hhp/

The coaching minor is for students who have an interest in seeking community or public/private school coaching opportunities

Minor Requirements

- HHP 3050 - Coaching Concepts and Issues 3
- HHP 3100 - Foundations of Kinesiology 3
- HHP 4040 - Sport Psychology 3
- HHP 4240 - Introduction to Motor Learning 3
- **Select two (2) courses from the list below**
- HHP 3035 - Nutrition for Sport and Exercise 3
- HHP 3155 - Teaching Individual and Dual 3
- HHP 3165 - Teaching Team Sports 3
- LDSP 2100 - Foundations of Leadership Science 3
- PSYC 4060 - Group Dynamics 3
- SOC 3250 - Social Institutions 3
- SOC 3500 - Sport and Society 3

Total Hours 12

Minor Guided Electives

Complete two courses from:

- HHP 3035 - Nutrition for Sport and Exercise 3
- HHP 3155 - Teaching Individual and Dual 3
- HHP 3165 - Teaching Team Sports 3
- LDSP 2100 - Foundations of Leadership Science 3
- PSYC 4060 - Group Dynamics 3
- SOC 3250 - Social Institutions 3
- SOC 3500 - Sport and Society 3

Total Hours 6

Total Hours 18

Health Minor

The health minor allows students to acquire health content knowledge in an area of interest. Students may want to study a particular health issue of interest through the health minor courses to broaden their depth of knowledge. The minor consists of 18 semester hours, of which at least 12 hours must be upper division (i.e. 3000 or 4000 level courses).

Minor Requirements

Complete 18 hours from the courses below (at least 12 hours must be in courses numbered 3000-4999)"

- HHP 1250 - Wellness Concepts and Practice 3
- HHP 2000 - First Aid CPR and Safety 3
- HHP 2030 - Youth and Adolescent Health 3
- HHP 2250 - Public Health Essentials 3
- HHP 3000 - Health Care Management 3
- HHP 3030 - Nutrition: Science and Application 3
- HHP 3040 - Positive Mental Health and Happiness 3
- HHP 3100 - Foundations of Kinesiology 3
- HHP 3110 - Substance Use and Abuse 3
- HHP 3190 - Movement Education for Elementary Children 3
- HHP 3300 - Anatomical Kinesiology 3
- HHP 3450 - Health Issues of Special Populations 3
- HHP 3600 - Communication and Advocacy 3
- HHP 4050 - Implementing Health Behavior Changes 3
- HHP 4060 - Consumer Health 3
- HHP 4070 - Human Health and Disease 3
- HHP 4080 - Human Sexuality 3
- HHP 4300 - Introduction to Stress Management 3
- HHP 4500 - Epidemiology and Biostatistics 3
- HHP 4600 - Public Health Law 3
- PSYC 4010 - Death, Dying and Bereavement 3

Total Program Hours 18

Physical Education Minor

Department of Health and Human Performance Location: Dunn Center, Room 268 Phone: 931-221-6111 Website: www.apsu.edu/hhp/ The physical education minor offers a collection of activity and content based courses for someone who has an interest physical education. Completion of the 18 credit minor does not meet Tennessee licensure requirements.

Required Courses

- HHP 2120 - Rhythmic Movement and Educational Gymnastics 3
- HHP 2240 - Introduction to Physical Education 3
- HHP 3155 - Teaching Individual and Dual 3
- HHP 3165 - Teaching Team Sports 3
- HHP 4040 - Sport Psychology 3

Total Hours 15

Minor Guided Electives

Complete one course from:

- HHP 1250 - Wellness Concepts and Practice 3
- HHP 2000 - First Aid CPR and Safety 3
- HHP 3010 - Adapted Physical Education 3
- HHP 3100 - Foundations of Kinesiology 3
- HHP 3190 - Movement Education for Elementary Children 3
- HHP 3300 - Anatomical Kinesiology 3
- HHP 4240 - Introduction to Motor Learning 3

Total Hours 3

Total Hours 18

Recreation Minor

The purpose of the Recreation Minor is for students who have interest in pursuing a career providing recreational and leisure services in a number of settings within a community. All undergraduate degree seeking students are eligible to complete the minor which is 18 hours of prescribed courses.

Required Courses

- HHP 2010 - Technology Applications for Health and Human Performance 3
- HHP 2500 - Foundations of Recreation 3
- HHP 2600 - Community Recreation 3
- HHP 3700 - Program Planning and Leadership in Recreation 3

Total Hours 12

Minor Guided Electives

Complete six hours from:

- HHP 3040 - Positive Mental Health and Happiness 3
- HHP 4300 - Introduction to Stress Management 3
- LDSP 2100 - Foundations of Leadership Science 3
- LDSP 3010 - Management in Organizations 3
- LDSP 3030 - Organizational Team Building 3
- PSYC 3340 - Health Psychology 3

Total Hours 6

Total Program Hours 18

Department of Leadership

College of Behavioral and Health Sciences

Location: Clement Building 321B and 321H

Phone: 931-221-1465

Website: www.apsu.edu/leadership

The mission of the Department of Leadership is to offer online academic programs that address leadership-related theory, research, and practice grounded in the social and behavioral sciences, thereby helping students develop the leadership competencies needed to become formal or informal leaders and advance their careers in varied employment settings.

Programs:

Bachelor of Science

- Leadership Science (B.S.)

Concentration

- Leading Operations Concentration
- Leading People Concentration

Minors (non-degree)

- Leadership Science Minor

Leadership Science (B.S.)

Dr. Sue Evans

Chair, Department of Leadership

Professor

Location: Clement 143B

Phone: 931-221-1465 or 931-221-1437

Email: evanss@apsu.edu

Website: www.apsu.edu/leadership

The Bachelor of Science (B.S.) degree with a major in Leadership Science was developed around a conceptual model of leader development that is grounded in the social and behavioral sciences. The major consists of two components - a major core and a concentration. The major core seeks to develop in all students a set of knowledge, skills, and attitudes related to such topics as organizational ethics, cultural diversity, organizational behavior, communications, and strategic planning as these topics relate to leadership. In addition, students will develop the ability to consume primary research articles for insights on leader effectiveness. Lastly, students will have the opportunity to learn more about their own leadership potential and areas for self-development. The department offers two concentrations within the major in Leadership Science - Leading People and Leading Operations. For more information on these concentrations, see the links below.

Program CIP Code

28.45.0101.00

Concentrations

- [Leading People Concentration](#)
- [Leading Operations Concentration](#)

Leading Operations Concentration

Dr. Sue Evans
Chair, Department of Leadership
Professor
Location: Clement, 143B
Phone: 931-221-1465 or 931-221-1437
Email: evanss@apsu.edu
Website: www.apsu.edu/leadership

The Leading Operations concentration consists of courses that address some of the major systems and processes found in most organizations. Students will be exposed to foundational concepts associated with leading operations as well as in-depth exposure to such topics as information technology, legal processes, and financial measurement and analysis.

Program CIP Code

28.45.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- LDSP 2100 - Foundations of Leadership Science 3

Total Hours 3

Upper Division Courses

- LDSP 3100 - Organizational Dynamics 3
- LDSP 3050 - Cultural Diversity in Organizations 3
- LDSP 3060 - Organizational Ethics 3
- LDSP 3070 - Professional Development 3
- LDSP 3760 - Research Methods in Leadership Science 3
- LDSP 4020 - Written Professional Communication 3
- LDSP 4400 - Strategic Leadership and Planning 3

Total Hours 21

Concentration Requirements

Upper Division Courses

- LDSP 3090 - Survey of the Legal Process 3
- LDSP 3240 - Financial Measurement, Analysis, and Reporting 3
- LDSP 4200 - Leadership, Technology, and Change 3

Total Hours 9

Concentration Guided Electives

- Any LDSP courses 6

Total Hours 6

Free Electives

- Select thirty-nine (39) hours of free electives 39

Total Hours 39

Total Program Hours 120

Leading People Concentration

Dr. Sue Evans
Chair, Department of Leadership
Professor
Location: Clement 143B
Phone: 931-221-1465 or 931-221-1437
Email: evanss@apsu.edu
Website: www.apsu.edu/leadership

The Leading People concentration consists of courses designed to present students with content and insights related to leading individuals and teams in organizations. Students will be exposed to foundational leadership concepts and in-depth treatment of such topics as team-building, judgment and decision making, and leadership and the uses of power.

Program CIP Code

28.45.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- LDSP 2100 - Foundations of Leadership Science 3

Total Hours 3

Upper Division Courses

- LDSP 3050 - Cultural Diversity in Organizations 3
- LDSP 3060 - Organizational Ethics 3
- LDSP 3070 - Professional Development 3
- LDSP 3100 - Organizational Dynamics 3
- LDSP 3760 - Research Methods in Leadership Science 3
- LDSP 4020 - Written Professional Communication 3
- LDSP 4400 - Strategic Leadership and Planning 3

Total Hours 21

Concentration Requirements

Upper Division Courses

- LDSP 3030 - Organizational Team Building 3
- LDSP 3130 - Judgment and Decision Making
- LDSP 3150 - Leadership and Power 3

Total Hours 9

Concentration Guided Electives

- Any LDSP prefix courses or chair approved options outside the major 6

Total Hours 6

Free Electives

- Select thirty-nine (39) hours of free electives 39

Total Hours 39

Total Program Hours 120

Leadership Science Minor

Dr. Sue Evans
Chair, Department of Leadership
Professor
Location: Clement 143B
Phone: 931-221-1465 or 931-221-1437
Email: evanss@apsu.edu
Website: www.apsu.edu/leadership

The Leadership Science Program shares and expands the science and practice of leadership to equip current and future leaders. The program offers both individual courses and an 18-hour minor that bring together theory, research, and practice for students who wish to complement their major with the study of leadership. Open to all university students regardless of major, the curriculum is designed to expand students' learning experiences, enhance their career prospects, and enrich their personal and professional lives.

Students must complete 18 hours overall and a minimum of 12 hours of LDSP prefix courses to earn a minor in Leadership Science.

Required Courses

Lower Division Courses

- LDSP 2100 - Foundations of Leadership Science 3

Total Hours 3

Leadership Electives

Complete nine hours from:

- LDSP 3010 - Management in Organizations 3
- LDSP 3030 - Organizational Team Building 3
- LDSP 3050 - Cultural Diversity in Organizations 3
- LDSP 3060 - Organizational Ethics 3
- LDSP 3070 - Professional Development 3
- LDSP 3100 - Organizational Dynamics 3
- LDSP 3110 - Innovation and Creativity 3
- LDSP 3120 - Developing Leaders in Organizations 3
- LDSP 3130 - Judgment and Decision Making
- LDSP 3140 - Leadership as Social Influence
- LDSP 3150 - Leadership and Power 3
- LDSP 3760 - Research Methods in Leadership Science 3
- LDSP 4020 - Written Professional Communication 3
- LDSP 4200 - Leadership, Technology, and Change 3
- LDSP 4400 - Strategic Leadership and Planning 3
- LDSP 4610 - Emerging Issues in Leadership

- LDSP 4980 - Leadership Philosophies 3

Total Hours 9

Minor Guided Electives

Complete six hours from:

- LDSP 3010 - Management in Organizations 3
- LDSP 3030 - Organizational Team Building 3
- LDSP 3050 - Cultural Diversity in Organizations 3
- LDSP 3060 - Organizational Ethics 3
- LDSP 3070 - Professional Development 3
- LDSP 3100 - Organizational Dynamics 3
- LDSP 3110 - Innovation and Creativity 3
- LDSP 3120 - Developing Leaders in Organizations 3
- LDSP 3130 - Judgment and Decision Making
- LDSP 3140 - Leadership as Social Influence
- LDSP 3150 - Leadership and Power 3
- LDSP 3760 - Research Methods in Leadership Science 3
- LDSP 4020 - Written Professional Communication 3
- LDSP 4200 - Leadership, Technology, and Change 3
- LDSP 4400 - Strategic Leadership and Planning 3
- LDSP 4610 - Emerging Issues in Leadership
- LDSP 4980 - Leadership Philosophies 3
- COMM 4020 - Communication in Organizations 3
- COMM 4410 - Conflict Resolution and Negotiation 3
- HHP 3000 - Health Care Management 3
- HHP 3060 - Team Building and Team Dynamics 3
- HHP 4300 - Introduction to Stress Management 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MGT 3110 - Organization Behavior and Theory 3
- MGT 3270 - Negotiating and Conflict Resolution 3
- MGT 3280 - Managing Employee Performance 3
- MGT 4010 - Evolution of Management Thought 3
- MSL 1010 - Leadership and Management Skills I 2
- MSL 1020 - Leadership and Management Skills II 2
- MSL 2030 - Leaders Training Course 3
- PELP 1000 - Freshman Seminar 1
- PELP 1020 - Argument and Persuasion 1
- PELP 2010 - The Ethics of Leadership 1
- PELP 2020 - Leadership Communication Skills 1
- PELP 3010 - Problem Solving in Leadership 1
- PELP 3020 - Great Leaders 1
- PELP 4010 - Special Topics in Leadership 1
- PM 3200 - Public Sector Management 3
- PM 3400 - Women and Administration 3
- POLS 3760 - Methods of Research 3

- POLS 4220 - Political Leadership 3
- PSYC 3180 - Research Methods 3
- PSYC 4030 - Introduction to Occupational Health Psychology 3
- PSYC 4060 - Group Dynamics 3
- PSYC 4444 - Cross Cultural Psychology 3
- PSYC 4500 - Introduction to Industrial-Organizational Psychology 3
- SOC 3050 - Race and Ethnicity in a Multicultural Society 3
- SOC 3760 - Methods of Social Research 3
- SOC 4300 - Work, Occupations, and Society 3

Total Hours 6

Total Minor Hours 18

Department of Military Science

College of Behavioral and Health Sciences

Location: Memorial Health Building

Phone: 931-221-6156

Website: www.apsu.edu/rotc/

Army Reserve Officer Training Corps (ROTC)

The Senior ROTC Program at APSU is an elective set of courses resulting in a Military Science minor and commission as an Army officer. Enrollment in freshman or sophomore courses does not obligate the student in any way to military service. The program emphasizes instruction in the development of leadership skills and managerial abilities. It provides qualified men and women who desire to serve their country the opportunity to do so as officers in the United States Army, Army Reserve, or National Guard. Scholarships are available to include nursing students. All classes and leadership labs are offered at APSU.

Program Information

The ROTC program is divided into the Basic Course (freshman and sophomore years) and the Advanced Course (junior and senior years). There is no military obligation incurred for enrollment in the Basic Course. After completing the Basic Course, qualified students can enroll in the Advanced Course. Students can also qualify for the Advanced Course if they have completed basic training in any military branch or attended MSL 2030. Training, uniforms, and books are paid for through the ROTC program.

In-College Scholarships

Tuition scholarships are available to qualified students. Selection is based upon performance to date, SAT and ACT scores, extracurricular activities, and leadership potential. For more information about Army ROTC, contact the Military Science Department at 931-221-6156 or via <http://www.apsu.edu/rotc/>. Military Science and Leadership Minor

Air Force Reserves Officers Training Corps (AFROTC)

Crosstown Agreement with Tennessee State University Effective December 1, 2017

The Air Force Reserve Officers Training Corps (AFROTC) provides pre-commission training for college men and women who desire to serve as commissioned officers in the United States Air Force or Space Force. When combined with the academic disciplines offered at the college level, the program provides the student a broad-based knowledge of management, leadership, and technical skills required for a commission and subsequent active duty service in the Air Force and Space Force. A minor in aerospace studies (reference number 304) is now available to students. Contact the aerospace studies advisor for course requirements. Graduates are commissioned as Second Lieutenants and are called to active duty within 60 days.

The Air Force Reserve Officer Training Corps (AFROTC) program is offered by Tennessee State University (TSU) in agreement with Austin Peay State University (APSU) as a crosstown agreement. APSU students who wish to pursue the crosstown agreement will apply for program admission to TSU at www.tnstate.edu/afrotc. Students entering into this program will not be charged tuition for the courses in question and will be given their textbooks as well as uniforms necessary to complete the program.

AFROTC Program/Scholarships

Enrolling in AFROTC

For application deadlines and instructions, go to www.tnstate.edu/afrotc/join. Call Detachment 790, (615) 963-5931/5979 if you need any assistance with the application process. The program provides training and education that will develop skills and attitudes vital to the professional Air Force and Space Force officer. In this program, students are eligible to compete for scholarships (3.0+ GPA) that cover the cost of tuition and textbooks, and provide scholarship cadets with a monthly stipend.

Curriculum

Please note the courses below are offered through instruction by TSU. Students pursuing this course of study will be enrolled full-time at APSU and will complete the Air Force ROTC program courses with TSU. Please note the AFROTC courses are sequenced by subject area for specific and logical reasons.

The General Military Course (GMC) is 1 credit hour and is composed of the first four semesters of aerospace studies and is for freshmen and sophomores. The Professional Officer Course (POC) is 3 credit hours and constitutes the final four semesters of AFROTC study for juniors and seniors. The Leadership Lab is also 1 credit hour. Students who participate in Air Force ROTC are jointly enrolled as a TSU student and participate in Aerospace Studies (Air Force ROTC) at TSU. For more information, contact the unit admissions officer at (615) 963-5931/5979 or check our website at www.tnstate.edu/afrotc. All curriculum / Courses are determined by the AFROTC.

Aerospace Studies Courses

Freshman Year: AS 100 - Heritage and Values of the United States Air Force and Space Force is a survey course designed to introduce students to the United States Air Force and Space Force. This class provides an overview of the role of military in U.S. society, military history, officership, professionalism, core values, career opportunities, and customs/courtesies. Freshman Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing followership experiences.

Sophomore Year: AS 200 - Team and Leadership Fundamentals focuses on laying the foundation for teams and leadership. The topics include development/deployment of air power, leadership and quality principles, ethics and values, leadership development based on student participation in group problem solving, as well as oral/written communication development. The purpose of this course is to instill a leadership mindset and to motivate sophomore students to transition from an AFROTC cadet to AFROTC officer candidate. Sophomore Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing followership experiences.

Junior Year: AS 300 - Leading People and Effective Communication teaches cadets advanced skills and knowledge in management and leadership. Special emphasis is placed on enhancing leadership skills and communication. Cadets have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors. A mandatory junior year Leadership Laboratory provides advanced leadership experiences and the opportunity to apply the leadership and management principles of this course.

Senior Year: AS 400 - National Security Affairs/Preparation for Active Duty is designed for college seniors and provides them with the foundation to understand their role as military officers in American society. It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level. The final semester provides information that will prepare the cadets for Active Duty. A mandatory senior year Leadership

Laboratory provides advanced leadership experiences and the opportunity to apply the leadership and management principles of this course.

Programs:

Minors (non-degree)

- Military Science and Leadership Minor

Military Science and Leadership Minor

Department of Military Science & Leadership

Memorial Health Building

Phone: (931) 221-6156

Toll Free: (800) 581-7394

Fax: (931) 221-6147

Minor Requirements

1. Four-Year Program:

- MSL 1010 - Leadership and Management Skills I 2
- MSL 1020 - Leadership and Management Skills II 2
- MSL 2010 - Intro to Tactical Skills I 2
- MSL 2020 - Introduction to Tactical Skills 2
- MSL 3010 - Tactical Leadership I 3
- MSL 3020 - Tactical Leadership II 3
- MSL 1001 - Summer Fitness Training 1 (course taken the same summer as MSL 3040)
- MSL 3040 - Leadership Development and Assessment Course 4
- MSL 4010 - Advanced Military Skills and Knowledge I 3
- MSL 4020 - Advanced Military Skills and Knowledge II 3
- **Select one History course below:**
- MSL 4050 - The U. S. Army's Role in U. S. History 3
- HIST 4026 - European Military History 1789-1945 3
- HIST 4510 - Era of the American Revolution 1763 to 1800 3
- HIST 4530 - The Civil War Era 1845 to 1865 3
- HIST 4700 - American Military History to 1919 3
- HIST 4710 - American Military History Since 1919 3

Total Hours 28

2. Two-Year Program for non-veterans:

- MSL 2030 - Leaders Training Course 3
- MSL 3010 - Tactical Leadership I 3
- MSL 3020 - Tactical Leadership II 3
- MSL 1001 - Summer Fitness Training 1 (course taken the same summer as MSL 3040)
- MSL 3040 - Leadership Development and Assessment Course 4
- MSL 4010 - Advanced Military Skills and Knowledge I 3
- MSL 4020 - Advanced Military Skills and Knowledge II 3
- **Select one History course below:**
- HIST 4026 - European Military History 1789-1945 3
- HIST 4510 - Era of the American Revolution 1763 to 1800 3
- HIST 4530 - The Civil War Era 1845 to 1865 3
- HIST 4700 - American Military History to 1919 3
- HIST 4710 - American Military History Since 1919 3

- MSL 4050 - The U. S. Army's Role in U. S. History 3

Total Hours 23

3. Two-Year Program for veterans:

- MSL 3010 - Tactical Leadership I 3
- MSL 3020 - Tactical Leadership II 3
- MSL 1001 - Summer Fitness Training 1 (**course taken the same summer as MSL 3040**)
- MSL 3040 - Leadership Development and Assessment Course 4
- MSL 4010 - Advanced Military Skills and Knowledge I 3
- MSL 4020 - Advanced Military Skills and Knowledge II 3
- **Select one History course below:**
- HIST 4026 - European Military History 1789-1945 3
- HIST 4510 - Era of the American Revolution 1763 to 1800 3
- HIST 4530 - The Civil War Era 1845 to 1865 3
- HIST 4700 - American Military History to 1919 3
- HIST 4710 - American Military History Since 1919 3
- MSL 4050 - The U. S. Army's Role in U. S. History 3

Total Hours 20

Department of Political Science and Public Management

College of Behavioral and Health Sciences

Location: Clement, 143

Phone: 931-221-7515

Website: www.apsu.edu/polysci

The Department of Political Science and Public Management offers a B.A. or B.S. in political science. No minor is required of political science majors, though they are free to pursue this option depending on their academic and career interests. The department also offers a minor in political science, a minor in international relations, and a pre-law minor. The major and minors can be completed in the classroom, online, or by taking courses from both formats. Courses cannot be counted twice in the major and any minor

Programs:

Bachelor of Arts

- Political Science (B.A.)

Bachelor of Science

- Political Science (B.S.)
- Public Management (B.S.)

Concentration

- Political Science Major B.A.
- Political Science Major B.S.
- Public Management Major

Minors (non-degree)

- Emergency Management Minor
- International Relations Minor
- Political Science Minor
- Pre-Law Minor
- Public Management Minor

Political Science (B.A.)

Department of Political Science and Public Management

Location: Clement Bldg., Room 143

Phone: 931-221-7515

Website: www.apsu.edu/polysci

Description of Major

The Political Science program is designed for students who want to work in campaigns and government; teach government and history in high school; or who want a traditional liberal arts major which prepares them to think critically and enter a wide variety of business and other nongovernmental organizations. Courses cannot be counted in both the major and minor. A departmental exit exam is required the last semester before graduation.

* For this degree a student must complete at least 39 hours upper division (3000-4999) credit hours.

* Six hours of foreign language at the intermediate-level are required for the B.A. degree. Students may be required to enroll in elementary-level, foreign language classes to satisfy the prerequisites for intermediate-level foreign language classes.

Program CIP Code

28.45.1001.00

Major

- Political Science Major B.A.

Political Science Major B.A.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Program CIP Code

28.45.1001.00

Major Requirements that Satisfy General Education

- MATH 1530 - Elements of Statistics 3 (is recommended but not required)
- POLS 2010 - American National Government 3

Major Core Requirements

Lower Division Courses

- POLS 2000 - Introduction to Politics 3
- POLS 2040 - Introduction to Public Policy 3 or PM 3235 - Public Policy Analysis
- POLS 2070 - International Politics 3

Total Hours 9

Upper Division Courses

- POLS 3000 - Foundations of Political Theory 3
- POLS 3010 - Comparative Politics 3
- POLS 3760 - Methods of Research 3 or PM 3760 - Methods of Research for Administration
- POLS 4999 - Senior Capstone Seminar 3

Total Hours 12

Major Guided Electives

Complete fifteen (15) credit hours of upper division POLS courses (excludes POLS 4540, 455A, 455B and 455A)

Total Hours 15

Free Electives

Total Hours 36

Total Program Hours 120

Political Science (B.S.)

Department of Political Science and Public Management

Location: Clement Bldg., Room 143

Phone: 931-221-7515

Website: www.apsu.edu/polysci

Description of Major

The Political Science program is designed for students who want to work in campaigns and government; teach government and history in high school; or who want a traditional liberal arts major which prepares them to think critically and enter a wide variety of business and other nongovernmental organizations. Courses cannot be counted in both the major and minor. A departmental exit exam is required the last semester before graduation.

* For this degree a student must complete at least 39 hours upper division (3000-4999) credit hours.

Program CIP Code

28.45.1001.00

Major

- Political Science Major B.S.

Political Science Major B.S.

Program CIP Code

28.45.1001.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- MATH 1530 - Elements of Statistics 3 (is recommended but not required)
- POLS 2010 - American National Government 3

Major Core Requirements

Lower Division Courses

- POLS 2000 - Introduction to Politics 3
- POLS 2040 - Introduction to Public Policy 3 or PM 3235 - Public Policy Analysis
- POLS 2070 - International Politics 3

Total Hours 9

Upper Division Courses

- POLS 3000 - Foundations of Political Theory 3
- POLS 3010 - Comparative Politics 3
- POLS 3760 - Methods of Research 3 or PM 3760 - Methods of Research for Administration
- POLS 4999 - Senior Capstone Seminar 3

Total Hours 12

Major Guided Electives

Complete fifteen (15) credit hours from POLS 3000-4999 (excludes POLS 4540, 455A, 455B, 455C)

Total Hours 15

Free Electives

Total Hours 42

Total Program Hours 120

Public Management (B.S.)

Department of Political Science and Public Management

Location: Clement Bldg., Room 143

Phone: 931-221-7515

Website: www.apsu.edu/public-management

Description of Major

The Public Management degree is available at the Clarksville Campus, Ft. Campbell location, and online. Through Austin Peay State University's Public Management program, you will gain the practical work experience -- and technical and managerial skills -- needed to succeed in a variety of leadership roles. Your courses and experiences will prepare you for careers in both public, quasi-public, and nonprofit sectors. In addition to coursework covering topics such as public personnel, public budgeting, organizational theory and behavior, urban planning, policy analysis and sector management, public management majors can choose any of the University's minors or select a concentration in criminal justice or general management. Our students graduate with a solid background in general areas of public management.

Program CIP Code

32.52.0206.00

Major

- Public Management Major

Public Management Major

Program CIP Code

32.52.0206.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- POLS 2010 - American National Government 3

Major Requirements

Upper Division Courses

- PM 3200 - Public Sector Management 3
- PM 3230 - Public Personnel Administration 3
- PM 3240 - Public Budgeting and Financial Management 3
- PM 4120 - Organizational Theory and Behavior 3
- **Complete one course from:**
- PM 3235 - Public Policy Analysis 3
- POLS 2040 - Introduction to Public Policy 3
- **Complete one course from:**
- POLS 3760 - Methods of Research 3
- PM 3760 - Methods of Research for Administration 3

Total Hours 18

Major Guided Electives

- Complete twenty-one (21) hours of Upper Division PM courses(excludes PM 4860 - Public Management Internship and Practicum which is work six credit hours)

Total Hours 21

Free Electives

- Complete thirty-nine (39) hours from any courses

Total Hours 39

Total Program Hours 120

Emergency Management Minor

The Minor in Emergency Management (EM) at Austin Peay State University was carefully developed based upon the Federal Emergency Management Agency (FEMA) subject-matter competency areas. APSU's EM Minor provides broad-based exposure to the body of knowledge of value and relevance to emergency responders/first responders as well as emergency administrators with regard to preparing, mitigating, and responding to the natural and human-made disasters and emergencies. The EM minor is geared to assist in the education, training and development of professional emergency managers with reference to help them acquire or develop the following skills: (1) knowledge of the full-range of natural and technological threats facing the United States, (2) awareness about systems and techniques for managing community vulnerabilities, (3) knowledge of hazard vulnerability analysis, hazard mitigation, recovery, and response, (4) communication skills inside and outside organizations, and (5) organizational (management) skills, including strategic planning, human resources, and political management skills.

Minor Requirements

- PM 2000 - Introduction to Emergency Management 3
- PM 3001 - Mitigation and Preparedness for Emergency Management 3
- PM 3002 - Response and Recovery for Emergency Management 3

Total Hours 9

Minor Guided Electives

Complete three courses from:

- PM 3003 - Managing At Risk Populations in Emergency Situations 3
- PM 3004 - Social Media Application to Emergency Management 3
- PM 3005 - Understanding the NIMS and ICS 3
- PM 3006 - Weapons of Mass Destruction 3
- PM 3007 - Continuity of Organizational Operations 3

Total Hours 9

Total Minor Hours 18

International Relations Minor

Department of Political Science and Public Management

Location: Clement, 143

Phone: 931-221-7515

Website: www.apsu.edu/polysci

The International Relations minor adds value to any major by providing the tools necessary for understanding and navigating an ever-changing global environment. This minor is perfect for anyone interested in politics or the business world.

Minor Requirements

- POLS 2070 - International Politics 3
- POLS 3070 - Theories of International Relations 3
- POLS 4170 - Power, Morality, International Relations 3

Total Hours 9

Minor Guided Electives

Complete three (3) courses from the list below:

- ECON 4610 - International Economics 3
- POLS 3010 - Comparative Politics 3
- POLS 3020 - American Foreign Policy 3
- POLS 3040 - U.S. Defense Policy 3
- POLS 3060 - Terrorism and Counter-Terrorism 3
- POLS 3090 - The United Nations 3
- POLS 3110 - British Politics and Government 3
- POLS 3120 - European Politics 3
- POLS 3140 - Latin American Politics 3
- POLS 3160 - African Politics 3
- POLS 3180 - Middle East Politics 3
- POLS 3190 - Russian Politics and Government 3
- POLS 3200 - Politics and Government in China 3
- POLS 3300 - International Political Economy 3
- MGT 4110 - International Management 3

Total Hours 9

Total Minor Hours 18

Political Science Minor

Department of Political Science and Public Management Location: Clement Bldg., Room 143 Phone: 931-221-7515

Website: www.apsu.edu/polysci The political science program at Austin Peay is designed for students who want to work in campaigns and government; teach government and history in high school; or who want a traditional liberal arts major which prepares them to think critically and enter a wide variety of business and other nongovernmental organizations. Our majors have many law courses to choose from and students who minor in pre-law are also prepared for law school and graduate school. Courses cannot be counted in both the major and minor. For the major, a departmental exit exam is required the last semester before graduation as well as the successful completion of the new senior capstone course.

Minor Requirements

- POLS 2010 - American National Government 3
- POLS 2040 - Introduction to Public Policy 3
or POLS 2000 - Introduction to Politics 3
- POLS 2070 - International Politics 3

Total Hours 12

Minor Guided Electives

Complete six hours from POLS 3000-4999

Total Hours 6

Total Hours 18

Pre-Law Minor

Department of Political Science and Public Management

Location: Clement Bldg., Room 143

Phone: 931-221-7515

Website: www.apsu.edu/polysci

This is a minor for Austin Peay State University undergraduate students who are interested entering law school upon graduation from the University. It is designed as an interdisciplinary minor that will draw on courses from the disciplines of political science, public management, and philosophy. This minor seeks to develop critical and analytical thinking skills that will prepare students for the Law School Admissions Test (LSAT) and law school.

Minor Requirements

- POLS 1002 - Introduction to Law 3
- **OR**
- PM 3140 - Introduction to the Legal Process 3
- POLS 2000 - Introduction to Politics 3
- POLS 4380 - American Constitutional Law 3

Total Hours 9

Minor Guided Electives

Select three (3) courses from the list below:

- PHIL 3060 - Applied Ethics 3
- PHIL 3900 - Informal, Categorical and Propositional Logic 3
- PHIL 4200 - Philosophy of Law 3
- POLS 2005 - Legal Research and Writing 3
- POLS 3000 - Foundations of Political Theory 3
- POLS 4330 - Women and the Law 3
- POLS 4390 - Judicial Policy and Courts 3
- PM 3150 - The American Criminal Justice System 3
- PM 3160 - Civil Rights and Civil Liberties 3
- PM 3170 - Criminal Law 3
- PM 3235 - Public Policy Analysis 3
- PM 4320 - Administrative Law 3

Total Hours 9

Total Hours for Minor 18

Public Management Minor

Department of Political Science and Public Management Location: Clement Bldg., Room 143 Phone: 931-221-7515

Website: www.apsu.edu/polysci The Public Management minor adds value to any major by providing the tools necessary where you will gain the practical work experience – and technical and managerial skills – needed to succeed in a variety of leadership roles. Your courses and experiences will prepare you for careers in both public, quasi-public, and nonprofit sectors. Students will develop an understanding of the core competencies of public management – political and financial processes, personnel administration, policy development and analysis, urban planning, and organizational theory and behavior – as they apply to a diverse workforce and citizenry. Our students graduate with a solid background in general areas of public management. Courses cannot be counted twice in the major and any minor.

Minor Requirements

- PM 3200 - Public Sector Management 3
- PM 3230 - Public Personnel Administration 3
- PM 3235 - Public Policy Analysis 3
- PM 3240 - Public Budgeting and Financial Management 3
- PM 3310 - Race and Cultures in Administration and Politics 3

Minor Guided Electives

Complete one course from PM 1000 - 4999

Total Hours 3

Total Hours 18

Department of Psychological Science and Counseling

College of Behavioral and Health Sciences

Location: Clement, 205

Phone: 931-221-7233

Website: www.apsu.edu/psychology

Psychology is the science of behavior and mental processes. The Department of Psychological Science & Counseling teaches students the empirical approach to understanding the mind and behavior within an environmental and cultural context. We challenge our undergraduate and graduate students to develop analytical and critical thinking skills necessary to become life-long learners as part of a comprehensive liberal arts education. We encourage our students to apply their knowledge of research and scholarship as ethical and productive members of the community. We serve the University's overall mission by contributing to a liberal arts education, by providing concentrated programs of study in psychology, and by contributing to the success of other programs of study. The vision of the psychology department is to be recognized throughout the region for the quality of its academic programs.

The Department of Psychological Science offers a Bachelor of Science (B.S.) degree in Psychological Science. We also offer a Minor in Psychology. In addition, psychological science is one of the departments that sponsor the interdisciplinary Occupational Health Psychology minor. The objective of the B.S. program is to provide the student with a firm foundation in basic psychological science. This includes knowledge of basic content areas, as well as the skills fundamental to all areas of psychology. The Psychological Science and Counseling Department has adopted the APA undergraduate psychology major learning goals and outcomes which cover:

- Knowledge base of psychology
- Scientific Inquiry and Critical Thinking
- Ethical and Social Responsibility in a Diverse World
- Communication skills
- Professional Development

A student completing the major in psychological science should be able to

- Conduct a search of psychological literature;
- Read and understand journal articles;
- Evaluate hypotheses or theories on the basis of empirical data;
- Design and conduct a research study; and
- Write a paper following APA style.

All students completing the psychological science major must take the University Senior Exit Exam and the Psychological Science Senior Exit Exam during the last semester of study at the University. For August graduation, this would take place during the Spring Semester.

Programs:

Bachelor of Science

- Psychological Science (B.S.)

Concentration

- Psychological Science Major

Minors (non-degree)

- Occupational Health Psychology Interdisciplinary Minor
- Psychological Science Minor

Psychological Science (B.S.)

Department of Psychological Science

Location: Clement Bldg., Room 205

Phone: 931-221-7233

Website: www.apsu.edu/psychology

Description of Major

Psychological Science is the science of behavior and mental processes. The objective of the program is to provide the student with a firm foundation in basic psychology. This includes knowledge of basic content areas, as well as the skills fundamental to all areas of psychology. The Department of Psychological Science and Counseling has adopted the APA undergraduate psychology major learning goals and outcomes which cover:

- Knowledge base of psychology
- Scientific Inquiry and Critical Thinking
- Ethical and Social Responsibility in a Diverse World
- Communication
- Professional Development

A student completing the major in psychological science should be able to

- Conduct a search of psychological literature;
- Read and understand journal articles;
- Evaluate hypotheses or theories on the basis of empirical data;
- Design and conduct a research study; and
- Write a paper following APA style.

Psychological Science majors may access a tentative two-year schedule, four-year plan, major & core requirements and the Psychology Undergraduate Handbook at www.apsu.edu/psychology/undergrad.aspx. This list represents the courses as the department hopes to offer them and is provided to help students with long-term planning. Psychological Science majors are required to meet with their advisors during pre-registration to ensure on-course tracking and successful fulfillment of graduation requirements. A departmental exit exam is required the last semester before graduation. August graduates will take the exit exam during May graduation period.

Program CIP Code

26.42.0101.00

Major

- Psychological Science Major

Psychological Science Major

The undergraduate program in psychological science offers a dynamic education to students of human behavior, providing them with exposure to basic psychological principles as well as the tools for making their own systematic observations of human thought, emotion, and behavior. The Mission of the program is to equip graduates with the ability to interpret the human experience through various levels of observation, taking into account such factors as neurobiology, cognitive processing, social influences, and cross-cultural differences.

Program CIP Code

26.42.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- MATH 1530 - Elements of Statistics 3
- PSYC 1030 - Introduction to Psychology 3

Major Core Requirements

Lower Division Courses

- PSYC 2010 - Statistics for the Behavioral Sciences 3

Total Hours: 3

Upper Division Courses

- PSYC 3010 - Learning and Motivation 4
or
PSYC 3040 - Cognitive Processes 4
- PSYC 3020 - Physiological Psychology 4
or
PSYC 3030 - Sensory Processes 4
- PSYC 3100 - Developmental Psychology 3
- PSYC 3180 - Research Methods 3
- PSYC 3220 - Psychology of Women 3

or

PSYC 3230 - African American Psychology 3

or

PSYC 4444 - Cross Cultural Psychology 3

- PSYC 3330 - Social Psychology 3
- PSYC 4350 - Psychology of Personality 3

or

PSYC 4360 - Introduction to Psychopathology 3

Total Hours: 23

Major Guided Electives

Select twelve (12) credit hours from the list below:

- PSYC 1050 - Psychology of Modern Culture 3
- PSYC 2210 - Human Interaction 3
- PSYC 3010 - Learning and Motivation 4
- PSYC 3020 - Physiological Psychology 4
- PSYC 3030 - Sensory Processes 4
- PSYC 3040 - Cognitive Processes 4
- PSYC 3050 - Career Development in Psychology 3
- PSYC 3110 - Child Development 3
- PSYC 3120 - Adult Development 3
- PSYC 3130 - Introduction to Educational Psychology 3
- PSYC 3140 - Infant and Toddler Development 3
- PSYC 3200 - Adolescent Development 3
- PSYC 3220 - Psychology of Women 3
- PSYC 3230 - African American Psychology 3
- PSYC 3290 - Introduction to Psychological Measurement 3
- PSYC 3340 - Health Psychology 3
- PSYC 3500 - Consumer Psychology 3
- PSYC 4000 - History and Systems of Psychology 3
- PSYC 4010 - Death, Dying and Bereavement 3
- PSYC 4020 - Introduction to Forensic Psychology 3
- PSYC 4025 - Wrongful Convictions 3
- PSYC 4030 - Introduction to Occupational Health Psychology 3
- PSYC 4050 - Introduction to Applied Psychopharmacology 3
- PSYC 4060 - Group Dynamics 3
- PSYC 4140 - Learning and Behavioral Disorders 3
- PSYC 4150 - Principles of Behavior Analysis 4
- PSYC 4200 - Introduction to Nonprofit Grant Writing 3
- PSYC 4350 - Psychology of Personality 3
- PSYC 4360 - Introduction to Psychopathology 3
- PSYC 4370 - Introduction to Clinical and Counseling Psychology 3
- PSYC 4380 - Introduction to Military Psychology 3
- PSYC 4400 - Introduction to Clinical Neuropsychology 4
- PSYC 4444 - Cross Cultural Psychology 3

- PSYC 4500 - Introduction to Industrial-Organizational Psychology **3**
- PSYC 4610 - Special Topics **1-12**
- PSYC 4641 - Research Experience **1 to 12** *Only six (6) hours may be taken and only three (3) hours will count toward the Psyc Electives*
- PSYC 4840 - Honors Research **3**
- PSYC 4850 - Honors: Field Experience **1-6**

Total Hours: 12

Free Electives

- Select forty (40) hours of free electives **40**

Total Hours: 40

Total Program Hours: 120

Occupational Health Psychology Interdisciplinary Minor

Department of Psychological Science and Counseling

Location: Clement Bldg., Room 205

Phone: 931-221-7233

Website: www.apsu.edu/psychology

Occupational Health Psychology (OHP) addresses the application of psychological and health-related knowledge to improve the quality of work life, and to protect and promote the safety, health and well-being of workers. The National Institute of Occupational Safety and Health (NIOSH), a division of the Centers for Disease Control and Prevention (CDC), has urged that this field give special attention to the primary prevention of organizational risk factors for stress, illness, and injury at work. Courses in this interdisciplinary minor use the approach of various behavioral health disciplines to explore relevant theories, methodologies, and empirical research linking the psychosocial and physical work environment with overall employee health and well-being. According to NIOSH, topics typically addressed in OHP programs include:

- Survey of occupational safety and health
- Job stress theory and mechanisms
- Organizational risk factors for occupational stress, injury, and illness.
- Health implications of stressful work, including physical and psychological health, and social and economic outcomes.
- Organizational interventions (e.g., work redesign) and programs (e.g., employee assistance programs, work-family programs) for reduction of occupational stress, illness and injury.
- Research methods and practices in public/occupational health and epidemiology.

For advising, contact Dr. Adriane Sanders, Associate Professor of Psychological Science (sandersam@apsu.edu).

(18 hours, maximum of nine (9) from the same discipline)

Minor Requirements

- PSYC 4030 - Introduction to Occupational Health Psychology 3
- **Complete one Psychosocial Influences course from below:**
- HHP 3040 - Positive Mental Health and Happiness 3
- HHP 4300 - Introduction to Stress Management 3
- PSYC 3340 - Health Psychology 3
- SW 3420 - Human Behavior in the Social Environment 3
- **Complete one Macro-Organizational Influences course from below:**
- HHP 3450 - Health Issues of Special Populations 3
- HHP 4600 - Public Health Law 3
- LDSP 4400 - Strategic Leadership and Planning 3
- PSYC 4500 - Introduction to Industrial-Organizational Psychology 3
- PSYC 4120 - Human Factors 3
- SOC 4300 - Work, Occupations, and Society 3

Total Hours 9

Minor Guided Electives

Complete three courses not previously utilized:

- HHP 3040 - Positive Mental Health and Happiness 3
- HHP 3450 - Health Issues of Special Populations 3

- HHP 3640 - Human Resources in Health Care 3
 - HHP 4020 - Introduction to Occupational Safety and Health 3
 - HHP 4300 - Introduction to Stress Management 3
 - HHP 4600 - Public Health Law 3
 - LDSP 3030 - Organizational Team Building 3
 - LDSP 4400 - Strategic Leadership and Planning 3
 - PSYC 3340 - Health Psychology 3
 - PSYC 4120 - Human Factors 3
 - PSYC 4500 - Introduction to Industrial-Organizational Psychology 3
 - SOC 4300 - Work, Occupations, and Society 3
 - SW 3420 - Human Behavior in the Social Environment 3
 - SW 3550 - Medical Social Work 3
- Discipline-based research experience course (e.g., PSYC 4641, HHP 3643, LDSP 4820); requires permission of the instructor.

Total Hours 9

Total Program Hours 18

Psychological Science Minor

Department of Psychological Science and Counseling

Location: Clement Bldg., Room 205

Phone: 931-221-7233

Website: www.apsu.edu/psychology

The department houses a variety of laboratory facilities to provide learning and research opportunities. Laboratories for vision, cognitive development, animal learning and bio-psychology, and counseling skill development are available for faculty and student research and clinical practice. Rooms equipped with one-way observation windows, video and other monitoring equipment are available for counseling, assessment and testing, and human research. The department has arranged for intern and practicum experiences for our students with a variety of community agencies, organizations, and businesses.

Minor Requirements

- PSYC 1030 - Introduction to Psychology 3

Total Hours 3

Minor Guided Electives

Complete fifteen (15) hours of courses from PSYC 1000-4999. At least 12 hours must be in courses 3000-4999.

Total Hours 15

Total Hours 18

Department of Social Work

College of Behavioral and Health Sciences

Location: Clement Building, Room 103

Phone: 931-221-7730

Website: www.apsu.edu/socialwork

The Department of Social Work offers a professional program that prepares students as generalist social workers to work in a variety of social service agencies. In addition to the core courses, elective courses teach skills and knowledge for specific areas, such as aging, medical social work, school social work or child welfare. Students complete an internship at a field agency in their final semester. The program is fully accredited by the Council on Social Work Education.

Programs:

Bachelor of Science

- Social Work (B.S.W.)

Concentration

- Social Work Major

Social Work (B.S.W.)

Department of Social Work

Location: Clement Hall, Room 103

Phone: 931-221-7730

Website: www.apsu.edu/socialwork/

Description of Major

The Bachelor of Social Work degree (BSW) prepares students for entry-level generalist practice and/or for pursuit of the Master of Social Work (MSW), professionally regarded as the terminal practice degree. Austin Peay offers the BSW and MSW, both of which are accredited by the Council on Social Work Education (CSWE).

Social work is rooted in a liberal arts perspective informed by the general education curriculum and elective courses. The undergraduate social work knowledge base builds upon this core through developing an understanding of the heritage and history of the profession, an appreciation for the values and ethics that inform practice, theories that endeavor to explain and predict human behavior and the various social and cultural factors that influence human life and interactions, and the skills needed to implement this knowledge into intervening with both individuals and larger social systems.

BSW-prepared social workers are employed in state and county agencies, such as the Department of Children's Services, Adult Protective Services, local health departments, courts and the correction system, case management with adults and children who seek assistance with mental and/or physical challenges, schools, long-term care and other residential facilities, substance abuse prevention and treatment, and numerous other areas. One of the advantages of a career in social work is the possibility of changing practice venues without having to pursue an additional degree. Master's level social workers who become licensed have the additional options of medical social work, conducting therapy with individuals, groups, and families, and engaging in private practice.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Social Work](#).

Program CIP Code

27.44.0701.00

Major

- Social Work Major

Social Work Major

The baccalaureate Social Work Program is fully accredited by the Council on Social Work Education. In addition to the 58 semester hours of required Social Work courses, students take 42 semester hours from the Liberal Arts Core and 20 additional semester hours.

Program CIP Code

27.44.0701.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Course

- SW 2110 - Introduction to Social Work 3

Total Hours 3

Upper Division Courses

- SW 3400 - Generalist Social Work Practice 3
- SW 3410 - Values, Ethics and Diversity 3
- SW 3420 - Human Behavior in the Social Environment 3
- SW 3520 - Professional Writing for Social Work 3
- SW 3620 - Micro Social Work Practice 3
- SW 3630 - Macro Social Work Practice 3
- SW 3770 - Research Methods 3
- SW 4400 - Seminar for Field Instruction 1
- SW 4410 - Field Instruction 12
- SW 4411 - Field Instruction Concurrent Seminar 3
- SW 4430 - Social Policy 3
- SW 4440 - Law and Social Work 3
- SW 4720 - Senior Seminar 3

Total Hours 46

Major Guided Electives

Complete three (3) course from:

- SW 3430 - Elements of Rural Practice 3
- SW 3440 - Crisis Intervention 3
- SW 3460 - Community Mental Health: Policy and Practice 3
- SW 3470 - Techniques of Social Work for Groups 3
- SW 3480 - Living with HIV 3
- SW 3490 - Social Work and Aging 3
- SW 3495 - Social Work and Addictions 3
- SW 3500 - Youth Gangs and Juvenile Delinquency 3
- SW 3510 - Positive Social Work, Compassion Fatigue and Resiliency Theories 3
- SW 3520 - Professional Writing for Social Work 3
- SW 3530 - Social Work with the Military, Veterans and Families 3
- SW 3550 - Medical Social Work 3
- SW 3680 - Child Welfare I 3
- SW 3700 - Child Welfare II 3
- SW 3710 - School Social Work 3
- SW 4030 - Child and Adolescent Mental Health 3
- SW 4035 - Social Work with Children and Families 3
- SW 4040 - Social Work and Family Violence 3
- SW 4045 - Spirituality and Social Work 3
- SW 4050 - International Social Work 3
- SW 4900 - Selected Topics in Social Work 3

Total Hours 9

Free Electives

Total Hours 23

Total Hours 120

Department of Sociology and Community Development

College of Behavioral and Health Sciences

Location: McCord, 205

Phone: 931-221-7540

Website: www.apsu.edu/sociology

The Sociology and Community Development major exposes students to the systematic study of society in all of its forms ranging from the interaction of individuals to the dynamics of large organizations. The Sociology and Community Development major emphasizes the theoretical and applied aspects of the field. Students in this major will be able to apply a sociological perspective in a wide variety of careers in such sectors as research, business, healthcare administration, criminal justice, social services, community health and government. Since the discipline involves investigative skills and working with diverse groups, this major also provides a valuable foundation for careers in journalism, education, politics, public relations or public administration. Students majoring in Sociology and Community Development are provided the necessary preparation to pursue future graduate work in the social sciences ranging from the M.A. to the Ph.D. and the APSU Department of Sociology and Community Development has a strong track record for placing undergraduates in top graduate programs in Sociology and related social science disciplines. All majors are required to complete a departmental exit exam during the semester preceding graduation.

Programs:

Bachelor of Science

- Sociology and Community Development (B.S.)

Certificate

- Interdisciplinary Health and Social Justice Certificate

Concentration

- Sociology and Community Development Major

Minors (non-degree)

- Environmental Studies Minor
- Family Studies Minor
- Health and Social Justice Minor
- Sociology Minor

Sociology and Community Development (B.S.)

Department of Sociology and Community Development

Location: McCord Bldg., Room 205

Phone: 931-221-7540

Website: www.apsu.edu/sociology

The Sociology and Community Development major exposes students to the systematic study of society in all of its forms ranging from the interaction of individuals to the dynamics of large organizations. The Sociology and Community Development major emphasizes the theoretical and applied aspects of the field. Students majoring in sociology will be able to apply a sociological perspective in a wide variety of careers in such sectors as research, business, healthcare administration, criminal justice, social services, community health and government. Since the discipline involves investigative skills and working with diverse groups, sociology also provides a valuable foundation for careers in journalism, education, politics, public relations or public administration. Students majoring in sociology are provided the necessary preparation to pursue future graduate work in the social sciences ranging from the M.A. to the Ph.D. and the APSU Department of Sociology and Community Development has a strong track record for placing undergraduates in top graduate programs in sociology and related social science disciplines. All majors are required to complete a departmental exit exam during the semester preceding graduation.

Program CIP Code

28.45.1101.00

Major

- Sociology and Community Development Major

Sociology and Community Development Major

Program CIP Code

28.45.1101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- SOC 1010 - Introduction to Sociology 3

Major Core Requirements

Lower Division Courses

- SOC 1040 - Social Problems 3
- SOC 2550 - Foundations of Community Development 3

Total Hours 6

Upper Division Courses

- SOC 3110 - Dimensions of Fairness 3
- SOC 3740 - Professional Writing and Career Readiness 3
- SOC 3760 - Methods of Social Research 3
- SOC 3770 - Analysis and Assessment 3
- SOC 4000 - Sociological Theory 3
- SOC 4910 - Senior Capstone 3
- **Complete one course from:**
- SOC 3050 - Race and Ethnicity in a Multicultural Society 3
- SOC 3080 - Gender and Sexualities 3
- SOC 3300 - Power, Privilege, and Global Inequality 3

Total Hours 21

Major Guided Electives

Select nine (9) credit hours from the list below

- SOC 2500 - Cultural Anthropology 3
- SOC 2900 - Marriage and the Family 3
- SOC 3050 - Race and Ethnicity in a Multicultural Society 3
- SOC 3060 - Contemporary Issues in the Family 3
- SOC 3070 - Families Across Cultures 3
- SOC 3080 - Gender and Sexualities 3
- SOC 3150 - Social Psychology of Everyday Life 3
- SOC 3250 - Social Institutions 3
- SOC 3300 - Power, Privilege, and Global Inequality 3
- SOC 3700 - Health, Illness, and Medicine 3
- SOC 3750 - Population Dynamics 3
- SOC 440I - Sociology Internship 0 to 12
- SOC 4420 - Environmental Justice 3
- SOC 4850 - Sociology Service Learning 3
- SOC 4900 - Selected Topics in Sociology 3
- SOC 499A - Directed Individual Study 3

Total Hours 9

Free Electives

- Students will need to complete 42 credit hours of general electives

Total Hours 42

Total Program Hours 120

Interdisciplinary Health and Social Justice Certificate

Drawing from interdisciplinary perspectives, this 12 credit program is designed to highlight the systemic correlates of health, disease and healthcare. Students will develop an understanding of inequities in health outcomes related to race, ethnicity, class, gender, sexual identity, gender identity, and other sociocultural factors. Students will explore health consequences of chronic stress related to experiences of discrimination, oppression, poverty, working and living conditions. Through this program, students will critically analyze and strategize the roles of public health educators, practitioners and community members to promote health equity. Students will be required to take IHSJ 2500 - Health and Social Justice - and then choose three courses across three disciplines for a total of 12 credits.

Program CIP

28.45.1101.00

Certificate Requirements

- IHSJ 2500 - Health and Social Justice 3

Total Hours 3

Certificate Guided Electives

Complete three (3) course from:

- HHP 3450 - Health Issues of Special Populations 3
- HHP 3600 - Communication and Advocacy 3
- NURS 4005 - Social Justice through Health Policy 3
- NURS 4105 - A Social Justice Approach to Population Health and Preventive Measures 3
- PSYC 3220 - Psychology of Women 3
- PSYC 3340 - Health Psychology 3
- SOC 3700 - Health, Illness, and Medicine 3
- SOC 4420 - Environmental Justice 3

Total Hours 9

Total Program Hours 12

Environmental Studies Minor

Department of Sociology Location: McCord Bldg., Room 205 Phone: 931-221-7540 Website: www.apsu.edu/sociology The Environmental Studies minor is an interdisciplinary minor examining the interactive relationship between humans and the biophysical environment that produces challenges including water management, soil conservation, climate change, health concerns, environmental inequalities, and issues of development and sustainability. The Environmental Studies minor provides students with the conceptual tools and theoretical frameworks to address these challenges at both the global and local levels.

Minor Requirements

Complete one course (or lecture and lab) from:

- AGRI 1040 - Environmental Science 3
- AGRI 1041 - Environmental Science Lab 1
- GEOG 4040 - Sustainable Development 3
- SOC 3250 - Social Institutions 3

Total Hours 3-4

Minor Guided Electives

Complete 14 - 15 hours from:

- AGRI 3000 - Conservation 3
- AGRI 4110 - Agro-Terrorism 3
- AGRI 4230 - Land Use 3
- BIOL 4080 - General Ecology 3 /BIOL 4081 1 (lab)
- BIOL 4650 - Field Study Biogeography and Biodiversity 4
- CRJ 3440 - Crime Prevention 3
- ENGT 3740 - Water and Sewer Systems 3
- ENGT 3820 - Technology and Society 3
- GEOG 3930 - Natural Hazards in Environment 3
- GEOG 3940 - Technological Hazards in the Environment 3
- GEOL 1040 - Physical Geology 3 /GEOL 1041 1 (lab)
- GEOL 3030 - Environmental Geology 3 /GEOL 3031 1 (lab)
- GEOG 4000 - Environmental Management 3
- GEOG 4010 - Environmental Assessment 3
- GEOL 4250 - Hydrogeology 3 /GEOL 4251 1 (lab)
- HHP 2050 - Community and Environment Health 3
- HHP 4020 - Introduction to Occupational Safety and Health 3
- HHP 4070 - Human Health and Disease 3
- HHP 4500 - Epidemiology and Biostatistics 3
- HIST 2040 - History and Environment Impact of Technology 3
- POLS 2040 - Introduction to Public Policy 3

- PM 3250 - The Principles and Practice of Urban Planning 3
- PM 4400 - Administration of Nonprofit Organizations 3
- SOC 3700 - Health, Illness, and Medicine 3
- SOC 3750 - Population Dynamics 3

NOTE: Sociology courses cannot be counted in both the Sociology Major and the Environmental Studies Minor.

Total Hours 14-15

Total Hours 18

Family Studies Minor

Department of Sociology Location: McCord Bldg., Room 205 Phone: 931-221-7540 Website: www.apsu.edu/sociology The Family Studies minor provides students with a comprehensive curriculum that fosters an in-depth understanding of the complexities of family life. Required courses stimulate a critical examination of families within the diverse historical, political, and global contexts. As an interdisciplinary minor, students may complete coursework in Sociology as well as complementary disciplines in the Behavioral Health Sciences. Students completing the minor receive the training skills, and knowledge essential to enhancing the lives of families and are well prepared to further their education in graduate programs.

Minor Requirements

- SOC 2900 - Marriage and the Family 3
Select one (1) course from the list below
- SOC 3060 - Contemporary Issues in the Family 3
- SOC 3070 - Families Across Cultures 3
Select four (4) courses from the list below
- HHP 4000 - Introduction to Gerontology 3
- HHP 4030 - Living, Dying, Grieving 3
or
- PSYC 4010 Death, Dying and Bereavement 3
- HHP 4080 - Human Sexuality 3
- POLS 4340 - Family Law 3
- PSYC 3110 - Child Development 3
- PSYC 3200 - Adolescent Development 3
- PSYC 3220 - Psychology of Women 3
- SW 3490 - Social Work and Aging 3
- SW 4035 - Social Work with Children and Families 3
- SW 4040 - Social Work and Family Violence 3
- SOC 3050 - Race and Ethnicity in a Multicultural Society 3
- SOC 3080 - Gender and Sexualities 3
- SOC 3300 - Power, Privilege, and Global Inequality 3

NOTE: Sociology courses cannot be counted in both the Sociology Major and the Family Studies Minor

Total Hours 18

Health and Social Justice Minor

Drawing from interdisciplinary perspectives, this minor is designed to highlight the systemic correlates of health and disease. Students will develop an understanding of inequities in health outcomes related to race ethnicity, class, gender, sexual identity, gender identity, and other sociocultural factors. Students will explore health consequences of chronic stress related to experiences of discrimination, oppression, poverty, and working and living conditions. Identifying community needs and developing strategies for improvement are emphasized. This minor prepares students for careers in advocacy and non-profit sectors, healthcare, counseling, education, research, and others.

Minor Requirements

- IHSJ 2500 - Health and Social Justice 3

Total Hours 3

Minor Guided Electives

Complete 15 hours from the below (at least two or more electives must be from different disciplines):

- BIOL 2300 - Principles of Microbiology 3
- BIOL 2301 - Principles of Microbiology Lab 1
- HHP 3450 - Health Issues of Special Populations 3
- HHP 3600 - Communication and Advocacy 3
- NURS 4005 - Social Justice through Health Policy 3
- NURS 4105 - A Social Justice Approach to Population Health and Preventive Measures 3
- PHIL 2300 - Medical Ethics 3
- PSYC 3220 - Psychology of Women 3
- PSYC 3230 - African American Psychology 3
- PSYC 3340 - Health Psychology 3
- SOC 3050 - Race and Ethnicity in a Multicultural Society 3
- SOC 3080 - Gender and Sexualities 3
- SOC 3700 - Health, Illness, and Medicine 3
- SOC 4420 - Environmental Justice 3

Total Hours 15

Total Hours 18

Sociology Minor

Department of Sociology and Community Development
Location: McCord Bldg., Room 205
Phone: 931-221-7540
Website: www.apsu.edu/sociology

The minor in Sociology is intended for those students who want to gain an overview of the discipline and to sample some of the specialized areas of study within it. The Sociology Minor can help you in almost any career including business, education, public administration, social work, as well as preparation for graduate or professional studies.

Minor Requirements

- SOC 1010 - Introduction to Sociology 3
- SOC 1040 - Social Problems 3
- SOC 2900 - Marriage and the Family 3

Total Hours 9

Minor Guided Electives

- SOC 2500 - Cultural Anthropology 3
- SOC 3050 - Race and Ethnicity in a Multicultural Society 3
- SOC 3060 - Contemporary Issues in the Family 3
- SOC 3070 - Families Across Cultures 3
- SOC 3080 - Gender and Sexualities 3
- SOC 3150 - Social Psychology of Everyday Life 3
- SOC 3250 - Social Institutions 3
- SOC 3300 - Power, Privilege, and Global Inequality 3
- SOC 3700 - Health, Illness, and Medicine 3
- SOC 3750 - Population Dynamics 3
- SOC 3760 - Methods of Social Research 3
- SOC 3770 - Analysis and Assessment 3
- SOC 4000 - Sociological Theory 3
- SOC 4850 - Sociology Service Learning 3
- SOC 4900 - Selected Topics in Sociology 3
- SOC 4910 - Senior Capstone 3

Total Hours 9

Total Minor Hours 18

School of Nursing

College of Behavioral and Health Sciences

Location: McCord Building, 218

Phone: 931-221-7737

Website: www.apsu.edu/nursing

APSU School of Nursing offers two nursing education programs: the Bachelor of Science in Nursing (BSN), this includes the RN to BSN Completion track (for licensed AS degree RN's), and, a Master of Science in Nursing.

Completion of the BSN Nursing Major (Pre-Licensure) results in educational eligibility for the graduate to write the Registered Nurse Licensing Examination for R.N. Licensure. The post-licensure undergraduate program allows the licensed registered nurse to complete the requirements for the B.S.N. degree. The RN to BSN Concentration is an online program.

Students must review their course of studies with a designated School of Nursing Advisor each semester.

Programs:

Bachelor of Science

- Nursing (B.S.N)

Concentration

- Nursing Major
- RN to BSN Concentration

Nursing (B.S.N.)

Location: McCord Bldg., Room 218

Website: www.apsu.edu/nursing

Dr. Eve Rice

Director

Email: ricem@apsu.edu

Phone: 931-221-7483

Dr. Bettina Shank

Assistant Director

Email: shankb@apsu.edu

Phone: 931-221-6344

Nursing (BSN)

The curriculum leading to the degree of the Bachelor's of Science in Nursing (BSN) includes general education core, nursing pre-requisite courses, and major requirements offered by the School of Nursing. The APSU School of Nursing offers two concentrations for completing the BSN:

- The BSN Nursing major (Pre-Licensure) is offered synchronously on campus and results in educational eligibility for students to apply to take the NCLEX examination for state licensure through the respective state boards of nursing.
- The RN to BSN concentration is designed for Registered Nurses (RNs) who have an active, unencumbered license or new graduates with an associate degree who are eligible for licensure. RNs enrolled in the RN to BSN concentration complete online courses in an asynchronous format available 24 hours a day via the University's web based instructional program.

Once enrolled, students have seven semesters to complete the BSN degree. Extensions may be granted on an individual basis. Students must review their courses of studies with a designated School of Nursing Advisor each semester.

Accreditation

The BSN Program is approved by the Tennessee Department of Health Board of Nursing and the Commission on Collegiate Nursing Education (CCNE). These organizations may be reached at:

Tennessee Board of Nursing

665 Mainstream Dr

Nashville, TN, 37243

<http://www.tn.gov/health/health-program-areas/health-professional-boards/nursing-board.html>

Commission on Collegiate Nursing Education

655 K Street, NW, Suite 750

Washington DC 20001

<http://www.aacnnursing.org/CCNE>

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: Bachelor of Science in Nursing.

Program CIP Code

31.51.3801.00

Concentrations

- RN to BSN Concentration
- Nursing Major

Nursing Major

Dr. Tasha Ruffin
BSN Facilitator

Email: nursingfocusadvisor@apsu.edu

Phone: 931-221-6479

For more information visit: <http://www.apsu.edu/nursing/bachelornursing/index.php>

General Information

Admissions to Austin Peay does not guarantee acceptance to the nursing program. The nursing program is very competitive and only a limited number of students are admitted each semester.

For specific information regarding admission to the Nursing program, please visit the Bachelor of Science in Nursing webpage.

Program CIP Code

31.51.3801.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- MATH 1530 - Elements of Statistics 3
- PSYC 1030 - Introduction to Psychology 3
- SOC 1010 - Introduction to Sociology 3

Major Core Requirements

Lower Division Courses

- BIOL 2300 - Principles of Microbiology 3

- BIOL 2301 - Principles of Microbiology Lab 1
- NURS 2010 - Concepts of Professional Nursing 3
- NURS 2020 - Nursing Assessment 3
- NURS 2021 - Nursing Assessment Clinical 1
- NURS 2030 - Fundamentals of Nursing 4
- NURS 2031 - Fundamentals of Nursing Clinical 4
- NURS 2040 - Introduction to Pharmacology 1

Total Hours 20

Upper Division Courses

- PSYC 3100 - Developmental Psychology 3
- NURS 3020 - Psychopharmacology 2
- NURS 3060 - Psychiatric Mental Health Nursing 4
- NURS 3061 - Psychiatric Mental Health Nursing Clinical 3
- NURS 3070 - Adult Health I Nursing 4
- NURS 3071 - Adult Health I Nursing Clinical 4
- NURS 3080 - Lifespan Pharmacology 4
- NURS 3210 - Introduction to Nursing Research 3
- NURS 4040 - Maternal Child Nursing 4
- NURS 4041 - Maternal Child Nursing Clinical 4
- NURS 4050 - Community and Public Health Nursing 3
- NURS 4051 - Community and Public Health Nursing Clinical 3
- NURS 4060 - Adult Health II Nursing 4
- NURS 4061 - Adult Health II Nursing Clinical 4
- NURS 4070 - Nursing Leadership and Professional Management 3
- NURS 4071 - Nursing Leadership and Professional Management Clinical 3
- NURS 4080 - Trends and Issues of Professional Nursing 2
- NURS 4100 - Clinical Integration 1

Total Hours 58

Total Program Hours 120

RN to BSN Concentration

Dr. Terri A. Clark

RN to BSN Program Facilitator

Email: clarkt@apsu.edu

Phone: 931-221-7469

For information visit: www.apsu.edu/rnbsn

Admission Requirements for the RN to BSN Concentration

In order to apply, RN to BSN concentration students must:

- Complete and submit the APSU RN to BSN application.
- Be admitted to Austin Peay State University as a degree-seeking undergraduate student.
- Have a minimum college cumulative grade point average of 2.0.
- Have graduated from an accredited Associate Degree or Diploma nursing program or graduating in the near future.
- Have an active, unencumbered RN license or be eligible for licensure.

Following acceptance into the BSN program, RN to BSN concentration students must:

- Have validation of current science knowledge: if sciences are older than seven (7) years, the student must provide a letter from current employer validating current employment as a Registered Nurse.
- Provide a complete program package with evidence of CPR and required health regulation, including vaccines, upon request.
- Comply with criminal background checks and drug screening as required for eligibility to access entrance into specific clinical agencies as related to clinical course objectives.

Progression

- RN to BSN students must earn a grade of "C" or higher in all nursing, nursing-specific core classes, and all courses taken while in the RN to BSN Program.
- BSN Undergraduate Progression and Graduation Requirements: RN to BSN students must meet core performance and professional standards. See specific criteria under the School of Nursing BSN Student Guidelines for the RN to BSN Concentration. A grade of "C" or better is required to pass any nursing course and to progress in the curriculum. If a student fails two courses (including failing one course two times) with a "D" or "F" they will be dismissed from the nursing program for not meeting the program requirements. A grade of "D" or "F" is considered failure to achieve course standards. A Bachelor of Science in nursing degree will not be conferred for any student who receives two grades below "C" while in the School of Nursing.
- RN to BSN Students are expected to complete the program within a three-and-a-half year time period.

Clinical

- Provide evidence of liability insurance acquired through APSU.
- Proof of personal health insurance may be required.
- RN to BSN clinical courses may be scheduled at sites near the student's home with faculty-vetted preceptors. The sites must be approved by the course faculty and there must be a contract in place between the facility and the university.

Program CIP Code

31.51.3801.00

General Education Core

Major Core Requirements that Satisfy General Education Core

- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- MATH 1530 - Elements of Statistics 3
- PSYC 1030 - Introduction to Psychology 3
- SOC 1010 - Introduction to Sociology 3

Total Hours 17

Major Core Requirements

Lower Division Courses

- BIOL 2300 - Principles of Microbiology 3
- BIOL 2301 - Principles of Microbiology Lab 1

Total Hours 4

Upper Division Courses

- PSYC 3100 - Developmental Psychology 3

Total Hours 3

Concentration Requirements

Upper Division Courses

- NURS 3300 - Concepts of Professional Nursing for RNs 3
- NURS 3310 - Nursing Research for RNs 3
- NURS 3380 - Pathophysiology for RNs 2
- NURS 3390 - Nursing Assessment for RNs 3
- NURS 3391 - Nursing Assessment for RNs Lab 1
- NURS 4350 - Community Nursing for RNs 3
- NURS 4351 - Community and Public Health Nursing Clinical 3

- NURS 4370 - Leadership for RNs 3
 - NURS 4371 - Leadership for RNs Clinical 3
 - NURS 4380 - Trends and Issues for RNs 3
- Select one (1) course from the list below
- NURS 3341 - Holistic Nursing for RNs 3
 - NURS 3343 - Emergency Room Nursing for RNs 3
 - NURS 3344 - Wound Care Management for RNs 3

Total Hours 30

Nursing Escrow

Total Hours 41

Total Program Hours 120

College of Business

Location: Kimbrough Bldg., 203

Phone: 931-221-1283

e-mail: cob@apsu.edu

Website: www.apsu.edu/business

Mission

The APSU College of Business is a teaching-focused business school committed to student success while serving the Clarksville and Nashville metropolitan areas. We strive to push students beyond the textbook and help them explore their passions, in order to empower our graduates to compete in a global economy.

Guiding Principles

We believe in:

- The worth of teaching and the value of experiential and reflective learning.
- Creating a climate of inclusion that will facilitate access and foster student success.
- Professional and research activities that inform teaching, engage students, and improve the practice of business.
- The value of interaction among colleagues, students, and community.
- Ethical behavior, transparent management, and respect for colleagues and students.

Admission Requirements

Students majoring in business will receive the Bachelor of Business Administration degree.

Admission to the College of Business (COB) requires a completed application and the following:

- A Cumulative GPA of 2.35
- Before enrolling in junior and senior (3000-4999) business courses, business majors must have earned junior standing (60 hours) and completed the following courses with a grade of C or better:
 - ACCT 2010
 - ACCT 2020
 - BUS 2000
 - BUS 2100
 - ECON 2100
 - ECON 2200

All exceptions to these requirements must be approved by the Dean of the College of Business. Students seeking exceptions must have their College of Business advisor's approval before submitting the request to the Dean.

Transfer Admission Requirements

Transfer students must meet the previously prescribed admission requirements for the BBA program. Transfer student must have his/her transcripts reviewed by the College of Business advisor. Accepted freshmen and sophomore level courses transfer as lower level courses.

Students enrolled in the BBA program who plan to take courses from another institution for transfer credit to APSU must secure prior written approval from the College of Business and the Registrar on the Course Approval Form (found on the Registrar's website).

Business Minors and Non-Business Majors

Business minors and non-business majors must meet the applicable course prerequisites and may earn no more than 30 hours of credit offered by the College of Business.

Graduation Requirements

Graduation requirements are listed below:

- Minimum 39 upper division hours;
- The CoB requires a minimum grade of "C" in all BBA program core, major, and concentration courses. This requirement includes Major Guided Electives;
- The university requires a minimum 2.0 GPA in the following: cumulative GPA, APSU GPA, program GPA, and minor GPA (if applicable); and
- The Major Field Test in Business is required in the senior year. This is a proctored exam and must be taken in person.

The Bachelor of Business Administration

- The College of Business offers the Bachelor of Business Administration with majors in Accounting (B.B.A.), Finance (B.B.A.), Management (B.B.A.), and Marketing (B.B.A.).
- The College of Business offers the following concentrations:
Economics within Finance, International Management within Management, General Business within Management.

Department of Accounting, Finance and Economics

Chair: Dong Nyonna, Ph.D.

Location: Kimbrough Bldg., Room 234

Phone: 931-221-7578

e-mail: nyonnad@apsu.edu

Website: www.apsu.edu/business/

The Department of Accounting, Economics and Finance offers the Bachelor of Business Administration (BBA) with majors in accounting and finance and economics concentration. No minor is required.

Programs:

Bachelor of Business Administration

- Accounting (B.B.A.)
- Finance (B.B.A.)

Concentration

- Accounting Major
- Banking Concentration
- Economics Concentration
- Finance Major
- Real Estate Concentration

Minors (non-degree)

- Accounting Minor
- Economics Minor
- Finance Minor
- Real Estate Minor

Accounting (B.B.A.)

Chair: Dong Nyonna, Ph.D.

Location: Kimbrough Bldg., Room 234

Phone: 931-221-7578

Email: nyonnad@apsu.edu

Website: <http://www.apsu.edu/business>

Description of Major

Accounting provides the information necessary for evaluating the present and planned activities of complex organizations. It includes diverse services to individuals, business entities, and governments at all levels. Professional accountants develop and apply their skills in auditing, taxation, management policy, information systems, computer operations, and many other areas. As a result, accounting is currently a leading growth profession throughout the world. With instant communication facilities, easy international travel, and expanding world trade, accounting services have grown in scope and importance. Many Certified Public Accountant (CPA) firms and companies have extensive international operations.

New concepts and techniques are constantly being developed. The use of electronic data processing systems has relieved accountants of many of the routine tasks which were formerly performed manually. At the same time, the computer has increased the demand for skilled accountants to assist management in analyzing and summarizing the massive amounts of data generated. The computer has greatly increased accounting's effectiveness and has created new opportunities and challenges.

Career Opportunities in Accounting

Professional accounting careers are open to men and women of all nationalities and creeds. Success requires motivation, a commitment to service, and skill in communication and analysis. Also important are the abilities to work well with others, to think abstractly, and to solve problems systematically.

The presidents and board chairs of many of the nation's largest corporations are accountants. Other business leaders with accounting backgrounds include financial vice presidents, treasurers, controllers, budget directors, internal auditors, cost analysts, and tax specialists.

Few career fields offer as wide a variety of positions as accounting. Every institution, regardless of its size or organization, has an accounting function and requires the services of skilled professionals. Three primary career paths are discussed below.

- **U.S. Department of Labor** - Accounting/Auditors
- **Public Accounting** - About half of the nation's CPAs work in the field of public accounting. CPAs work for both large and small firms, offering their services to businesses, industries, and individuals who contract for their services on a fee basis. The principal specialties within public accounting are:
 - **Auditing** - CPAs examine clients' financial statements and express a professional opinion on the fairness of the presentation. Investors, consumers, creditors, and other interested parties rely on accountants' opinions in using the audited financial statements for making decisions.
 - **Tax Advisory Services** - Tax accountants have broad responsibilities, including tax advice and planning, preparing tax returns and supporting documents, representing clients before governmental agencies, and helping clients comply with tax laws.
 - **Management Advisory Services** - Companies engage independent CPAs for assistance on such matters as devising reporting systems for better control and decision making, installing cost accounting systems or computer operations, improving production control mechanisms, and developing organizational plans and defining duties and responsibilities.
 - **Management Accounting** - Management accountants are trained to determine the financial effects of contemplated management actions to achieve the objectives of an organization. Management accountants' responsibilities include preparing records and reports on which operational planning and control depend. These reports and analyses are essential ingredients of most decisions about finance, investments, and pricing

policies. Management accountants participate in virtually every phase of business problem solving and decision making and are usually members of the top management group.

- **Not-for-Profit Accounting** - The need for financial measurement, reporting, and control over the activities of governmental, educational, religious, and charitable agencies is now fully recognized. The public sector of our economy has grown greatly in the last quarter century. Noncommercial organizations, as they become more affected by inherent requirements for financial reporting and controls, need professional accountants.

The federal government hires accountants in many of its agencies, such as the Internal Revenue Service, the FBI, General Accounting Office, and the Defense Contract Audit Agency. The Internal Revenue Service, among other things, audits individual and company tax returns. The General Accounting Office is the audit arm of the U.S. Congress; it assists in investigations to determine policy compliance and performs a broad range of other activities. The Defense Contract Audit Agency concentrates on audits of defense contractors and their operations. Additional career possibilities are found in college and university teaching and in providing private consultation services.

Program CIP Code

32.52.0301.00

Major

- Accounting Major

Accounting Major

Department of Accounting, Finance and Economics

Location: Kimbrough Bldg., Room 139

Phone: 931-221-1280

Website: <http://www.apsu.edu/business>

Accounting provides the information necessary for evaluating the present and planned activities of complex organizations. It includes diverse services to individuals, business entities, and governments at all levels. Professional accountants develop and apply their skills in auditing, taxation, management policy, information systems, computer operations, and many other areas. As a result, accounting is currently a leading growth profession throughout the world.

With instant communication facilities, easy international travel, and expanding world trade, accounting services have grown in scope and importance. Many Certified Public Accountant (CPA) firms and companies have extensive international operations. New concepts and techniques are constantly being developed. The use of electronic data processing systems has relieved accountants of many of the routine tasks which were formerly performed manually. At the same time, the computer has increased the demand for skilled accountants to assist management in analyzing and summarizing the massive amounts of data generated. The computer has greatly increased accounting's effectiveness and has created new opportunities and challenges.

Career Opportunities in Accounting Professional accounting careers are open to men and women of all nationalities and creeds. Success requires motivation, a commitment to service, and skill in communication and analysis. Also important are the abilities to work well with others, to think abstractly, and to solve problems systematically. The presidents and board chairs of many of the nation's largest corporations are accountants. Other business leaders with accounting backgrounds include financial vice presidents, treasurers, controllers, budget directors, internal auditors, cost analysts, and tax specialists. Few career fields offer as wide a variety of positions as accounting.

Every institution, regardless of its size or organization, has an accounting function and requires the services of skilled professionals. Three primary career paths are discussed below:

- U.S. Department of Labor
- Accounting/Auditors
- Public Accounting - About half of the nation's CPAs work in the field of public accounting. CPAs work for both large and small firms, offering their services to businesses, industries, and individuals who contract for their services on a fee basis.

The principal specialties within public accounting are:

- Auditing - CPAs examine clients' financial statements and express a professional opinion on the fairness of the presentation. Investors, consumers, creditors, and other interested parties rely on accountants' opinions in using the audited financial statements for making decisions.
- Tax Advisory Services - Tax accountants have broad responsibilities, including tax advice and planning, preparing tax returns and supporting documents, representing clients before governmental agencies, and helping clients comply with tax laws.
- Management Advisory Services - Companies engage independent CPAs for assistance on such matters as devising reporting systems for better control and decision making, installing cost accounting systems or computer operations, improving production control mechanisms, and developing organizational plans and defining duties and responsibilities.
- Management Accounting - Management accountants are trained to determine the financial effects of contemplated management actions to achieve the objectives of an organization. Management accountants' responsibilities include preparing records and reports on which operational planning and control depend. These reports and analyses are essential ingredients of most decisions about finance, investments, and pricing policies. Management accountants

participate in virtually every phase of business problem solving and decision making and are usually members of the top management group.

- Not-for-Profit Accounting - The need for financial measurement, reporting, and control over the activities of governmental, educational, religious, and charitable agencies is now fully recognized.

The public sector of our economy has grown greatly in the last quarter century. Noncommercial organizations, as they become more affected by inherent requirements for financial reporting and controls, need professional accountants. The federal government hires accountants in many of its agencies, such as the Internal Revenue Service, the FBI, General Accounting Office, and the Defense Contract Audit Agency. The Internal Revenue Service, among other things, audits individual and company tax returns. The General Accounting Office is the audit arm of the U.S. Congress; it assists in investigations to determine policy compliance and performs a broad range of other activities. The Defense Contract Audit Agency concentrates on audits of defense contractors and their operations. Additional career possibilities are found in college and university teaching and in providing private consultation services.

Program CIP Code

32.52.0301.00

Major Requirements that Satisfy General Education Core

- ECON 2100 - Principles of Macroeconomics 3
Complete one course from:
- MATH 1110 - Algebraic Problem Solving 3
- MATH 1710 - Precalculus Algebra 3

Major Core Requirements

Lower Division Courses

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ACCT 2020 - Principles of Accounting II 3
- BUS 2000 - Business Communication 3
- BUS 2100 - Business Statistics 3
- ECON 2200 - Principles of Microeconomics 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MKT 2010 - Principles of Marketing 3

Total Hours 21

Upper Division Courses

- ACCT 3010 - Intermediate Accounting I 3
- ACCT 3020 - Intermediate Accounting II 3

- ACCT 3110 - Intermediate Managerial Accounting and Data Analytics 3
- ACCT 3710 - Accounting Information Systems 3
- ACCT 4210 - Auditing 3
- ACCT 4230 - Data Analytics for Accounting 3
- ACCT 4310 - Individual Income Tax 3
- BUS 3200 - Global Business 3
- BUS 3300 - Social, Legal, and Political Environment of Business 3
- BUS 3310 - Business Analytics 3
- FIN 3010 - Principles of Finance 3
- MGT 3410 - Production Operations Management 3
- MGT 4810 - Strategic Management 3

Total Hours 39

Major Guided Electives

- Select any three (3) upper level Accounting courses except 3000 (9 hours total)
- Select any six (6) hours of Business electives 3000-4999 6 (except MKT 3001)

Total Hours 12

General Electives

Total Hours 6

Finance (B.B.A.)

Chair: Dong Nyonna, Ph.D.

Location: Kimbrough Bldg., Room 234

Phone: 931-221-7578

Email: nyonnad@apsu.edu

Website: <http://www.apsu.edu/business>

Description of Major

Finance can be defined as the art and science of managing money. The field of finance is integral to almost every facet of business enterprise. It is also a vital aspect of government operations and has an effect on our daily lives. Virtually all organizations and individuals raise money and decide how to spend and invest it. Finance is concerned with the entire process of obtaining the money that organizations or individuals need, and spending and investing that money in the most efficient manner. No minor is required.

Program CIP Code

32.52.0801.00

Concentrations

- Finance Major
- Banking Concentration
- Economics Concentration
- Real Estate Concentration

Banking Concentration

Finance can be defined as the art and science of managing money. The field of finance is integral to almost every facet of business enterprise. It is also a vital aspect of government operations and has an effect on our daily lives. Virtually all organizations and individuals raise money and decide how to spend and invest it. Finance is concerned with the entire process of obtaining the money that organizations or individuals need, and spending and investing that money in the most efficient manner.

Program CIP Code

32.52.0801.00

General Education

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ECON 2100 - Principles of Macroeconomics 3
- Complete one course from the list below:**
- MATH 1110 - Algebraic Problem Solving 3
 - MATH 1710 - Precalculus Algebra 3

BBA Core

Lower Division Courses

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ACCT 2020 - Principles of Accounting II 3
- BUS 2000 - Business Communication 3
- BUS 2100 - Business Statistics 3
- ECON 2200 - Principles of Microeconomics 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MKT 2010 - Principles of Marketing 3

Total Hours: 21

Upper Division Courses

- BUS 3200 - Global Business 3

- BUS 3300 - Social, Legal, and Political Environment of Business 3
- BUS 3310 - Business Analytics 3
- FIN 3010 - Principles of Finance 3
- MGT 3410 - Production Operations Management 3
- MGT 4810 - Strategic Management 3

Total Hours 18

Major Core Requirements

Upper Division Courses

- FIN 3310 - Investments 3
- FIN 4010 - Managerial Finance 3
- FIN 4210 - Financial Markets and Institutions 3
- FIN 4310 - Security Analysis and Portfolio Theory 3
- FIN 4410 - Selecting Equity Investments 3
- MGT 3100 - Management Information System 3

Total Hours 18

Concentration Requirements

Upper Division Courses

- ACCT 3100 - Financial Statement Analysis 3
- ECON 3210 - Money and Banking 3
- FIN 4000 - Bank Management 3
- FIN 4220 - Financial Institutions Seminar 3

Total Hours 12

Concentration Guided Electives

Complete one course from ECON 3000-4999

Total Hours 3

Free Electives

Total Hours 6

Total Program Hours 120

Economics Concentration

Finance can be defined as the art and science of managing money. The field of finance is integral to almost every facet of business enterprise. It is also a vital aspect of government operations and has an effect on our daily lives. Virtually all organizations and individuals raise money and decide how to spend and invest it. Finance is concerned with the entire process of obtaining the money that organizations or individuals need, and spending and investing that money in the most efficient manner.

Program CIP Code

32.52.0801.00

General Education

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ECON 2100 - Principles of Macroeconomics 3
Select one (1) Course from the list below
- MATH 1110 - Algebraic Problem Solving 3
- MATH 1710 - Precalculus Algebra 3

BBA Core Requirements

Lower Division Courses

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ACCT 2020 - Principles of Accounting II 3
- BUS 2000 - Business Communication 3
- BUS 2100 - Business Statistics 3
- ECON 2200 - Principles of Microeconomics 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MKT 2010 - Principles of Marketing 3

Total Hours 21

Upper Division Courses

- BUS 3200 - Global Business 3
- BUS 3300 - Social, Legal, and Political Environment of Business 3
- BUS 3310 - Business Analytics 3
- FIN 3010 - Principles of Finance 3
- MGT 3410 - Production Operations Management 3
- MGT 4810 - Strategic Management 3

Total Hours 18

Major Core Requirement

Upper Division Courses

- FIN 3310 - Investments 3
- FIN 4010 - Managerial Finance 3
- FIN 4210 - Financial Markets and Institutions 3
- FIN 4310 - Security Analysis and Portfolio Theory 3
- FIN 4410 - Selecting Equity Investments 3
- MGT 3100 - Management Information System 3

Total Hours 18

Concentration Requirements

Upper Division Courses

- ECON 3010 - Intermediate Microeconomics 3
- ECON 3020 - Intermediate Macroeconomics 3

Total Hours 6

Concentration Electives

Complete six hours from:

- ECON 3000-4999

Complete three hours from:

- FIN or ECON 3000-4999

Total Hours 9

Free Electives

Total Hours 6

Total Program Hours 120

Finance Major

Finance can be defined as the art and science of managing money. The field of finance is integral to almost every facet of business enterprise. It is also a vital aspect of government operations and has an effect on our daily lives. Virtually all organizations and individuals raise money and decide how to spend and invest it. Finance is concerned with the entire process of obtaining the money that organizations or individuals need, and spending and investing that money in the most efficient manner.

Program CIP Code

32.52.0801.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ECON 2100 - Principles of Macroeconomics 3
Select one (1) Course from the list below
- MATH 1110 - Algebraic Problem Solving 3
- MATH 1710 - Precalculus Algebra 3

BBA Core Requirements

Lower Division Courses

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ACCT 2020 - Principles of Accounting II 3
- BUS 2000 - Business Communication 3
- BUS 2100 - Business Statistics 3
- ECON 2200 - Principles of Microeconomics 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MKT 2010 - Principles of Marketing 3

Total Hours 21

Upper Division Courses

- BUS 3200 - Global Business 3
- BUS 3300 - Social, Legal, and Political Environment of Business 3
- BUS 3310 - Business Analytics 3
- FIN 3010 - Principles of Finance 3
- MGT 3410 - Production Operations Management 3
- MGT 4810 - Strategic Management 3

Total Hours 18

Major Core Requirements

Upper Division Courses

- FIN 3310 - Investments 3
- FIN 4010 - Managerial Finance 3
- FIN 4210 - Financial Markets and Institutions 3
- FIN 4310 - Security Analysis and Portfolio Theory 3
- FIN 4410 - Selecting Equity Investments 3
- MGT 3100 - Management Information System 3

Total Hours 18

Additional Major Requirement

Upper Division Course

- FIN 4400 - Financial Policy 3

Total Hours 3

Major Guided Electives

Complete six hours from:

- FIN 3000-4999

Complete six hours from:

- Any business course 3000-4999 (except ACCT 3001 or MKT 3001)

Total Hours 12

Free Electives

Total Hours 6

Total Program Hours 120

Real Estate Concentration

Finance can be defined as the art and science of managing money. The field of finance is integral to almost every facet of business enterprise. It is also a vital aspect of government operations and has an effect on our daily lives. Virtually all organizations and individuals raise money and decide how to spend and invest it. Finance is concerned with the entire process of obtaining the money that organizations or individuals need, and spending and investing that money in the most efficient manner.

Program CIP Code

32.52.0801.00

General Education

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ECON 2100 - Principles of Macroeconomics 3
- Complete one course from the list below:**
- MATH 1110 - Algebraic Problem Solving 3
 - MATH 1710 - Precalculus Algebra 3

BBA Core

Lower Division Courses

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ACCT 2020 - Principles of Accounting II 3
- BUS 2000 - Business Communication 3
- BUS 2100 - Business Statistics 3
- ECON 2200 - Principles of Microeconomics 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MKT 2010 - Principles of Marketing 3

Total Hours: 21

Upper Division Courses

- BUS 3200 - Global Business 3
- BUS 3300 - Social, Legal, and Political Environment of Business 3
- BUS 3310 - Business Analytics 3
- FIN 3010 - Principles of Finance 3
- MGT 3410 - Production Operations Management 3
- MGT 4810 - Strategic Management 3

Total Hours 18

Major Core Requirements

Upper Division Courses

- FIN 3310 - Investments 3
- FIN 4010 - Managerial Finance 3
- FIN 4210 - Financial Markets and Institutions 3
- FIN 4310 - Security Analysis and Portfolio Theory 3
- FIN 4410 - Selecting Equity Investments 3
- MGT 3100 - Management Information System 3

Total Hours 18

Concentration Requirements

Upper Division Courses

- FIN 3610 - Principles of Real Estate 3
- FIN 3620 - Real Estate Finance 3
- FIN 3630 - Real Estate Development 3
- FIN 4220 - Financial Institutions Seminar 3

Total Hours 12

Concentration Guided Electives

Complete one course from ECON 3000-4999.

Total Hours 3

Free Electives

Total Hours 6

Total Program Hours 120

Accounting Minor

Department of Accounting, Finance and Economics

Chair: Dong Nyonna, Ph.D.

Location: Kimbrough Bldg., Room 234

Phone: 931-221-7578 e-mail: nyonnad@apsu.edu

Website: www.apsu.edu/business/

Minoring in Accounting provides a firm foundation of the information necessary for evaluating the present and planned activities of complex organizations. Accounting minors require 21 total hours including 12 hours of upper-division courses. The advisor directs the student to those upper division courses most applicable to their major.

Minor Requirements

- ACCT 2010 - Principles of Accounting I 3
- ACCT 2020 - Principles of Accounting II 3
- ACCT 3010 - Intermediate Accounting I 3

Total Hours 9

Minor Guided Electives

Select 12 credit hours of upper division ACCT courses approved by the department chair.

Total Hours 12

Total Hours 21

Economics Minor

Department of Accounting, Finance and Economics Chair: Dong Nyonna, Ph.D. Location: Kimbrough Bldg., Room 234 Phone: 931-221-7578 e-mail: nyonnad@apsu.edu Website: www.apsu.edu/business/ Minor in Economics provides a firm foundation of the function and examination of markets. The Economics Minor requires 18-21 hours including 9 upper-division courses. An advisor directs the student to those upper division courses most applicable to their major.

Minor Requirements

- ECON 3220 - Managerial Economics 3
or
ECON 2100 Principles of Macroeconomics
and
ECON 2200 Principles of Microeconomics
- ECON 3010 - Intermediate Microeconomics 3
- ECON 3020 - Intermediate Macroeconomics 3

Total Hours 9-12

Minor Guided Electives

Complete nine hours from ECON 1000-4999.

Total Hours 9

Total Hours 18-21

Finance Minor

Department of Accounting, Finance and Economics Chair: Dong Nyonna, Ph.D. Location: Kimbrough Bldg., Room 234 Phone: 931-221-7578 e-mail: nyonnad@apsu.edu Website: www.apsu.edu/business/ Minor in Finance provides a firm foundation of obtaining, spending, and investing money in the most efficient manner. Finance minors require 18-24 hours of courses predominantly in Accounting, Economics, and Finance. An advisor directs the student to those upper division courses most applicable to their major.

Minor Requirements

- ACCT 2001 - Foundations of Accounting 3
or
ACCT 2010 Principles of Accounting I / ACCT 201L
and
ACCT 2020
- ECON 3220 - Managerial Economics 3
or
ECON 2100 Principles of Macroeconomics
and
ECON 2200 Principles of Microeconomics
- FIN 3010 - Principles of Finance 3
- FIN 3310 - Investments 3
- FIN 4210 - Financial Markets and Institutions 3

Total Hours 15-21

Minor Guided Elective

Complete one course from FIN 3000-4999

Total Hours 3

Total Hours 18-24

Real Estate Minor

Department of Accounting, Finance and Economics Chair: Dong Nyonna, Ph.D. Location: Kimbrough Bldg., Room 234 Phone: 931-221-7578 Email: nyonnad@apsu.edu Website: <http://www.apsu.edu/business> Minor in Real Estate provides a firm foundation for students interested in preparing for careers within the real estate market and its related industries. Real Estate Minor requires 18 upper division courses predominantly in finance and real estate. An advisor directs the student to those upper division courses most applicable to their major.

Minor Requirements

- FIN 3310 - Investments 3
- FIN 3610 - Principles of Real Estate 3
- FIN 3620 - Real Estate Finance 3
- FIN 4210 - Financial Markets and Institutions 3

Total Hours 12

Minor Guided Electives

Complete two courses from:

- FIN 3010 - Principles of Finance 3
- MKT 2010 - Principles of Marketing 3
- MKT 3110 - Salesmanship 3

Total Hours 6

Total Hours 18

Department of Management and Marketing

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

The Department of Management and Marketing offers the Bachelor of Business Administration (BBA) with concentrations in management, international management and marketing. No minor is required.

Programs:

Bachelor of Business Administration

- Management (B.B.A.)
- Marketing (B.B.A.)

Concentration

- Hospitality Management Concentration
- Human Resources Management
- Management Major
- Marketing Major

Minors (non-degree)

- Business Administration Minor
- Entrepreneurship Minor
- Management Minor
- Marketing Minor

Management (B.B.A.)

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

The Management program is recommended for those students who are interested in a career in which they organize people and resources to accomplish goals and objectives. Students from the management program may obtain jobs that include retail manager, human resource specialist, management trainee, entrepreneur, restaurant or hospitality manager, loan administrator, or straight-line supervisor. No minor is required.

Program CIP Code

32.52.0201.00

Concentration

- Management Major
- Hospitality Management Concentration
- Human Resources Management Concentration

Hospitality Management Concentration

The Hospitality Management concentration exposes students to the challenges and opportunities of the growing hospitality industry. The curriculum is designed to give students a practical base of hospitality management knowledge and abilities. Graduates of the program have the potential of working throughout the world for major hotel and restaurant companies, private clubs, resorts, casinos, theme parks, and recreational facilities, consulting firms and other related industries. Related career opportunities abound in the industry both locally and on a global basis, and include titles as Front Desk Manager, Social Director, Caterer, Hospitality Supervisor, Meeting Planner, Recreational Director and Travel Director.

Program CIP Code

32.52.0201.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Lower Division Business Core

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ACCT 2020 - Principles of Accounting II 3
- BUS 2000 - Business Communication 3
- BUS 2100 - Business Statistics 3
- ECON 2200 - Principles of Microeconomics 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MKT 2010 - Principles of Marketing 3

Total Hours 21

Upper Division Business Core

- BUS 3200 - Global Business 3
- BUS 3300 - Social, Legal, and Political Environment of Business 3
- BUS 3310 - Business Analytics 3
- FIN 3010 - Principles of Finance 3
- MGT 3410 - Production Operations Management 3
- MGT 3100 - Management Information System 3
- MGT 4810 - Strategic Management 3

Total Hours 21

Concentration Requirements

Upper Division Courses

- HOSP 3840 - Restaurant Management 3
- HOSP 3850 - Hospitality and Tourism Marketing 3
- HOSP 3860 - Introduction to Tourism Management 3
- HOSP 3010 - Principles of Hospitality and Tourism Management 3
- HOSP 3830 - Lodging Management 3
- HOSP 4990 - Hospitality Capstone 3
- MGT 3110 - Organization Behavior and Theory 3
- MGT 3210 - Human Resource Management 3

Total Hours 24

Upper Division Business Electives

- Business upper division (3000-4000) level course electives 6 (except ACCT 3001 or MKT 3001)

Total Hours 6

Free Electives

Total Hours 6

Total Program Hours 120

Human Resources Management Concentration

Program CIP Code

32.52.0201.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Business Core Requirements

Lower Division Courses

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ACCT 2020 - Principles of Accounting II 3
- BUS 2000 - Business Communication 3
- BUS 2100 - Business Statistics 3
- ECON 2200 - Principles of Microeconomics 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MKT 2010 - Principles of Marketing 3

Total Hours 21

Upper Division Courses

- BUS 3200 - Global Business 3
- BUS 3300 - Social, Legal, and Political Environment of Business 3
- BUS 3310 - Business Analytics 3
- FIN 3010 - Principles of Finance 3
- MGT 3100 - Management Information System 3
- MGT 3410 - Production Operations Management 3
- MGT 4810 - Strategic Management 3

Total Hours 21

Major Core Requirements

Upper Division Courses

- MGT 3110 - Organization Behavior and Theory 3
- MGT 3210 - Human Resource Management 3
- MGT 3610 - Entrepreneurship 3
- MGT 4015 - Group Dynamics 3
- MGT 4090 - Corporate Social Responsibility 3

Total Hours 15

Major Electives

Complete 6 hours from MGT 3000-4999

Total Hours 6

Concentration Requirements

Upper Division Courses

- MGT 3220 - Employment Law 3
- MGT 3240 - Diversity in Organizations 3

Total Hours 6

Concentration Guided Electives

Complete one course from:

- MGT 3230 - Staffing Organizations 3
- MGT 3245 - Compensation and Benefits 3
- MGT 3270 - Negotiating and Conflict Resolution 3
- MGT 3280 - Managing Employee Performance 3
- MGT 3290 - International Human Resources 3
- MGT 440I - Management Internship 1 to 6

Total Hours 3

Free Electives

Total Hours 6

Total Program Hours 120

Management Major

Program CIP Code

32.52.0201.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ECON 2100 - Principles of Macroeconomics 3
Select one (1) Course from the list below
- MATH 1110 - Algebraic Problem Solving 3
- MATH 1710 - Precalculus Algebra 3

Total Hours 6

Major Core Requirements

Lower Division Courses

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ACCT 2020 - Principles of Accounting II 3
- BUS 2000 - Business Communication 3
- BUS 2100 - Business Statistics 3
- ECON 2200 - Principles of Microeconomics 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MKT 2010 - Principles of Marketing 3

Total Hours 21

Upper Division Courses

- BUS 3200 - Global Business 3
- BUS 3300 - Social, Legal, and Political Environment of Business 3
- BUS 3310 - Business Analytics 3
- FIN 3010 - Principles of Finance 3

- MGT 3100 - Management Information System 3
- MGT 3110 - Organization Behavior and Theory 3
- MGT 3210 - Human Resource Management 3
- MGT 3410 - Production Operations Management 3
- MGT 3610 - Entrepreneurship 3
- MGT 4090 - Corporate Social Responsibility 3
- MGT 4015 - Group Dynamics 3
- MGT 4810 - Strategic Management 3

Total Hours 36

Major Guided Electives

Upper Division Courses

- Management upper division (3000-4000) level course electives 9
- Business upper division (3000-4000) level course electives 6 (except ACCT 3001 or MKT 3001)

Total Hours 15

Free Electives

- Any General Electives (outside of the major) 6

Total Hours 6

Total Program Hours 120

Marketing (B.B.A.)

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

The marketing program is a great fit for students who are interested in a career in which they use creative and innovative skills, in conjunction with research, to identify and satisfy the needs and desires of individual and organizational buyers. Students from the marketing program can obtain jobs that include advertising specialist, researcher, sales person, public relations manager, event planner, and promotions specialist. No minor is required.

Program CIP Code

32.52.1401.00

Major

- Marketing Major

Marketing Major

Program CIP Code

32.52.1401.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ECON 2100 - Principles of Macroeconomics 3
Select one (1) Course from the list below
- MATH 1110 - Algebraic Problem Solving 3
- MATH 1710 - Precalculus Algebra 3

Major Core Requirements

Lower Division Courses

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ACCT 2020 - Principles of Accounting II 3
- BUS 2000 - Business Communication 3
- BUS 2100 - Business Statistics 3
- ECON 2200 - Principles of Microeconomics 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MKT 2010 - Principles of Marketing 3

Total Hours 21

Upper Division Courses

- BUS 3200 - Global Business 3
- BUS 3300 - Social, Legal, and Political Environment of Business 3
- BUS 3310 - Business Analytics 3
- FIN 3010 - Principles of Finance 3
- MGT 3410 - Production Operations Management 3
- MGT 3100 - Management Information System 3

- MGT 4810 - Strategic Management 3
- MKT 3210 - Retailing Management 3
- MKT 3510 - Consumer and Market Behavior 3
- MKT 3600 - Social Media Marketing 3
- MKT 4310 - Advertising and Promotional Strategy 3
- MKT 4450 - Marketing Research 3
- MKT 4800 - Marketing Management 3

Total Hours 39

Major Guided Electives

Upper Division Courses

- Marketing upper division (3000-4000) level course electives **3** (except MKT 3001)
- Business upper division (3000-4000) level course electives **6** (except ACCT 3001 or MKT 3001)

Total Hours 9

Free Electives

- Any General Electives (outside of major) **9**

Total Hours 9

Total Program Hours 120

Business Administration Minor

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

Minoring in Business Administration provides a firm foundation of business and organizational principles. The Business Administration Minor requires 21-27 hours in Accounting, Economics, Finance, Management and Marketing. An advisor directs the student to those upper division courses most applicable to their major.

Minor Requirements

- ACCT 2001 - Foundations of Accounting 3
or
ACCT 2010 Principles of Accounting I / ACCT 201L
and
ACCT 2020 Principles of Accounting II
- ECON 3220 - Managerial Economics 3
or
ECON 2100 Principles of Macroeconomics
and
ECON 2200 Principles of Microeconomics
- FIN 3010 - Principles of Finance 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MGT 3300 - Social, Legal, and Political Environment of Business 3
- MKT 2010 - Principles of Marketing 3

Total Hours 18-24

Minor Guided Electives

Complete one course from:

- MGT 3000-4999
- MKT 3000-4999

Total Hours 3

Total Hours 21-27

Entrepreneurship Minor

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

Minoring in Entrepreneurship provides a firm foundation of business modeling and ideation. The Entrepreneurship Minor requires 18 hours predominantly in Management courses. An advisor directs the student to those upper division courses most applicable to their major.

Minor Requirements

- MGT 3610 - Entrepreneurship 3
- MGT 3630 - Creativity and Ideation 3
- MGT 3640 - Business Modeling 3
- MGT 4640 - Venturing 3

Total Hours 12

Minor Guided Electives

Complete two course from Upper Level ACCT, ECON, FIN, MGT or MKT.

Total Hours 6

Total Hours 18

Hospitality Management Minor

The Hospitality Management minor exposes students to the challenges and opportunities of the growing hospitality industry. The curriculum is designed to give students a practical base of hospitality management knowledge and abilities. Graduates of the program have the potential of working throughout the world for major hotel and restaurant companies, private clubs, resorts, casinos, theme parks, and recreational facilities, consulting firms, and other related industries. Related career opportunities abound in the industry, both locally and on a global basis, and include such titles as Front Desk Manager, Social Director, Caterer, Hospitality Supervisor, Meeting Planner, Recreational Director and Travel Director.

Minor Requirements

- HOSP 3010 - Principles of Hospitality and Tourism Management 3
- HOSP 3850 - Hospitality and Tourism Marketing 3
- HOSP 3860 - Introduction to Tourism Management 3

Total Hours 9

Minor Guided Electives

Complete three courses from:

- COMM 1900 - Introduction to Event Planning 3
- HOSP 3830 - Lodging Management 3
- HOSP 3840 - Restaurant Management 3
- MGT 3270 - Negotiating and Conflict Resolution 3
- MGT 440I - Management Internship 1 to 6

Total Hours 9

Total Hours 18

Human Resources Management Minor

Department of Management and Marketing

Chair: Dr. Amye M. Melton

Location: Kimbrough Building, Room 148

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

Minor in Human Resources Management provides theoretical and practical knowledge in a variety of HR areas, including Human Resources Management, employment law, and diversity. Other electives will give students exposure to additional facets of Human Resources, including staffing, compensation and benefits, training and development, negotiations and conflict resolutions, international human resources, and/or performance management.

Required Courses

- MGT 2010 - Principles of Management and Organizational Behavior 3
- MGT 3110 - Organization Behavior and Theory 3
- MGT 3210 - Human Resource Management 3
- MGT 3220 - Employment Law 3
- MGT 3240 - Diversity in Organizations 3

Total Hours 15

Minor Guided Electives

Complete one course (3 credit hours) from the following:

- MGT 3230 - Staffing Organizations 3
- MGT 3245 - Compensation and Benefits 3
- MGT 3270 - Negotiating and Conflict Resolution 3
- MGT 3280 - Managing Employee Performance 3
- MGT 3290 - International Human Resources 3
- MGT 440I - Management Internship 1 to 6

Total Hours 3

Total Hours 18

Management Minor

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

Minoring in Management provides a firm foundation of the challenges and varied opportunities of a managerial career. The Management Minor requires 21-27 hours predominantly in Accounting, Economics, and Management. An advisor directs the student to those upper division courses most applicable to their major.

Minor Requirements

- ACCT 2001 - Foundations of Accounting 3
or
ACCT 2010 Principles of Accounting I / ACCT 201L
and
ACCT 2020 Principles of Accounting II
- ECON 3220 - Managerial Economics 3

or
ECON 2100 Principles of Macroeconomics
and
ECON 2200 Principles of Microeconomics
- MGT 2010 - Principles of Management and Organizational Behavior 3

Total Hours 9-15

Minor Guided Electives

Complete 12 hours from select MGT courses.

Total Hours 12

Total Hours 21-27

Marketing Minor

Chair: Amye Melton

Location: Kimbrough Bldg., Room 237

Phone: 931-221-6132

Email: meltona@apsu.edu

Website: <http://www.apsu.edu/business>

Minor in Marketing provides a firm foundation of strategic thinking that determines the needs of a company or consumer and the development of solutions to meet those needs. The Marketing Minor requires 21-27 hours predominantly in Accounting, Economics, and Marketing. An advisor directs the student to those upper division courses most applicable to their major.

Minor Requirements

- ACCT 2001 - Foundations of Accounting 3
or
ACCT 2010 Principles of Accounting I / ACCT 201L
and
ACCT 2020 Principles of Accounting II
- ECON 3220 - Managerial Economics 3
or
ECON 2100 Principles of Macroeconomics
and
ECON 2200 Principles of Microeconomics
- MKT 2010 - Principles of Marketing 3

Total Hours 9-15

Minor Guided Electives

Complete 12 hours from MKT 3000-4999 (except MKT 3001)

Total Hours 12

Total Hours 21-27

College of Education

Martha Dickerson Eriksson College of Education

Location: Claxton, 210

Phone: 931-221-7511

Website: www.apsu.edu/educ/

Vision, Mission, and Commitments of the Eriksson College of Education

Vision Statement:

The Eriksson College of Education prepares dynamic teachers and educational leaders to positively impact communities and schools in the 21st century.

Mission Statement:

The mission of the Eriksson College of Education at Austin Peay State University is to prepare educators who are ethical, engaged, and effective leaders. We do so by modeling reflective practice and connecting theory to student-centered learning. We leverage the strengths of our community to foster continuous improvement to re-imagine how schools can work.

Commitments:

1. **Promote Curiosity through Experiential Learning**
Our student-centered programs, practices and curricula foster intellectual curiosity, problem-solving, and inquiry based on research and theory.
2. **Support Reflective Practitioners**
Our faculty and students engage in honest self-reflection and strive to meet the needs of a diverse society.
3. **Empower Change Agents and Ethical Leaders**
We are deeply committed to social justice.
4. **Value Diversity and Equity**
We seek opportunities to learn from multiple perspectives and diverse voices.
5. **Foster Campus and Community Relationships**
Our partnerships extend within and beyond the campus to build collaborative relationships with school districts and community leaders.

Strategic Profile

The College of Education offers undergraduate and graduate programs with emphasis on professional preparation of teachers and other school personnel. The College of Education is divided into major instructional areas including PreK-3, Middle Grades Math, Middle Grades Science, Middle Grades Social Studies, Special Education, and various secondary education and K-12 specialty fields. The Professional Education minor is required for all initial teacher licensure programs. Teacher licensure is available at undergraduate, post-baccalaureate, and graduate levels. Advanced graduate programs are also available in Educational Leadership Studies, Curriculum and Instruction (with specialization in special education, instructional technology, mathematics, and advanced studies), and Reading.

Accreditation

The Council for the Accreditation of Educator Preparation, CAEP, accredits the professional education unit at Austin Peay State University. The Tennessee Department of Education approves all programs that lead to teaching licensure. Consistent with CAEP and TN State Standards and guidelines, a conceptual framework (Preparing Professionals through Standards-Based Practices) has been established. The professional education unit has adopted standards-based "program outcomes" for all programs of study. An electronic assessment system collects and uses candidate and unit performance data to improve our programs. All programs of study will collect evidence of students' knowledge, skills, and dispositions.

Program Information

Undergraduate Major Programs: The College of Education offers two majors: Education with concentrations in: PreK-3, K-5; 6- 8 Math, 6-8 Social Studies, 6-8 Science and Special Education with concentration in K-12 Comprehensive, K-8 Interventionist 6-12 Interventionist.

Licensure Program: Majors for licensure programs at the secondary level are offered in academic departments. Refer to specific disciplines in this Bulletin.

Academic Requirements for Degree: All students should be informed concerning general requirements for a baccalaureate degree and the specific Liberal Arts core courses that apply to teacher licensure as they differ from other degree programs.

Post-baccalaureate Licensure: Holders of degrees from APSU or other universities who seek to complete a teacher education program post-baccalaureate are required to meet state and/or departmental requirements. (See the Office of Teacher Licensure in Claxton 206 for evaluation.) Some post-baccalaureate coursework may be applicable toward a graduate degree.

Additional Requirements for Licensure in other States: Students seeking licensure in other states should consult with their advisor and the Teacher Licensure Officer regarding additional requirements. For requirements in other states, the student should consult the respective state's Department of Education.

Academic Major

The teacher candidate should follow the major or the teaching major in the academic department as listed in this Bulletin. Students should consult both their academic major and education advisors and meet requirements for admission to teacher education given below.

NOTE: Additional courses in the academic department may be required for the student seeking licensure.

Admission Requirements

ADMISSION OF CANDIDATES TO THE TEACHER EDUCATION PROGRAM

Provisional admission to the program typically occurs at the midpoint of the sophomore year. Application for admission is based upon a Transition II performance review. Full admission to the program occurs in the semester prior to clinical teaching. Application for admission is based upon Transition III performance review. Contact the Teacher Licensure Office in Claxton 228 for details.

Teacher Candidate Admissions

To complete the teacher education program and obtain a teaching license, students must progress through the four milestones described below:

Transition I -- Candidacy Status

- Completion of EDUC 2100/EDUC 5500 or equivalent with "C" or better
- Minimum 2.5 GPA
- Evidence of Professional Dispositions

Transition II -- Provisional Status

- Minimum 2.75 GPA
- Minimum of "C" in Professional Minor courses
- Evidence of Professional Dispositions
- Minimum Praxis I (CASE Reading—156; Writing—162; and Math—150 or ACT—22; SAT—1020) or GRE (Verbal—350 and Quantitative—350) for graduate students
- Completion of security clearance by TBI/FBI

Transition III -- Clinical Status

- 2.75 GPA
- Minimum grade of "C" in all professional Education courses
- Passing all required Praxis II tests (see list of testing requirements for specific tests on College of Education Website)
- Completion of all courses required for licensure/degree
- Successful mastery of Austin Peay Professional Teaching Standards I-VII
- Evidence of Professional Disposition
- Completion of security clearance by TBI/FBI

Transition IV -- Induction Status

- Acceptable level for knowledge and skills identified for Transition III through
- Successful completion of edTPA
- Evidence of Professional Dispositions
- Successful completion of clinical placement seminars
- Passing grades in both clinical placements
- Completion of all licensure requirements
- Completion of security clearance by TBI/FBI

Future Changes in Teacher Education

State Board of Education policy changes take precedence over the licensure programs in this Bulletin. Some of these changes and certain college-initiated changes may occur before this Bulletin is replaced with another edition. Education advisors will be able to provide information about current requirements. Such changes are posted on the College of Education Website.

Preparation for Secondary School Teachers

(Licensure for 7-12 OR K-12)

This curriculum is designed for students who desire a degree in the arts or sciences with licensure to teach in the secondary school (grades 7-12) or to teach art, health and physical education, or music (grades K-12). All requirements for provisional and full admission to teacher education apply to these programs of study. Students must complete a General Education requirement, an appropriate major, and the Professional Education minor totaling 120 hours or more. Students seeking licensure in 7-12 or K-12 programs must complete the General Education requirement for the B.A. or B.S. degree as designated in this Bulletin. Courses completed must satisfy required state licensure guidelines.

Additional Teaching Endorsements

Contact the Licensure Office in Claxton 228 for specific requirements for add-on endorsements.

Additional Teaching Endorsements

Contact the Licensure Office in Claxton 228 for specific requirements for add-on endorsements.

Department of Teaching and Learning

Location: Claxton, 304

Phone: 931-221-7696

Website: www.apsu.edu/educ/

Description of Major

To Teach Grades K-5, Middle Grades Math 6-8, Middle Grades Science 6-8, Pre - K-3.

This curriculum is designed for, but not limited to, students who are preparing to teach the elementary grades, K-5, middle grades, 6-8 or early primary grades, PreK-3. For those seeking licensure, the program consists of General Education Core classes, a major in Education and a minor in Professional Education. Field experiences in several classes in each licensure area and a semester of student teaching provides practical authentic learning experiences preparing our teacher candidates to enter the classroom ready to teach.

Programs:

Bachelor of Science

- Education (B.S.)
- Special Education (B.S.)

Certificate

- Career and Technical Licensing Certificate
- Teaching English to Speakers of Other Languages (TESOL) Certificate

Concentration

- 6-8 Middle School (Math) Concentration
- 6-8 Middle Grades (Science) Concentration
- 6-8 Middle School (Social Studies) Concentration
- 6-12 Interventionist Concentration
- 6-12 Secondary Biology Education Concentration
- 6-12 Secondary Chemistry Education Concentration
- 6-12 Secondary Earth Science Concentration
- Education Non-Licensure Concentration
- K-5 Licensure Program Concentration
- K-12 Comprehensive Concentration
- PreK-3 Concentration

Minors (non-degree)

- English Language Learners (ELL) Minor
- Professional Education Minor
- Professional Education Minor for Secondary and K-12 Education
- Special Education K-8 Interventionist Minor
- Teaching English to Speakers of Other Languages Minor

Education, (B.S.)

Location: Claxton, 210

Phone: 931-221-7696

Website: www.apsu.edu/educ/

Description of Major

To Teach Grades K-5, Middle Grades Math 6-8, Middle Grades Science 6-8, or Pre - K-3

This curriculum is designed for, but not limited to, students who are preparing to teach elementary grades (K-5), middle grades (6-8), or Early Childhood, PreK-3. For those seeking a teaching license, the program consists of a unique General Education core, a major in the specific grade level education program, and a minor in Professional Education. Students will Student Teach during their final semester. Students are required to have a GPA of 2.75 for acceptance into the College of Education. All EDUC course require a grade of C or better. Students are required to successfully complete all four program Transition Points prior to graduation.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link:

[K-5 and Middle Grades Handbook](#)

[PreK-3 Handbook](#)

Program CIP Code

08.13.1206.00

Concentrations

- 6-8 Middle Grades (Science) Concentration
- 6-8 Middle School (Math) Concentration
- 6-8 Middle School (Social Studies) Concentration
- 6-12 Secondary Biology Education Concentration
- 6-12 Secondary Chemistry Education Concentration
- 6-12 Secondary Earth Science Education Concentration
- Education Non-Licensure Concentration
- K-5 Licensure Program Concentration
- PreK-3 Concentration

6-8 Middle School (Math) Concentration

Students electing this program will be licensed to teach middle grades Math 6 - 8 in Tennessee.

Program CIP Code

08.13.1206.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

- EDUC 2100 - Foundations of Education 3
- MATH 1410 - Structure of Mathematical Systems I 3
- MATH 1420 - Structure of Mathematical Systems II 3
- MATH 1550 - Statistics and Probability for K-8 Teachers 3
- MATH 1730 - Precalculus 4
- MATH 1910 - Calculus I 4
- MATH 1920 - Calculus II 4
- SPED 2300 - Introduction to Special Education 3

Total Hours 27

Upper Division Courses

- EDUC 3001 - Educational Psychology - Secondary Education 3
- EDUC 4081 - Classroom Organization and Management - Secondary 3
- EDUC 4090 - Middle School Methods and Curriculum 3
- EDUC 4161 - Teaching Diverse Students 3
- EDUC 4271 - Classroom Evaluation and Assessment 3
- MATH 4020 - Geometry for Teachers 3
- MATH 4030 - Problem Solving for Elementary and Middle School Teachers 3
- MATH 4150 - Teaching Mathematics in Grades 4-6 3
- MATH 4200 - Mathematics Content and Pedagogy for Middle School 3
- PSYC 3200 - Adolescent Development 3

- RDG 4020 - Teaching Reading in the Primary Grades 3
- RDG 4040 - Content Reading 3
- SPED 4340 - Effective Inclusion Strategies 3

Complete one option from:

Option A:

- EDUC 4510 - Undergraduate Student Teaching Grades 4-5 5
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2

Option B: Job Embedded Pathway *Students must be participating in the Teacher Residency accelerated K-5 program.

- SPED 2301 - Planning and the Learning Environment for Diverse Learners 3
- SPED 3300 - Characteristics of Students with Mild/Moderate Disabilities 3
- SPED 4330 - Behavior Management for Exceptional Students 3
- CSCI 1005 - Introduction to Information Technology 3

Total Hours 51

Total Program Hours 120

6-8 Middle Grades (Science) Concentration

The 6-8 Science Licensure Program at APSU will provide comprehensive coursework that integrates courses in the general education core, the major, and the professional education minor. The 121 hour major prepares candidates to teach in grades 6-8 science by a program that meets all State Standards. In addition to 43 hours of core classes which have been chosen to provide a comprehensive study of writing, history, fine arts, science, and social sciences; students take a 16 hour block of methods courses which prepares them to teach in grades in 6-8. In addition, candidates must complete 28 hours of lower level and upper level science content and 8 hours of science methods courses.

The middle school program is an interdisciplinary major with courses drawn from English, mathematics, science, and social studies. Candidates complete three English courses taught by faculty from Arts and Letters, as well as reading courses from the College of Education. Candidates complete 28 hours of science courses taught by faculty from the College of Mathematics and Sciences. Candidates complete 9 hours of history/social studies taught by faculty from the College of Arts and Letters. Candidates in the 6-8 Science Licensure Program complete 9 hours of reading instruction.

These courses are designed to meet the Tennessee Reading Standards. Candidates complete Rdg 4020 (Teaching Reading) and Rdg 4040 (Content Reading). Candidates begin their initial field experience in Educ 2100. This occurs during the first year of enrollment. They have their next placement during Educ 3070 where they are placed in a class at either the middle or elementary level. In Residency I, they complete a field experience of 5 weeks where they specifically work with special needs students and students from diverse backgrounds.

All candidates earning a license in the 6-8 Science Licensure Program complete two clinical teaching placements totaling 15 weeks. These placements provide candidates opportunities to participate in learning communities and team planning. Candidates who have earned 60 credit hours and have a 3.2 GPA will be eligible to become Eriksson Scholars. Eriksson Undergraduate Scholars are selected students who receive up to \$5,000 each fall and spring semester, to include the semester in which they student-teach, to help them prepare for science and mathematics high school or middle school teaching careers.

Program CIP Code

08.13.1206.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- ASTR 1010 - Planetary Astronomy 3
- ASTR 1011 - Planetary Astronomy Lab 1
- BIOL 1020 - Diversity of Life 3
- BIOL 1021 - Diversity of Life Lab 1

Concentration Requirements

Lower Division Courses

- EDUC 2100 - Foundations of Education 3
- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1
- MATH 1410 - Structure of Mathematical Systems I 3
- MATH 1420 - Structure of Mathematical Systems II 3
- MATH 1550 - Statistics and Probability for K-8 Teachers 3
- SPED 2300 - Introduction to Special Education 3

Total Hours 19

Upper Division Courses

- EDUC 3001 - Educational Psychology - Secondary Education 3
- EDUC 3040 - Instructional Technology 3
- EDUC 4040 - Teaching Social Studies: K-5 3
- EDUC 4081 - Classroom Organization and Management - Secondary 3
- EDUC 4090 - Middle School Methods and Curriculum 3
- EDUC 4161 - Teaching Diverse Students 3
- EDUC 4271 - Classroom Evaluation and Assessment 3
- MATH 4150 - Teaching Mathematics in Grades 4-6 3
- PSYC 3200 - Adolescent Development 3
- RDG 4020 - Teaching Reading in the Primary Grades 3
- RDG 4040 - Content Reading 3
- SCI 4020 - Science Pedagogy 4
- SCI 4030 - Science Curriculum Development 4
- SPED 4340 - Effective Inclusion Strategies 3
- **Complete one option from:**
- **Option A:**
- EDUC 4510 - Undergraduate Student Teaching Grades 4-5 5
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2
- **Option B: Job Embedded Pathway *Students must be participating in the Teacher Residency accelerated K-5 program.**
- CSCI 1005 - Introduction to Information Technology 3
- SPED 2301 - Planning and the Learning Environment for Diverse Learners 3
- SPED 3300 - Characteristics of Students with Mild/Moderate Disabilities 3
- SPED 4330 - Behavior Management for Exceptional Students 3

Total Hours 56

Concentration Guided Electives

Select four (4) credit hours from the courses below and/or any other Upper Level approved Science course.

- BIOL 1040 - Human Biology 3
- BIOL 1041 - Human Biology Lab 1

- CHEM 1010 - Introductory Chemistry I 3
- CHEM 1011 - Introductory Chemistry I Lab 1
- CHEM 1020 - Introductory Chemistry II 3
- CHEM 1021 - Introductory Chemistry II Lab 1
- GEOL 3030 - Environmental Geology 3
- GEOL 3031 - Environmental Geology Lab 1
- PHYS 1010 - Concepts: Motion, Heat, and Sound 3
- PHYS 1011 - Concepts Lab: Motion, Heat, and Sound 1
- PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World 3
- PHYS 1021 - Concepts Lab: Electromagnetism, Light and the Quantum World 1

Total Hours 4

Total Program Hours 121

6-8 Middle School (Social Studies) Concentration

The 6-8 Middle School (Social Studies) Licensure Program at APSU provides comprehensive coursework. The major prepares candidates to teach social studies in grades 6-8. This program meets all state standards. Courses in the major include methods courses with required field experience that prepares candidates to teach in grades 6-8.

The goals of the 6-8 Middle School (Social Studies) Program are to provide candidates with the skills and knowledge to be able to (1) teach the interdisciplinary field of social studies to middle school students, (2) design and implement formative and summative assessment of learning that also informs teaching practice, (3) manage the middle school classroom, and (4) design and implement instruction across the core content areas of history, geography, civics, and economics at the middle grades level.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: 6-8 Middle School (Social Studies).

Program CIP Code

08.13.1206.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- HIST 2010 - Early United States History 3
- HIST 2020 - Modern United States History 3
- POLS 2010 - American National Government 3
- **Complete one course from:**
- GEOG 1035 - World Geography 3
- GEOG 1045 - Popular World Geography 3

Concentration Requirements

Lower Division Courses

- ECON 2000 - Contemporary Economics 3
- EDUC 2100 - Foundations of Education 3

- HIST 2310 - Early World History 3
- HIST 2320 - Modern World History 3
- MATH 1550 - Statistics and Probability for K-8 Teachers 3
- SPED 2300 - Introduction to Special Education 3

Total Hours 18

Upper Division Courses

- EDUC 3001 - Educational Psychology - Secondary Education 3
- EDUC 3040 - Instructional Technology 3
- EDUC 4041 - Middle School Social Studies Methods 3
- EDUC 4081 - Classroom Organization and Management - Secondary 3
- EDUC 4090 - Middle School Methods and Curriculum 3
- EDUC 4161 - Teaching Diverse Students 3
- EDUC 4271 - Classroom Evaluation and Assessment 3
- EDUC 4510 - Undergraduate Student Teaching Grades 4-5 5
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2
- PSYC 3200 - Adolescent Development 3
- RDG 4020 - Teaching Reading in the Primary Grades 3
- RDG 4040 - Content Reading 3
- SPED 4340 - Effective Inclusion Strategies 3

Total Hours 45

Concentration Guided Electives

- Complete nine hours from ECON, GEOG or POLS 1000-4999.
- Complete nine hours from HIST 3000 - 4999.

Total Hours 18

Total Program Hours 123

6-12 Secondary Biology Education Concentration

The 6-12 Secondary Biology Education licensure concentration will prepare teacher candidates who will be competent in both subject matter content and research-based science pedagogy. Successful completion of this concentration will lead to teaching licensure in Tennessee.

Program CIP Code

08.13.1206.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- BIOL 1110 - General Biology I 3
 - BIOL 1111 - General Biology I lab 1
 - MATH 1730 - Precalculus 4
- Four other hours from the major requirements will fulfill the General Education requirement as well.

Concentration Requirements

Lower Division Courses

- CHEM 1110 - General Chemistry I 3
 - CHEM 1111 - General Chemistry I Lab 1
 - CHEM 1120 - General Chemistry II 3
 - CHEM 1121 - General Chemistry II Lab 1
 - EDUC 2100 - Foundations of Education 3
- Complete four hours from:**
- BIOL 1120 - General Biology II 3
 - BIOL 1121 - General Biology II Lab 1
 - BIOL 2400 - Sustaining Biodiversity 4

Total Hours 15

Upper Division Courses

- BIOL 3000 - Biological Methods 3
- BIOL 3001 - Biological Methods Lab 1
- BIOL 3130 - Genetics 3
- BIOL 3131 - Genetics Lab 1
- EDUC 3001 - Educational Psychology - Secondary Education 3
- EDUC 3040 - Instructional Technology 3
- EDUC 4081 - Classroom Organization and Management - Secondary 3
- EDUC 4161 - Teaching Diverse Students 3
- EDUC 4271 - Classroom Evaluation and Assessment 3
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4710 - Undergraduate Student Teaching Grades 9-12 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2
- RDG 4040 - Content Reading 3
- SCI 4020 - Science Pedagogy 4
- SCI 4030 - Science Curriculum Development 4
- SPED 2300 - Introduction to Special Education 3

Total Hours 49

Concentration Guided Electives

Complete eight (8) hours from:

- ASTR 1010 - Planetary Astronomy 3
- ASTR 1011 - Planetary Astronomy Lab 1
- ASTR 1020 - Stellar Astronomy 3
- ASTR 1021 - Stellar Astronomy Lab 1
- CHEM 3500 - Brief Organic Chemistry 3
- CHEM 3501 - Brief Organic Chemistry Lab 1
- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1

Complete twelve (12) hours from:

- BIOL 3050 - General Microbiology 3
- BIOL 3051 - General Microbiology Lab 1
- BIOL 3060 - Zoological Diversity 3
- BIOL 3061 - Zoological Diversity Lab 1
- BIOL 3070 - Botanical Diversity 3
- BIOL 3071 - Botanical Diversity Lab 1
- BIOL 3330 - Principles of Evolution 3
- BIOL 3331 - Principles of Evolution Lab 1
- BIOL 4080 - General Ecology 3

- BIOL 4081 - General Ecology Lab 1
- BIOL 4110 - Animal Physiology 3
- BIOL 4111 - Animal Physiology Lab 1
- BIOL 4120 - Plant Physiology 3
- BIOL 4121 - Plant Physiology Lab 1
- BIOL 4440 - Cell and Molecular Biology 3
- BIOL 4441 - Cell and Molecular Biology Lab 1

Total Hours 20

Total Program Hours 123

6-12 Secondary Chemistry Education Concentration

The 6-12 Secondary Chemistry Education concentration will prepare teacher candidates who will be competent in both subject matter content and research-based science pedagogy. Successful completion of this concentration will lead to teaching licensure in Tennessee.

Program CIP Code

08.13.1206.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1
- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1

Concentration Requirements

Lower Division Courses

- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- EDUC 2100 - Foundations of Education 3
- PHYS 2010 - College Physics I 3
- PHYS 2011 - College Physics I Lab 1
- PHYS 2020 - College Physics II 3
- PHYS 2021 - College Physics II Lab 1
- SPED 2300 - Introduction to Special Education 3

Total Hours 18

Upper Division Courses

- CHEM 3210 - Quantitative Analysis 3
- CHEM 3211 - Quantitative Analysis Lab 1
- CHEM 3610 - Physical Chemistry I 3
- CHEM 3611 - Physical Chemistry I Lab 1
- EDUC 3001 - Educational Psychology - Secondary Education 3
- EDUC 3040 - Instructional Technology 3
- EDUC 4081 - Classroom Organization and Management - Secondary 3
- EDUC 4161 - Teaching Diverse Students 3
- EDUC 4271 - Classroom Evaluation and Assessment 3
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4710 - Undergraduate Student Teaching Grades 9-12 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2
- RDG 4040 - Content Reading 3
- SCI 4020 - Science Pedagogy 4
- SCI 4030 - Science Curriculum Development 4

Total Hours 46

Concentration Guided Electives

Complete one sequence from:

- CHEM 3500 - Brief Organic Chemistry 3
- CHEM 3501 - Brief Organic Chemistry Lab 1
- CHEM 3510 - Organic Chemistry I 3
- CHEM 3511 - Organic Chemistry I Lab 1

Complete one sequence from:

- CHEM 4300 - Brief Biochemistry 3
- CHEM 4301 - Brief Biochemistry Lab 1
- CHEM 4310 - Biochemistry I 3
- CHEM 4311 - Biochemistry I Lab 1
- ASTR 1010 - Planetary Astronomy 3

Complete one sequence from:

- ASTR 1011 - Planetary Astronomy Lab 1
- ASTR 1020 - Stellar Astronomy 3
- ASTR 1021 - Stellar Astronomy Lab 1
- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1

Total Hours 12

Free Electives

Total Hours 4

Total Program Hours 122

6-12 Secondary Earth Science Education Concentration

The 6-12 Secondary Earth Science Education concentration will prepare teacher candidates who will be competent in both subject matter content and research-based science pedagogy. Successful completion of this concentration will lead to teaching licensure in Tennessee.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- ASTR 1010 - Planetary Astronomy 3
- ASTR 1011 - Planetary Astronomy Lab 1
- ASTR 1020 - Stellar Astronomy 3
- ASTR 1021 - Stellar Astronomy Lab 1

Concentration Requirements

Lower Division Courses

- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1
- EDUC 2100 - Foundations of Education 3
- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1
- GEOL 1050 - Historical Geology 3
- GEOL 1051 - Historical Geology Lab 1
- SPED 2300 - Introduction to Special Education 3

Total Hours 22

Upper Division Courses

- EDUC 3001 - Educational Psychology - Secondary Education 3
- EDUC 3040 - Instructional Technology 3
- EDUC 4081 - Classroom Organization and Management - Secondary 3
- EDUC 4161 - Teaching Diverse Students 3
- EDUC 4271 - Classroom Evaluation and Assessment 3
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4710 - Undergraduate Student Teaching Grades 9-12 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2
- GEOG 3450 - Oceanography 3
- GEOG 3451 - Oceanography Lab 1
- GEOG 4170 - Meteorology 3
- GEOG 4171 - Meteorology Lab 1
- GEOL 3030 - Environmental Geology 3
- GEOL 3031 - Environmental Geology Lab 1
- RDG 4040 - Content Reading 3
- SCI 4020 - Science Pedagogy 4
- SCI 4030 - Science Curriculum Development 4

Total Hours 50

Concentration Guided Electives

Complete two sequences (8 hours) from:

- GEOG 3000 - 4999
- GEOL 3000 - 4999

Total Hours 8

Total Program Hours 122

Education Non-Licensure Concentration

The Education Non-Licensure Concentration, while not providing teaching licensure, emphasizes education-related disciplines related to children, adolescents, and their families. These topic-specific courses will help students to obtain their career objectives. Students with this concentration might work with pre-school children, after-school programs, paraprofessionals, and other youth oriented activities and social agencies. In addition, this concentration may serve as preparation for seeking initial teacher licensure at the master's level. Students completing this concentration will need to meet Transition 1 in the teacher education program for the Education major core courses and Transition 2 for major concentration electives.

Program CIP Code

08.13.1206.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Total Hours 42

Major Requirements

- EDUC 2100 - Foundations of Education 3
- EDUC 3040 - Instructional Technology 3
- SPED 2300 - Introduction to Special Education 3
- **Complete one course from:**
- PSYC 3100 - Developmental Psychology 3
- PSYC 3110 - Child Development 3
- PSYC 3200 - Adolescent Development 3
- PSYC 4060 - Group Dynamics 3
- **Complete one course from**
- EDUC 3000 - Educational Psychology 3
- EDUC 3001 - Educational Psychology - Secondary Education 3

Total Hours 14

Concentration Requirements

Choose 6 courses (or 18 credits) from

- EC 2200 - Introduction to Early Childhood Education 3
- EC 3010 - Early Literacy Development 3
- EC 4020 - Developmentally Appropriate Practice: K-3 3
- EC 4030 - Evaluation and Assessment: PreKindergarten--Grade 3 3
- EC 4040 - Problem Solving: Prekindergarten 3
- EC 4080 - Child Guidance and Classroom Management 3
- EC 4170 - Evaluation and Assessment in Early Childhood Education 3
- EDUC 3070 - Instructional Strategies 3
- EDUC 4040 - Teaching Social Studies: K-5 3
- EDUC 4045 - Culture, Communication, and Community in the ELL Classroom 3
- EDUC 4062 - Teaching Grammar to English Language Learners 3
- EDUC 4063 - Reading and Writing Methods for English Language Learners 3
- EDUC 4080 - Classroom Organization and Management 3
- EDUC 4081 - Classroom Organization and Management - Secondary 3
- EDUC 4090 - Middle School Methods and Curriculum 3
- EDUC 4160 - Teaching Diverse Students 3
- EDUC 4161 - Teaching Diverse Students 3
- EDUC 4270 - Classroom Evaluation and Assessment 3
- EDUC 4271 - Classroom Evaluation and Assessment 3
- EDUC 4300 - Essentials of Teaching English Language Learner Students 3
- RDG 4010 - Teaching the Language Arts: K-6 3
- RDG 4020 - Teaching Reading in the Primary Grades 3
- RDG 4030 - Literacy in Upper Elementary Grades 3
- RDG 4040 - Content Reading 3
- RDG 4050 - Literature for Children 3
- SPED 3100 - Early Childhood Special Education 3
- SPED 3200 - Introduction to Autism 3
- SPED 3300 - Characteristics of Students with Mild/Moderate Disabilities 3
- SPED 3330 - Characteristics of Students with Severe Disabilities 3
- SPED 3360 - Characteristics of Gifted Education 3
- SPED 4000 - Literacy for Special Populations 3
- SPED 4330 - Behavior Management for Exceptional Students 3
- SPED 4340 - Effective Inclusion Strategies 3
- SPED 4341 - Effective Inclusion Strategies for Secondary Education 3
- SCI 4020 - Science Pedagogy 4
- SCI 4030 - Science Curriculum Development 4

Total Hours 18

Concentration Guided Electives

- Complete 46 credits in courses from a combination of content areas (lower division and upper division) in consultation with advisor.

Total Hours 46

Total Program Hours 120

K-5 Licensure Program Concentration

The K-5 concentration prepares teaching candidates to earn an Education degree and a TN teaching license for teaching positions in kindergarten to 5th grade. Options in this concentration provide variation in the curriculum for the College of Education Grow-Your-Own (GYO) candidates due to their job placements in our partnering school districts and additional special education certification. These options include courses to support the candidates endorsement in Special Education instruction, along with their license in teaching kindergarten through 5th grade.

Program CIP Code

08.13.1206.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

- MATH 1410 - Structure of Mathematical Systems I 3

Total Hours 3

Upper Division Courses

- EDUC 4040 - Teaching Social Studies: K-5 3
- EDUC 4300 - Essentials of Teaching English Language Learner Students 3
- MATH 4100 - Teaching Mathematics in Grades K-3 3
- MATH 4150 - Teaching Mathematics in Grades 4-6 3
- RDG 4005 - K-3 Foundational Literacy Skills 3
- RDG 4010 - Teaching the Language Arts: K-6 3
- RDG 4020 - Teaching Reading in the Primary Grades 3
- RDG 4030 - Literacy in Upper Elementary Grades 3
- RDG 4050 - Literature for Children 3
- SCI 4020 - Science Pedagogy 4
- SPED 4340 - Effective Inclusion Strategies 3

Total Hours 34

Additional Concentration Requirements

Complete one option from:

Option I

- EDUC 4410 - Undergraduate Student Teaching Grades K-3 5
- EDUC 4510 - Undergraduate Student Teaching Grades 4-5 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2
- MATH 1550 - Statistics and Probability for K-8 Teachers 3

Option II

- SPED 2301 - Planning and the Learning Environment for Diverse Learners 3
- SPED 3300 - Characteristics of Students with Mild/Moderate Disabilities 3
- SPED 4000 - Literacy for Special Populations 3
- SPED 4330 - Behavior Management for Exceptional Students 3

Complete one course from:

- MATH 1530 - Elements of Statistics 3
- MATH 1550 - Statistics and Probability for K-8 Teachers 3

Total Hours 15

Professional Education Minor

Total Hours 24

Free Electives

Total Hours 2

Total Hours 120

PreK-3 Concentration

The PreK-3 Interdisciplinary Studies Program of the Martha Dickerson Eriksson College of Education at Austin Peay State University is designed for candidates who are preparing to teach from PreK to primary grades. For candidates seeking licensure, the program consists of a general education core, a major in Interdisciplinary Studies and a minor in Professional Education. After completing these requirements, students will be entering their junior year and will be taking classes with field experiences required. The student will be placed in the local preschool and elementary school settings to finish observations and various course assignments. During the first semester of their senior year, candidates are placed in a block of courses known as Residency I, during this semester candidates will be in their student teaching placement for three weeks where they will teach a minimum of 2 lessons. Clinical experiences then culminate with a semester of student teaching. Candidates will return to their Residency 1 placement for 13 weeks where they are expected to shadow and teach with their mentor teacher. During the remaining 2 weeks of the semester, the teacher candidate will be assigned by the principal or his/her designee various classrooms to observe and will complete an observation assignment graded by the University Supervisor. The total number of credit hours to complete the program is 125. The four-year plan includes a Liberal Arts Core consisting of 42 credit hours, Early Childhood Education Major with 45 credit hours, and a Professional Education Minor with 23 credit hours and an additional 12 hours of student teaching.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [PreK-3](#).

Program CIP Code

08.13.1206.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

- EC 2200 - Introduction to Early Childhood Education 3
- MATH 1410 - Structure of Mathematical Systems I 3
- MATH 1550 - Statistics and Probability for K-8 Teachers 3

Total Hours 9

Upper Division Courses

- EC 3010 - Early Literacy Development 3
- EC 4020 - Developmentally Appropriate Practice: K-3 3
- EC 4030 - Evaluation and Assessment: PreKindergarten--Grade 3 3
- EC 4040 - Problem Solving: Prekindergarten 3
- EC 4080 - Child Guidance and Classroom Management 3
- EDUC 4300 - Essentials of Teaching English Language Learner Students 3
- EDUC 4310 - Student Teaching PreKindergarten 5
- EDUC 4410 - Undergraduate Student Teaching Grades K-3 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2
- HHP 3190 - Movement Education for Elementary Children 3
- MATH 4100 - Teaching Mathematics in Grades K-3 3
- RDG 4005 - K-3 Foundational Literacy Skills 3
- RDG 4010 - Teaching the Language Arts: K-6 3
- RDG 4020 - Teaching Reading in the Primary Grades 3
- RDG 4050 - Literature for Children 3
- SPED 3100 - Early Childhood Special Education 3
- SPED 4340 - Effective Inclusion Strategies 3

Total Hours 54

Concentration Guided Electives

Complete one course from:

- SOC 2900 - Marriage and the Family 3
- SOC 3060 - Contemporary Issues in the Family 3

Total Hours 3

Minor

The Professional Education Minor is required.

Total Hours 24

Total Program Hours 132

Special Education (B.S.)

Department of Teaching and Learning

Location: Claxton Bldg., Room 304

Phone: 931-221-7518

Website: www.apsu.edu/educ/

Students who major in our K-8 Special Education Interventionist program receive training in working with students with mild/moderate disabilities in today's schools. This program consists on 125 hours of undergraduate coursework in the general education core, professional education minor and the special education major. Throughout the program, students will engage in over 150 hours of field experiences in addition to a full semester of residency II placements (student teaching).

Possible career options:

- Classroom special education teacher (inclusion)
- Special education consultant
- More positions can be identified when under advisement with your academic advisor

Please visit the Special Education handbook for additional program requirements regarding admission, progression, dismissal, and program completion.

Program CIP Code

08.13.1001.00

Concentrations

- K-12 Comprehensive Concentration
- K-8 Interventionist Concentration
- 6-12 Interventionist Concentration

6-12 Interventionist Concentration

This is an undergraduate licensure program in 6-12 Mild/Moderate Disabilities. Students are seeking to earn a concentration in 6/12 SPED with a focus in Biology, 6/12 SPED focus Math, and 6/12 SPED focus English. The Biology program is 125 hours of which 23 hours are Biology courses, not including the 14 core Biology courses. The remaining courses are university core and education minor courses. The Math program is 126 hours and contains 19 hours of math courses (containing 3 have prerequisite courses) not including three core math courses. The remaining courses are university core and education minor courses. The English program is 122 hours and contains 15 hours of English courses, not including three English core courses. The remaining courses are university core and education minor courses.

The goal of this proposed 6-12 Interventionist concentration is to prepare students to implement interventions across multiple disciplines in the 6-12 grade spans.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Special Education](#).

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

- SPED 2300 - Introduction to Special Education 3

Total Hours 3

Upper Division Courses

- EDUC 3000 - Educational Psychology 3
- EDUC 4080 - Classroom Organization and Management 3
- EDUC 4160 - Teaching Diverse Students 3
- SPED 3200 - Introduction to Autism 3
- SPED 3350 - Diagnostic Assessment of Exceptional Students 3
- SPED 3360 - Characteristics of Gifted Education 3
- SPED 4330 - Behavior Management for Exceptional Students 3
- SPED 4340 - Effective Inclusion Strategies 3
- SPED 4370 - Career/Vocational Education for Exceptional Students 3
- SPED 4390 - Assistive Technology in Special Education 3
- SPED 3300 - Characteristics of Students with Mild/Moderate Disabilities 3

Total Hours 33

Concentration Guided Electives

Complete one focus area below (please note focus area is the utilized terminology for Praxis testing purposes)

Biology Focus

- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1
- BIOL 3060 - Zoological Diversity 3
- BIOL 3061 - Zoological Diversity Lab 1
- BIOL 3130 - Genetics 3
- BIOL 3131 - Genetics Lab 1
- BIOL 4080 - General Ecology 3
- BIOL 4081 - General Ecology Lab 1

English Focus

- ENGL 3010 - Studies in American Literature I 3
or
ENGL 3020 - Studies in American Literature II 3
- ENGL 3100 - Studies in British Literature I 3
- ENGL 3130 - Studies in British Literature II 3
- ENGL 3420 - Diversity in Young Adult Literature 3
- ENGL 4400 - Teaching English in Secondary School 3

MATH Focus

- MATH 1730 - Precalculus 4
- MATH 1910 - Calculus I 4
- MATH 3630 - College Geometry 3
- MATH 4200 - Mathematics Content and Pedagogy for Middle School 3
- MATH 4400 - The Teaching of Secondary School Mathematics 3
- MATH 4810 - Senior Seminar 1

Total Hours 15-19

Total Program Hours 125-129

K-8 Interventionist Concentration

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Special Education](#).

Program CIP Code

08.13.1001.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

- EDUC 2100 - Foundations of Education 3
- SPED 2300 - Introduction to Special Education 3
- MATH 1410 - Structure of Mathematical Systems I 3
- MATH 1550 - Statistics and Probability for K-8 Teachers 3
- SPED 2301 - Planning and the Learning Environment for Diverse Learners 3

Total Hours 15

Upper Division Courses

- EDUC 3000 - Educational Psychology 3
- EDUC 3040 - Instructional Technology 3
- EDUC 3070 - Instructional Strategies 3
- EDUC 4160 - Teaching Diverse Students 3
- EDUC 4270 - Classroom Evaluation and Assessment 3
- MATH 4100 - Teaching Mathematics in Grades K-3 3
- MATH 4150 - Teaching Mathematics in Grades 4-6 3
- RDG 4005 - K-3 Foundational Literacy Skills 3
- RDG 4010 - Teaching the Language Arts: K-6 3
- RDG 4020 - Teaching Reading in the Primary Grades 3
- RDG 4030 - Literacy in Upper Elementary Grades 3
- RDG 4050 - Literature for Children 3

- SPED 3300 - Characteristics of Students with Mild/Moderate Disabilities 3
- SPED 3350 - Diagnostic Assessment of Exceptional Students 3
- SPED 4000 - Literacy for Special Populations 3
- SPED 4330 - Behavior Management for Exceptional Students 3
- SPED 4340 - Effective Inclusion Strategies 3
- SPED 4500 - Practicum in Special Education 4

Total Hours 55

Student Teaching

- EDUC 4950 - Undergraduate Student Teaching Seminar 2
Complete two courses from:
- EDUC 4310 - Student Teaching PreKindergarten 5
- EDUC 4410 - Undergraduate Student Teaching Grades K-3 5
- EDUC 4510 - Undergraduate Student Teaching Grades 4-5 5
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4710 - Undergraduate Student Teaching Grades 9-12 5

Total Hours 12

Total Program Hours 124

K-12 Comprehensive Concentration

This is an undergraduate licensure program in K-12 Comprehensive Disabilities. Students are seeking to earn a concentration in comprehensive (severe/profound) disabilities. The program contains 122 hours, of which 60 are university core, 30 are in the special education major and the remaining courses are in the professional education minor. The goal of this proposed K-12 Comprehensive concentration is to prepare students to implement interventions for students with severe/profound disabilities across multiple disciplines throughout the K-12 grade spans.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Special Education](#).

Program CIP Code

08.13.1001.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- MATH 1410 - Structure of Mathematical Systems I 3
- MATH 1550 - Statistics and Probability for K-8 Teachers 3
- SPED 2300 - Introduction to Special Education 3
- SPED 2301 - Planning and the Learning Environment for Diverse Learners 3

Total Hours 12

Upper Division Courses

- SPED 3350 - Diagnostic Assessment of Exceptional Students 3
- SPED 4000 - Literacy for Special Populations 3
- SPED 4330 - Behavior Management for Exceptional Students 3
- SPED 4340 - Effective Inclusion Strategies 3
- SPED 4500 - Practicum in Special Education 4

Total Hours 16

Concentration Requirements

Lower Division Courses

- EDUC 2100 - Foundations of Education 3

Total Hours 3

Upper Division Courses

- EDUC 3000 - Educational Psychology 3
- EDUC 3040 - Instructional Technology 3
- EDUC 3070 - Instructional Strategies 3
- EDUC 4160 - Teaching Diverse Students 3
- MATH 4100 - Teaching Mathematics in Grades K-3 3
- RDG 4010 - Teaching the Language Arts: K-6 3
- RDG 4020 - Teaching Reading in the Primary Grades 3
- RDG 4050 - Literature for Children 3
- SPED 3100 - Early Childhood Special Education 3
- SPED 3330 - Characteristics of Students with Severe Disabilities 3
- SPED 4370 - Career/Vocational Education for Exceptional Students 3
- SPED 4390 - Assistive Technology in Special Education 3

Total Hours 36

Student Teaching

- EDUC 4950 - Undergraduate Student Teaching Seminar 2
Complete two courses from:
- EDUC 4310 - Student Teaching PreKindergarten 5
- EDUC 4410 - Undergraduate Student Teaching Grades K-3 5
- EDUC 4510 - Undergraduate Student Teaching Grades 4-5 5
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4710 - Undergraduate Student Teaching Grades 9-12 5

Total Hours 12

Total Program Hours 121

Career and Technical Licensing Certificate

Program CIP

08.13.1205.00

Certificate Requirements

- EDUC 3001 - Educational Psychology - Secondary Education 3
- EDUC 4080 - Classroom Organization and Management 3
- EDUC 4271 - Classroom Evaluation and Assessment 3
- SPED 2300 - Introduction to Special Education 3

Total Program Hours 12

Teaching English to Speakers of Other Language (TESOL) Certificate

The Teaching English to Speakers of Other Languages (TESOL) Undergraduate Online Certificate Program at Austin Peay State University's College of Education is designed for individuals who are interested in teaching English as a Second/Foreign Language, both within and outside the United States. After successful completion of the program, graduates will be qualified to teach emergent bilinguals whose native language is not English in variety of contexts.

Program CIP

08.13.1401.00

Certificate Requirements

- EDUC 4051 - The Reflective Practitioner 3
- EDUC 4062 - Teaching Grammar to English Language Learners 3
- EDUC 4063 - Reading and Writing Methods for English Language Learners 3
- EDUC 4065 - Assessment of English Language Learner Students 3

Total Hours 12

English Language Learners (ELL) Minor

English Language Learners (ELL) is an academic minor allowing undergraduates to enroll in dual-listed courses to add an ELL endorsement to their existing licensure. Eligible undergraduates must be Education majors or minors with Transition I status.

Minor Requirements

- EDUC 4045 - Culture, Communication, and Community in the ELL Classroom 3
- EDUC 4062 - Teaching Grammar to English Language Learners 3
- EDUC 4063 - Reading and Writing Methods for English Language Learners 3
- EDUC 4065 - Assessment of English Language Learner Students 3
- EDUC 4300 - Essentials of Teaching English Language Learner Students 3
- LING 4040 - How Language Works 3

Total Hours 18

Professional Education Minor

The Professional Education Minor for PK-3 and K-5 Education prepares students for teaching in grades PK-3 and K-5. Successful completion of clinical practice (with seminar) and Tennessee-mandated licensure examinations leads to teaching licensure for the grade levels selected. Testing requirements, electronic portfolio development, and other prerequisites for admission to Teacher Education will require consultation with an education advisor.

Minor Requirements

- EDUC 2100 - Foundations of Education 3
- EDUC 3040 - Instructional Technology 3
- EDUC 3070 - Instructional Strategies 3
- EDUC 4270 - Classroom Evaluation and Assessment 3
- EDUC 4160 - Teaching Diverse Students 3
- EDUC 4080 - Classroom Organization and Management 3
- SPED 2300 - Introduction to Special Education 3
- EDUC 3000 - Educational Psychology 3

Total Hours 24

Student Teaching

- EDUC 4410 - Undergraduate Student Teaching Grades K-3 5
- EDUC 4510 - Undergraduate Student Teaching Grades 4-5 5
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4710 - Undergraduate Student Teaching Grades 9-12 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2

Total Hours 12

Total Hours 36

Professional Education Minor for Secondary and K-12 Education

Department of Teaching and Learning
Location: Claxton, 210
Phone: 931-221-7696
Website: www.apsu.edu/educ/

The Professional Education Minor for Secondary & K-12 Education prepares students for teaching in grades 6-12 and/or selected K-12 programs. Successful completion of clinical practice (with seminar) and Tennessee-mandated licensure examinations leads to teaching licensure for the content area and grade levels selected. Testing requirements, electronic portfolio development, and other prerequisites for admission to Teacher Education will require consultation with an education advisor.

Minor Requirements

- EDUC 2100 - Foundations of Education 3
- EDUC 3001 - Educational Psychology - Secondary Education 3
- EDUC 3040 - Instructional Technology 3
- EDUC 4081 - Classroom Organization and Management - Secondary 3
- EDUC 4161 - Teaching Diverse Students 3
- EDUC 4271 - Classroom Evaluation and Assessment 3
- RDG 4040 - Content Reading 3
- SPED 4341 - Effective Inclusion Strategies for Secondary Education 3

Total hours 24

Student Teaching

Complete 12 hours of Student Teaching at the appropriate level:

- EDUC 4410 - Undergraduate Student Teaching Grades K-3 5
- EDUC 4510 - Undergraduate Student Teaching Grades 4-5 5
- EDUC 4610 - Undergraduate Student Teaching Grades 6-8 5
- EDUC 4710 - Undergraduate Student Teaching Grades 9-12 5
- EDUC 4950 - Undergraduate Student Teaching Seminar 2

Total Hours 12

Total Hours 36

Special Education K-8 Interventionist Minor

Special Education Minor is an integrated approach designed to prepare general education practitioners with the skills needed to teach in today's inclusive classroom. This systematic approach provides pre-service teachers with a clearly defined path focused on the foundations of education and cognitive interventions to ensure candidates graduate with the knowledge needed to support all learners.

Minor Requirements

- SPED 2300 - Introduction to Special Education 3
- SPED 3300 - Characteristics of Students with Mild/Moderate Disabilities 3
- SPED 3350 - Diagnostic Assessment of Exceptional Students 3
- SPED 4000 - Literacy for Special Populations 3
- SPED 4330 - Behavior Management for Exceptional Students 3
- SPED 4340 - Effective Inclusion Strategies 3

Total Hours 18

Teaching English to Speakers of Other Languages (TESOL) Minor

Undergraduate TESOL Minor offered at College of Education at Austin Peay State University is an 100% online interdisciplinary program. It is designed to produce graduates who possess essential and qualified pedagogical skills in TESOL curriculum and instruction.

Minor Requirements

- EDUC 4051 - The Reflective Practitioner 3
- EDUC 4062 - Teaching Grammar to English Language Learners 3
- EDUC 4063 - Reading and Writing Methods for English Language Learners 3
- EDUC 4065 - Assessment of English Language Learner Students 3
- LING 4080 - Theories in Second Language Acquisition 3
- RDG 4053 - Teaching Language Arts and Literature to English Language Learners 3

Total Program Hours 18

College of Science, Technology, Engineering and Mathematics

Location: Technology Building, Room 105

Phone: 931-221-7971; Fax: 931-221-7984

e-mail: meischk@apsu.edu or shearond@apsu.edu

Website: <http://www.apsu.edu/costem/>

The College of Science, Technology, Engineering and Mathematics (CoSTEM) provides studies for students in the areas of agriculture, astronomy, biology, chemistry, computer science, engineering physics, engineering technology, geosciences, information technology, mathematics, medical technology, radiologic technology, and physics. Our outstanding discipline-based programs are student-centered and designed to prepare students for responsible positions at all levels of research, industry, education, medicine, and government positions. We emphasize degree programs relevant to regional economic and market trends, designed to enable graduates to compete in the global economy and foster lifelong learning skills.

Our mission is to promote scientific literacy while emphasizing the process, content, and interdisciplinary nature of science. Additionally, our mission is to develop critical thinking skills, to enhance verbal and written communication abilities, encourage reasoned debate on scientific issues, and promote civic responsibility.

Our goal is to provide professional training at the undergraduate and graduate levels, while serving as a foundation for a career in science, technology, engineering or mathematics, as well as to provide training for allied health profession and pre-professional training in preparation for careers in medicine, dentistry, pharmacy, and veterinary science. In addition, we encourage collaborative research with faculty, internships, and other learning experiences that facilitate transition to work or graduate and professional education.

Choosing Your Major

Please review the College of Science, Technology, Engineering and Mathematics website to review the various majors available in their college. Students will be able to access detailed information about each major which will assist them with choosing their major. For more information about the pre-professional health minor and the individual programs click on the following link: <https://www.apsu.edu/costem/>

Pre-Professional Health and Pre-Professional Programs

Pre-Professional Health Programs and other Pre-Professional programs (meaning students must attend a graduate program after completing their undergraduate degree), all require a unique set of pre-requisites that are dependent on each graduate program. Students wishing to pursue a pre-professional health program such as Pre-Medicine can locate detailed information about each of the programs on the Pre-Professional Health Programs' website. Go to the link below:

<https://www.apsu.edu/costem/pre-professional-health/index.php>

Centers and Research Opportunities in the College of STEM

Careers in Science, Technology, Engineering and Mathematics (STEM) all require a strong discipline knowledge base, as well as real world application of critical thinking and technical skills. In the College of STEM we are proud to offer our students many

opportunities for these real-world experiences and application of critical thinking and technical skills. Many of these opportunities exist within our three Centers and Institute in CoSTEM as well as within each department.

The Center of Excellence for Field Biology is the only state appointed Center of Excellence dedicated to the study and preservation of biodiversity in the southeastern United States. Center researchers use field-based methods, along with laboratory approaches and bioinformatics, to address questions in ecology, evolution, systematics, and conservation. In addition, the headquarters for the Southeastern Grasslands Institute (SGI), which works to conserve, restore, and promote native grasslands of all types throughout the Southeast is housed in the College of STEM. Faculty, students and staff collaborate with 13 states to advance the hard work of discovering, conserving, and restoring species in our native grasslands.

The Geographic Information Systems Center (GIS Center), is comprised of researchers, professionals, and students who all come together to deliver innovative results for their clients' needs and grant opportunities. The GIS Center has professionals in mapping, spatial data, mobile applications, desktop software, and more. Students and faculty collaborate with the GIS Center to provide small businesses and counties with the best value by maximizing any budget.

The Farm and Environmental Education Center is located within the city of Clarksville, and is composed of 440 acres of land that affords a bounty of environmental habitats and supplies immeasurable support to academic programs at Austin Peay, as well as to the community and state. Available for study through the Farm are livestock, crops, forests, wildlife and land formations. A state of the art \$1-million Animal Science teaching facility is now operational and available for classes, labs and other agriculture activities.

Department of Agriculture

College of Science, Technology, Engineering and Mathematics

Location: Sundquist Science Complex, D232

Phone: 931-221-7272

Website: www.apsu.edu/agriculture/

Programs:

Bachelor of Science

- General Agriculture (B.S.)

Concentration

- Agri-Business Concentration
- Agri-Communication Concentration
- Agri-Science Concentration
- Pre-Veterinary Medicine Concentration
- Sustainable Development Concentration
- Veterinary Technology Concentration

Minors (non-degree)

- Agriculture Minor

General Agriculture (B.S.)

Location: Sundquist Science Complex, Room D232

Phone: 931-221-7272

Website: www.apsu.edu/agriculture/index.php

Description of Major

The Department of General Agriculture at Austin Peay State University is part of the College of Science and Mathematics. The department, including faculty offices and classrooms, is housed in the Sundquist Science Complex. The department currently has four full-time faculty members and three adjunct faculty members, with approximately 250 agriculture majors including those in the pre-professional programs. The department oversees the 440-acre Farm and Environmental Education Center, which is located three miles from the main campus which has a \$1.2 million Animal Science teaching facility. The FEEC is used by the department for laboratories, field trips, and land-judging contests. Private farms and agriculture industries also are used to support classroom learning activities.

Career Opportunities

A recent national study predicts a shortage of college graduates in agriculture in the areas of management and science. Graduates with management and financial skills will be in demand. Agri-business, government agencies and related industries need managers and technicians who can communicate with farmers. Graduates who broaden their agricultural experiences with courses in business and computers can enhance their opportunities for employment in agriculture. The agri-business and agri-science concentrations especially are designed for this type of opportunity. Graduates from the department also are regularly accepted at many different graduate schools such as Clemson University, Mississippi State, Penn State, University of Georgia, University of Kentucky, University of Tennessee and others.

Students majoring in Agriculture will select one of six concentrations: Agri-Business, Agri-Science, Agri-Communications, PreVeterinary Medicine, Sustainable Development or Veterinary Technology. In each case, a strong broad-based understanding of American agriculture will be developed.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Veterinary Technology](#).

Program CIP Code

01.01.0000.00

Concentrations

- Agri-Business Concentration
- Agri-Communication Concentration
- Agri-Science Concentration
- Pre-Veterinary Medicine Concentration
- Sustainable Development Concentration
- Veterinary Technology Concentration

Agri-Business Concentration

Agri-Business is designed to prepare students for jobs in agricultural businesses and includes additional courses in marketing, management, economics, and accounting.

Program CIP Code

01.01.0000.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements that Satisfy General Education Core

- GEOG 1015 - Physical Geography 3
- MATH 1530 - Elements of Statistics 3
- Complete one option from:
- BIOL 1010 - Introduction to Biology 3
- BIOL 1011 - Introduction to Biology Lab 1
- OR
- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- Complete one option from:
- CHEM 1010 - Introductory Chemistry I 3
- CHEM 1011 - Introductory Chemistry I Lab 1
- OR
- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1

Major Core Requirements

- AGRI 1310 - Animal Science 3
- AGRI 3500 - Agriculture Economics 3
- AGRI 4430 - Genetics of Crops and Livestock 3
- Complete one from:
- AGRI 1410 - Plant Science 3
- AGRI 1411 - Plant Science Lab 1
- OR
- AGRI 3420 - Forage Crops 3
- Complete one from:

- AGRI 2210 - Soils 3
- AGRI 2211 - Soils Lab 1
OR
- AGRI 4230 - Land Use 3
Complete one from:
- AGRI 2011 - Computer Skills for Agriculture Professionals 1
- AGRI 4020 - Agriculture Seminar 1
- AGRI 4030 - Senior Success Seminar 1
OR
- AGRI 3180 - Ethics of Animal Use 3
OR
- AGRI 3380 - Companion Animal Management 3
Complete one from:
- AGRI 4500 - Farm Planning and Management 3
- AGRI 4501 - Farm Planning and Management Lab 1
OR
- AGRI 3110 - Animal Health and Disease 3

Total Hours 21-24

Concentration Requirements

Lower Division Courses

- AGRI 1410 - Plant Science 3 / AGRI 1411 - Plant Science Lab 1
or AGRI 3420 - Forage Crops 3
- AGRI 2500 - Introduction to Agri Business 3
- GEOL 1040 - Physical Geology 3 / GEOL 1041 1 (lab)
or BIOL 1020 - Diversity of Life 3 / BIOL 1021 1 (lab)
or BIOL 1120 - General Biology II 3 / BIOL 1121 1
- ECON 2100 - Principles of Macroeconomics 3
- CHEM 1010 - Introductory Chemistry I 3 / CHEM 1011 1 (lab)
or CHEM 1110 - General Chemistry I 3 / CHEM 1111 1
- CHEM 1020 - Introductory Chemistry II 3 / CHEM 1021 1 (lab)
or CHEM 1120 - General Chemistry II 3 / CHEM 1121 1
- AGRI 2011 - Computer Skills for Agriculture Professionals 1

Total Hours 22

Upper Division Courses

- AGRI 3500 - Agriculture Economics 3
Complete one option from:
- AGRI 2011 - Computer Skills for Agriculture Professionals 1
- AGRI 4020 - Agriculture Seminar 1
- AGRI 4030 - Senior Success Seminar 1
or AGRI 3380 - Companion Animal Management 3
or AGRI 3180 - Ethics of Animal Use 3

Total Hours 6

Concentration Guided Electives

Complete five (5) courses from:

- ACCT 2001 - Foundations of Accounting 3
- AGRI 3050 - Agricultural Leadership, Education and Communication 3
- AGRI 3510 - Agricultural Marketing and Futures 3
- AGRI 4050 - Agricultural Policy and Trade 3
- AGRI 4510 - Agricultural Finance 3
- MGT 3300 - Social, Legal, and Political Environment of Business 3
or MT 2250 - Introduction to Business Law 3
or MKT 2010 - Principles of Marketing 3

Total Hours 15

Total Program Hours 120 - 122

Agri-Communication Concentration

Agri-Communications is designed to prepare students for jobs in agricultural journalism or communication, and includes additional courses in journalism, broadcasting, and photography.

Program CIP Code

01.01.0000.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ECON 2100 - Principles of Macroeconomics 3
- BIOL 1010 - Introduction to Biology 3 / BIOL 1011 1 (lab)
or BIOL 1110 - General Biology I 3 / BIOL 1111 1 (lab)
- CHEM 1010 - Introductory Chemistry I 3 / CHEM 1011 1 (lab)
or CHEM 1110 - General Chemistry I 3 / CHEM 1111 1 (lab)
- MATH 1530 - Elements of Statistics 3 (Recommended)

Total Hours 14

Major Core Requirements

- AGRI 1310 - Animal Science 3
- AGRI 3500 - Agriculture Economics 3
- AGRI 4430 - Genetics of Crops and Livestock 3
- **Complete one from:**
- AGRI 1410 - Plant Science 3
- AGRI 1411 - Plant Science Lab 1
- OR
- AGRI 3420 - Forage Crops 3
- **Complete one from:**
- AGRI 2210 - Soils 3
- AGRI 2211 - Soils Lab 1
- OR
- AGRI 4230 - Land Use 3
- **Complete one from:**
- AGRI 2011 - Computer Skills for Agriculture Professionals 1

- AGRI 4020 - Agriculture Seminar 1
- AGRI 4030 - Senior Success Seminar 1
OR
- AGRI 3180 - Ethics of Animal Use 3
OR
- AGRI 3380 - Companion Animal Management 3
Complete one from:
- AGRI 4500 - Farm Planning and Management 3
- AGRI 4501 - Farm Planning and Management Lab 1
OR
- AGRI 3110 - Animal Health and Disease 3

Total Hours 21-24

Concentration Requirements

Lower Division Courses

- AGRI 1410 - Plant Science 3 / AGRI 1411 1 (lab)
- COMM 1110 - Media and Social Institutions 3
- COMM 2000 - Media Writing 3
- AGRI 2011 - Computer Skills for Agriculture Professionals 1

Total Hours 11

Upper Division Courses

- AGRI 3050 - Agricultural Leadership, Education and Communication 3
- AGRI 4020 - Agriculture Seminar 1
- AGRI 4030 - Senior Success Seminar 1
- BIOL 3130 - Genetics 3
- BIOL 3131 - Genetics Lab 1
- COMM 3200 - Copy Editing 3
- COMM 3920 - Writing for Professional Communication 3
- COMM 4150 - Feature Writing 3

Total Hours 18

Concentration Guided Electives

Complete 18 additional hours in AGRI coursework.

Complete three hours in COMM Broadcasting electives.

Total Hours 21

Free Electives

Students should complete 8-11 credit hours from any additional courses.

Total Hours 19-22

Total Program Hours 120

Agri-Science Concentration

Agri-Science is designed to prepare students for graduate schools or for jobs requiring technical knowledge of agriculture, and includes additional courses in basic and applied sciences.

Program CIP Code

01.01.0000.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ECON 2100 - Principles of Macroeconomics 3
- BIOL 1010 - Introduction to Biology 3 / BIOL 1011 1 (lab)
or BIOL 1110 - General Biology I 3 / BIOL 1111 1 (lab)
- CHEM 1010 - Introductory Chemistry I 3 / CHEM 1011 1 (lab)
or CHEM 1110 - General Chemistry I 3 / CHEM 1111 1 (lab)

Total Hours 11

Major Core Requirements

- AGRI 1310 - Animal Science 3
- AGRI 3500 - Agriculture Economics 3
- AGRI 4430 - Genetics of Crops and Livestock 3
- **Complete one from:**
- AGRI 1410 - Plant Science 3
- AGRI 1411 - Plant Science Lab 1
- OR
- AGRI 3420 - Forage Crops 3
- **Complete one from:**
- AGRI 2210 - Soils 3
- AGRI 2211 - Soils Lab 1
- OR
- AGRI 4230 - Land Use 3
- **Complete one from:**
- AGRI 2011 - Computer Skills for Agriculture Professionals 1
- AGRI 4020 - Agriculture Seminar 1

- AGRI 4030 - Senior Success Seminar 1
OR
- AGRI 3180 - Ethics of Animal Use 3
OR
- AGRI 3380 - Companion Animal Management 3
Complete one from:
- AGRI 4500 - Farm Planning and Management 3
- AGRI 4501 - Farm Planning and Management Lab 1
OR
- AGRI 3110 - Animal Health and Disease 3

Total Hours 21-24

Concentration Requirements

Lower Division Courses

- AGRI 2011 - Computer Skills for Agriculture Professionals 1
- AGRI 1410 - Plant Science 3 / AGRI 1411 1 (lab)
- GEOL 1040 - Physical Geology 3 / GEOL 1041 1 (lab)
or BIOL 1020 - Diversity of Life 3 / BIOL 1021 1 (lab)
- AGRI 2210 - Soils 3 / AGRI 2211 1 (lab)
- ECON 2100 - Principles of Macroeconomics 3
- MATH 1530 - Elements of Statistics 3 (recommended but not required)
- CHEM 1010 - Introductory Chemistry I 3 / CHEM 1011 1 (lab)
or CHEM 1110 - General Chemistry I 3 / CHEM 1111 1 (lab)
- CHEM 1020 - Introductory Chemistry II 3 / CHEM 1021 1 (lab)
or CHEM 1120 - General Chemistry II 3 / CHEM 1121 1 (lab)
- GEOG 1015 - Physical Geography 3

Total Hours 25

Upper Division Courses

- AGRI 3310 - Animal Nutrition and Feeding 3 / AGRI 3311 1 (lab)
- AGRI 3420 - Forage Crops 3
- AGRI 4020 - Agriculture Seminar 1
- AGRI 4030 - Senior Success Seminar 1
- AGRI 4220 - Soil and Water Conservation 2 / AGRI 4221 1 (lab)

Total Hours 12

Concentration Guided Electives

Complete 6 to 8 hours from:

- AGRI 3100 - Anatomy and Physiology of Domestic Animals 2 / AGRI 3101 1 (lab)

- AGRI 4140 - Economic Entomology 3
- AGRI 4210 - Soil Genesis, Taxonomy, Mapping 2 / AGRI 4211 1 (lab)
- AGRI 4310 - Reproduction in Farm Animals 3 / AGRI 4311 1 (lab)
- AGRI 4420 - Forestry 2 / AGRI 4421 1 (Lab)
- AGRI 4440 - Plant Pathology 3
- BIOL 4020 - Biological Sciences and Geographic Information Systems 3 / BIOL 4021 1 (lab)
- BIOL 4080 - General Ecology 3 / BIOL 4081 1 (lab)
- CHEM 3500 - Brief Organic Chemistry 3 / CHEM 3501 1 (lab)
- CHEM 3510 - Organic Chemistry I 3 / CHEM 3511 1 (lab)
- CHEM 3520 - Organic Chemistry II 3 / CHEM 3521 1 (lab)
- GEOG 3150 - Geographic Information Systems I 3 / GEOG 3151 1 (lab)
- GEOG 3920 - Field Mapping and Global Positioning System 3

Total Hours 6-8

Additional Elective

Complete ten (10) credit hours of additional AGRI credits.

Total Hours 10

Free Electives

Total Hours 20-22

Total Program Hours 120

Pre-Veterinary Medicine Concentration

APSU offers a pre-veterinary medicine program that prepares students for successful application to veterinary schools institutions like the University of Tennessee, and Auburn University and includes additional courses to complete B.S. degree requirements and to improve the students' chances for success in veterinary school. At the completion of this program, students are expected to graduate from APSU with a B.S. in Agriculture, and have met the admissions requirements of most colleges of veterinary medicine in North America.

Program CIP Code

01.01.0000.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements that Satisfy General Education Core

- PHYS 2010 - College Physics I 3
- PHYS 2011 - College Physics I Lab 1
- PHYS 2020 - College Physics II 3
- PHYS 2021 - College Physics II Lab 1

Major Requirements

Lower Division Courses

- AGRI 1310 - Animal Science 3

Total Hours 3

Upper Division Courses

- AGRI 3110 - Animal Health and Disease 3
- AGRI 3420 - Forage Crops 3
- AGRI 3500 - Agriculture Economics 3
- AGRI 4230 - Land Use 3
- **Complete one course from:**
- AGRI 3180 - Ethics of Animal Use 3

or

- AGRI 3380 - Companion Animal Management 3

Complete one from:

- AGRI 4430 - Genetics of Crops and Livestock 3

or

- BIOL 3130 - Genetics 3 / BIOL 3131 - Genetics Lab 1

Total Hours 18-19

Concentration Requirements

Lower Division Courses

- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1

Total Hours 8

Upper Division Courses

- AGRI 3310 - Animal Nutrition and Feeding 3
- AGRI 3311 - Animal Nutrition and Feeding Lab 1
- BIOL 4440 - Cell and Molecular Biology 3
- BIOL 4441 - Cell and Molecular Biology Lab 1
- CHEM 3510 - Organic Chemistry I 3
- CHEM 3511 - Organic Chemistry I Lab 1
- CHEM 3520 - Organic Chemistry II 3
- CHEM 3521 - Organic Chemistry II Lab 1

Complete one option from:

- CHEM 4300 - Brief Biochemistry 3
- CHEM 4301 - Brief Biochemistry Lab 1

or

- CHEM 4310 - Biochemistry I 3
- CHEM 4311 - Biochemistry I Lab 1

and

- CHEM 4320 - Biochemistry II 3
- CHEM 4321 - Biochemistry II Lab 1

Total Hours 20-24

Concentration Guided Electives

- AGRI 2310 - Animal Management Practices 3
- AGRI 2705 - Introduction to Veterinary Technology Profession 1

- AGRI 3100 - Anatomy and Physiology of Domestic Animals 2
- AGRI 3101 - Anatomy and Physiology of Domestic Animals Lab 1
- AGRI 3330 - Beef Production Management 2
- AGRI 3331 - Beef Production Management Lab 1
- AGRI 3350 - Horse Production 2
- AGRI 3380 - Companion Animal Management 3
- AGRI 3385 - Exotic Animal Management 2
- AGRI 3610 - Internship in Agriculture 2
- AGRI 3620 - Internship in Agriculture 2
- AGRI 3710 - Veterinary Animal Care 3
- AGRI 3711 - Veterinary Animal Care Lab 1
- AGRI 3720 - Veterinary Diagnostics 3
- AGRI 3721 - Veterinary Diagnostic Lab 1
- AGRI 3730 - Veterinary Terminology 3
- AGRI 4110 - Agro-Terrorism 3
- AGRI 4310 - Reproduction in Farm Animals 3
- AGRI 4311 - Reproduction in Farm Animals Lab 1
- AGRI 4450 - Honey Bee Biology and Beekeeping 2
- AGRI 4451 - Honey Bee Biology and Beekeeping Lab 1
- AGRI 4730 - Veterinary Applications
- BIOL 2300 - Principles of Microbiology 3
- BIOL 2301 - Principles of Microbiology Lab 1
- BIOL 3050 - General Microbiology 3
- BIOL 3051 - General Microbiology Lab 1
- BIOL 3060 - Zoological Diversity 3
- BIOL 3061 - Zoological Diversity Lab 1
- BIOL 4070 - Animal Behavior 3
- BIOL 4071 - Animal Behavior Lab 1
- BIOL 4110 - Animal Physiology 3
- BIOL 4111 - Animal Physiology Lab 1
- BIOL 4200 - Developmental Biology 3
- BIOL 4201 - Developmental Biology Lab 1

Total Hours 16-21

Free Electives

Total Hours 8

Total Program Hours 120

Sustainable Development Concentration

Sustainable development is defined as: "Development that meets the needs of the present without compromising the ability of future generations to meet their own needs" (UN Bruntland commission). The Sustainable Development Concentration is designed to prepare students for work in the growing field of sustainability science with a primary focus in the sustainable management of food, soil, water, and forest resources. In addition to a solid foundation in theoretical sciences, students in this program will develop applied skills with electronic spreadsheets, computer models, renewable technologies, and geo-spatial technologies that facilitate resource management.

Program CIP Code

01.01.0000.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ECON 2100 - Principles of Macroeconomics 3
- BIOL 1010 - Introduction to Biology 3 BIOL 1011 1 (lab)
or BIOL 1110 - General Biology I 3/BIOL 1111 1 (lab)
- CHEM 1010 - Introductory Chemistry I 3 CHEM 1011 1 (lab)
or CHEM 1110 - General Chemistry I 3/ CHEM 1111 1 (lab)

Total Hours 11

Major Core Requirements

- AGRI 1310 - Animal Science 3
- AGRI 3500 - Agriculture Economics 3
- AGRI 4430 - Genetics of Crops and Livestock 3
- **Complete one from:**
- AGRI 1410 - Plant Science 3
- AGRI 1411 - Plant Science Lab 1
OR
- AGRI 3420 - Forage Crops 3
- **Complete one from:**
- AGRI 2210 - Soils 3
- AGRI 2211 - Soils Lab 1
OR

- AGRI 4230 - Land Use 3
Complete one from:
- AGRI 2011 - Computer Skills for Agriculture Professionals 1
- AGRI 4020 - Agriculture Seminar 1
- AGRI 4030 - Senior Success Seminar 1
OR
- AGRI 3180 - Ethics of Animal Use 3
OR
- AGRI 3380 - Companion Animal Management 3
Complete one from:
- AGRI 4500 - Farm Planning and Management 3
- AGRI 4501 - Farm Planning and Management Lab 1
OR
- AGRI 3110 - Animal Health and Disease 3

Total Hours 21-24

Concentration Requirements

Concentration Core Requirements that Satisfy General Education Core

- BIOL 1020 - Diversity of Life 3 / BIOL 1021 1 (lab)
or BIOL 1120 - General Biology II 3 / BIOL 1121 1 (lab)
- CHEM 1020 - Introductory Chemistry II 3 / CHEM 1021 1(lab)
or CHEM 1120 3 / CHEM 1121 1 (lab)
Social Science Core
- GEOG 1015 - Physical Geography 3
Natural Sciences
- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1

Lower Division Courses

- AGRI 1410 - Plant Science 3
- AGRI 1411 - Plant Science Lab 1
- AGRI 2210 - Soils 3
- AGRI 2211 - Soils Lab 1
- AGRI 2011 - Computer Skills for Agriculture Professionals 1
- ECON 2100 - Principles of Macroeconomics 3

Total Hours 8

Upper Division Courses

- AGRI 3000 - Conservation 3
- AGRI 3500 - Agriculture Economics 3
or AGRI 4500 - Farm Planning and Management 3/ AGRI 4501 1

- AGRI 4020 - Agriculture Seminar 1
- AGRI 4030 - Senior Success Seminar 1
- AGRI 4230 - Land Use 3
- AGRI 4430 - Genetics of Crops and Livestock 3
or BIOL 3130 - Genetics 3 / BIOL 3131 1 (lab)
- AGRI 4140 - Economic Entomology 3
or AGRI 4440 - Plant Pathology 3 or CHEM 3500 - Brief Organic Chemistry 3 / CHEM 3501 1 (lab)
- GEOG 3150 - Geographic Information Systems I 3
or GEOG 3920 - Field Mapping and Global Positioning System 3 or GEOG 4260 - Remote Sensing 3/ GEOG 4261 1
- GEOG 4040 - Sustainable Development 3
- AGRI 4220 - Soil and Water Conservation 2
- AGRI 4221 - Soil and Water Conservation Lab 1

Total Hours 20-23

Enhancement Course Selection

Select one (1) course from each enhancement below

Biotic Enhancement

- AGRI 3410 - Landscaping 2 / AGRI 3411 1 (lab)
- AGRI 4310 - Reproduction in Farm Animals 3 / AGRI 4311 1 (lab)
- AGRI 4420 - Forestry 2 / AGRI 4421 1 (lab)
- BIOL 4050 - Field Botany 3 / BIOL 4051 1 (lab)
- BIOL 4080 - General Ecology 3 / BIOL 4081 1 (lab)
- BIOL 4540 - Plant Ecology 3 / BIOL 4541 1 (lab)

GeoTech Enhancement

- BIOL 4020 - Biological Sciences and Geographic Information Systems 3 / BIOL 4021 1 (lab)
- GEOG 3250 - Geographic Information Systems II 2 / GEOG 3251 1 (lab)
- GEOG 3920 - Field Mapping and Global Positioning System 3
- GEOG 4250 - Applied Geographic Information Systems 3 / GEOG 4251 1
- GEOG 4260 - Remote Sensing 3 / GEOG 4261 1 (lab)

Management Enhancement

- GEOG 4000 - Environmental Management 3
- GEOG 4010 - Environmental Assessment 3
- SOC 4400 - Environment and Society 3

Physical Enhancement

- AGRI 4210 - Soil Genesis, Taxonomy, Mapping 2 / AGRI 4211 1 (lab)
- AGRI 4220 - Soil and Water Conservation 2 / AGRI 4221 1 (lab)

- GEOG 3930 - Natural Hazards in Environment **3**
- GEOG 4180 - Climatology **3** / GEOG 4181 1 (lab)
- GEOL 3030 - Environmental Geology **3** / GEOL 3031 1 (lab)
- GEOL 4250 - Hydrogeology **3** / GEOL 4251 1 (lab)

Total Hours 12-15

Free Electives

Total Hours 6-14

Total Program Hours 120

Veterinary Technology Concentration

The Veterinary Technology program at APSU provides the rigorous training to prepare students for employment in veterinary technology, one of the fastest growing career fields nationwide. Students who complete this program successfully will be prepared to take veterinary technology certification exams. Veterinary technology students take coursework in veterinary technology, as well as agricultural, biological, and chemical sciences to prepare them for success in the veterinary technology certification process. At the completion of this program, students are expected to graduate from APSU with a B.S. in Agriculture, with a concentration in Veterinary Technology, and to be prepared to take the veterinary technology certification exam.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Veterinary Technology](#).

Program CIP Code

01.01.0000.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements

Lower Division Courses

- AGRI 1310 - Animal Science 3

Total Hours 3

Upper Division Courses

- AGRI 3110 - Animal Health and Disease 3
 - AGRI 3420 - Forage Crops 3
 - AGRI 3500 - Agriculture Economics 3
 - AGRI 4230 - Land Use 3
- Complete one course from:
- AGRI 3180 - Ethics of Animal Use 3
 - or
 - AGRI 3380 - Companion Animal Management 3

Complete one from:

- AGRI 4430 - Genetics of Crops and Livestock 3
- or
- BIOL 3130 - Genetics 3 / BIOL 3131 - Genetics Lab 1

Total Hours 18-19

Concentration Requirements

Lower Division Courses

- AGRI 2705 - Introduction to Veterinary Technology Profession 1

Total Hours 1

Upper Division Courses

- AGRI 3100 - Anatomy and Physiology of Domestic Animals 2
- AGRI 3101 - Anatomy and Physiology of Domestic Animals Lab 1
- AGRI 3310 - Animal Nutrition and Feeding 3
- AGRI 3311 - Animal Nutrition and Feeding Lab 1
- AGRI 3380 - Companion Animal Management 3
- AGRI 3385 - Exotic Animal Management 2
- AGRI 3710 - Veterinary Animal Care 3
- AGRI 3711 - Veterinary Animal Care Lab 1
- AGRI 3720 - Veterinary Diagnostics 3
- AGRI 3721 - Veterinary Diagnostic Lab 1
- AGRI 3725 - Veterinary Technology Practical Experience I 2
- AGRI 3730 - Veterinary Terminology 3
- AGRI 3740 - Veterinary Technology Dentistry 1
- AGRI 3750 - Veterinary Technology Business 1
- AGRI 4710 - Veterinary Technology Medical Nursing and Critical Care 3
- AGRI 4711 - Veterinary Technology Medical Nursing and Critical Care Lab 1
- AGRI 4715 - Veterinary Technology Clinical Experience I 2
- AGRI 4720 - Veterinary Technology Surgical Nursing and Pharmacology 3
- AGRI 4721 - Veterinary Technology Surgical Nursing and Pharmacology Lab 1
- AGRI 4725 - Veterinary Technology Clinical Experience II 3
- AGRI 4740 - Veterinary Technology Pharmacological Therapies 2
- AGRI 4750 - Preparation for the VTN Exam 1

Total Hours 44

Concentration Guided Electives

Complete 12 - 16 hours from:

- AGRI 2310 - Animal Management Practices 3

- AGRI 3180 - Ethics of Animal Use 3
- AGRI 3320 - Meat Goat Production 2
- AGRI 3321 - Meat Goat Production Lab 1
- AGRI 3330 - Beef Production Management 2
- AGRI 3331 - Beef Production Management Lab 1
- AGRI 3340 - Swine Production Management 2
- AGRI 3350 - Horse Production 2
- AGRI 3360 - Dairy Production Management 2
- AGRI 3370 - Poultry Production Management 2
- AGRI 3610 - Internship in Agriculture 2
- AGRI 3620 - Internship in Agriculture 2
- AGRI 4450 - Honey Bee Biology and Beekeeping 2
- AGRI 4451 - Honey Bee Biology and Beekeeping Lab 1
- AGRI 4730 - Veterinary Applications
- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1
- BIOL 2300 - Principles of Microbiology 3
- BIOL 2301 - Principles of Microbiology Lab 1
- BIOL 3050 - General Microbiology 3
- BIOL 3051 - General Microbiology Lab 1
- BIOL 3060 - Zoological Diversity 3
- BIOL 3061 - Zoological Diversity Lab 1
- BIOL 4070 - Animal Behavior 3
- BIOL 4071 - Animal Behavior Lab 1
- BIOL 4110 - Animal Physiology 3
- BIOL 4111 - Animal Physiology Lab 1
- BIOL 4200 - Developmental Biology 3
- BIOL 4201 - Developmental Biology Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1

Total Hours 12-16

Total Program Hours 120 -125

Agriculture Minor

Department of General Agriculture

Location: Sundquist Science Complex, Room D232

Phone: 931-221-7272

Website: www.apsu.edu/agriculture/index.php

The Agriculture Minor is designed to appeal to students from many different disciplines including the natural and social sciences, education, communication, business and/or economics. To qualify for the minor, students must take at least 18 hours of AGRI-prefix coursework, of which, at least nine of those hours must be at the 3000 or 4000 level.

Minor Requirements

- Upper Division Agriculture (3000-4999) level courses **9**
- Any additional hours in Agriculture **9**

Total Hours 18

Department of Allied Health Sciences

College of Science, Technology, Engineering and Mathematics

Location: Sundquist Science Complex, D232

Phone: 931-221-6455

Website: <http://www.apsu.edu/allied-health>

Programs:

Bachelor of Science

- Medical Laboratory Science (B.S.M.L.S.)
- Radiologic Science (B.S.R.S.)

Concentration

- Biomedical Science Concentration
- General Radiologic Science Concentration
- Medical Laboratory Science Concentration
- MLT to MLS Concentration
- Nuclear Medicine Concentration
- Radiography Concentration

Medical Laboratory Science (B.S.M.L.S.)

Department of Allied Health Sciences

Location: Sundquist Science Complex, Room D232

Phone: 931-221-6455

Website: www.apsu.edu/medical-technology

The Medical Laboratory Science major is recommended for students interested in pursuing a career in the clinical laboratory, biomedical science, forensic science, public health, or medical research. In addition, the Medical Laboratory Science major is excellent preparation for professional or graduate school careers in research or industry. APSU has campus-based and online four-year bachelor's degree programs. There are three concentrations within the degree plan. The concentrations are Biomedical Science, Medical Laboratory Science, and the online MLT to MLS bridge program. The Biomedical Science concentration is designed as both a pre-medical laboratory science degree and for those that decide not to pursue national certification in medical laboratory science. The Medical Laboratory Science concentration is for students accepted to the medical laboratory science senior professional year. It includes both campus-based didactic courses and practical courses at affiliate hospital clinical laboratories. The MLT to MLS concentration is designed as a bridge program for nationally certified MLT to reach the Medical Laboratory Science certification. Upon successful completion of any four-year program, a Bachelor of Science in Medical Laboratory Science (BSMLS) is awarded. A program certificate is awarded for completion of the accredited professional program concentrations in Medical Laboratory Science and MLT to MLS concentrations.

Students must complete a separate admission packet to apply for the senior professional program. Requirements for acceptance include: overall grade point average of 2.5 or higher and generally a "C" or better in science courses, application and essay, coursework completion, official transcripts, and references.

Accreditation

The Medical Laboratory Science (Medical Technology) program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences and approved by the Medical Laboratory Board for the State of Tennessee.

National Accrediting Agency for Clinical Laboratory Sciences

5600 N. River Road

Suite 720

Rosemont, IL 60018-5119

(847)939-3597

(773)714-8880

(773)714-8886 (Fax)

<http://www.naacls.org>

Tennessee Department of Health

Medical Laboratory Board

Metrocenter Complex

665 Mainstream Drive, 2nd Floor

Nashville, TN 37243

(615)532-5128

1-800-778-4123

<https://www.tn.gov/health/health-program-areas/health-professional-boards/medlab-board.html>

Program CIP Code

31.51.1005.00

Concentrations

- Biomedical Science Concentration
- MLT to MLS Concentration
- Medical Laboratory Science Concentration

Biomedical Science Concentration

Biomedical Science focuses on the biology, chemistry, and medicine of human health through interdisciplinary coursework. This area of study requires coursework in biological, chemical, and laboratory science to gain knowledge, skills, and abilities focused in the study of biotechnology, instrumentation, and healthcare research. The concentration is supported by basic science courses like anatomy and physiology, cell biology, water quality, biochemistry, quantitative chemistry, microbiology, genetics, molecular biology, immunology, mathematics and statistics, hematology, and laboratory instrumentation. Biomedical sciences has a wide range of academic, research, and industrial applications supporting the future of medicine. This concentration provides flexibility in degree planning to tailor student coursework for employment in modern medicine including a comprehensive program that supports graduate work and professional degrees in any related field of medicine. Biomedical science, where science meets medicine.

Program CIP Code

31.51.1005.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- MATH 1730 - Precalculus 4

Major Core Requirements

Lower Division Requirements

- BIOL 2300 - Principles of Microbiology 3
- BIOL 2301 - Principles of Microbiology Lab 1
- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1

Total Hours 12

Upper Division Requirements

- CHEM 3500 - Brief Organic Chemistry 3
- CHEM 3501 - Brief Organic Chemistry Lab 1
- CHEM 4300 - Brief Biochemistry 3
- CHEM 4301 - Brief Biochemistry Lab 1

Total Hours 8

Concentration Requirements

- CHEM 4140 - Chemical and Laboratory Safety 3
- MATH 1530 - Elements of Statistics 3
- RLTN 2050 - Medical Terminology 1

Total Hours 7

Concentration Guided Electives

Select 20 credit hours from the courses listed below:

- AGRI 4220 - Soil and Water Conservation 2
- AGRI 4221 - Soil and Water Conservation Lab 1
- BIOL 3050 - General Microbiology 3
- BIOL 3051 - General Microbiology Lab 1
- BIOL 3130 - Genetics 3
- BIOL 3131 - Genetics Lab 1
- BIOL 4080 - General Ecology 3
- BIOL 4081 - General Ecology Lab 1
- BIOL 4100 - Biostatistics 3
- BIOL 4101 - Biostatistics Lab 1
- BIOL 4160 - Human Physiology 3
- BIOL 4161 - Human Physiology Lab 1
- BIOL 4200 - Developmental Biology 3
- BIOL 4201 - Developmental Biology Lab 1
- BIOL 4330 - Aquatic Biology and Water Quality 3
- BIOL 4331 - Aquatic Biology and Water Quality Lab 1
- BIOL 4340 - Algal Ecology 3
- BIOL 4341 - Algal Ecology Lab 1
- BIOL 4440 - Cell and Molecular Biology 3
- BIOL 4441 - Cell and Molecular Biology Lab 1
- BIOL 4450 - Biotechnology 3
- BIOL 4451 - Biotechnology Lab 1
- BIOL 4500 - Research 1 to 4
- BIOL 4550 - Ichthyology 3
- BIOL 4551 - Ichthyology Lab 1

- BIOL 4700 - Topics in Biology **1 to 3**
- CHEM 3210 - Quantitative Analysis **3**
- CHEM 3211 - Quantitative Analysis Lab **1**
- CHEM 3220 - Instrumental Analysis **3**
- CHEM 3221 - Instrumental Analysis Lab **1**
- CHEM 4150 - Data Analysis **3**
- CHEM 4310 - Biochemistry I **3**
- CHEM 4311 - Biochemistry I Lab **1**
- CHEM 4320 - Biochemistry II **3**
- CHEM 4321 - Biochemistry II Lab **1**
- CHEM 4840 - Selected Topics in Chemistry **3**
- CHEM 4941 - Elements of Research **1 to 3**
- GEOG 3150 - Geographic Information Systems I **3**
- GEOG 3151 - Geographic Information Systems I Lab **1**
- GEOL 3030 - Environmental Geology **3**
- GEOL 3031 - Environmental Geology Lab **1**
- GEOL 4250 - Hydrogeology **3**
- GEOL 4251 - Hydrogeology Lab **1**
- GEOL 4252 - Environmental Geology Field Methods
- MTEC 4500 - Research **1 to 4**
- MTEC 4920 - Molecular Diagnostics **3**
- MTEC 4940 - Clinical Analysis I **3**
- MTEC 4941 - Clinical Analysis I Lab **1**
- MTEC 4950 - Immunohematology **3**
- MTEC 4951 - Immunohematology Lab **1**
- MTEC 4980 - Diagnostic Microbiology II **3**
- MTEC 4981 - Diagnostic Microbiology II Lab **1**
- **Complete one (1) from:**
- BIOL 3760 - Immunology and Serology **3** / BIOL 3761 **1**
or
MTEC 3760 - Immunology and Serology **3** / MTEC 3761 **1**
- **Complete one (1) from:**
- MTEC 3910 - Fundamentals of Hematology **3** / MTEC 3911 **1**
or
MTEC 3940 - Fundamentals of Clinical Analysis **3** / MTEC 3941 **1**
- **Complete one (1) from:**
- BIOL 3130 - Genetics **3** / BIOL 3131 **1**
or
BIOL 4440 - Cell and Molecular Biology **3** / BIOL 4441 **1**
or
MTEC 4920 - Molecular Diagnostics **3**

Total Hours 31-32

Free Electives

Total Hours 18 - 19

Total Program Hours 123

Medical Laboratory Science Concentration

The Medical Laboratory Science concentration is for students who are seeking a bachelor's degree in Medical Laboratory Science that never been certified as an MLT or MLS. This concentration provides specific courses in immunology, immunohematology, microbiology, clinical chemistry, toxicology, urinalysis, hematology, hemostasis, management, research, and education. Students completing the MLS degree program are eligible to take a national certification examination in Medical Laboratory Science.

Program CIP Code

31.51.1005.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements that Satisfy General Education Core

- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- MATH 1730 - Precalculus 4

Major Core Requirements

Lower Division Courses

- BIOL 2300 - Principles of Microbiology 3
- BIOL 2301 - Principles of Microbiology Lab 1
- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1

Total Hours 12

Upper Division Courses

- CHEM 3500 - Brief Organic Chemistry 3
- CHEM 3501 - Brief Organic Chemistry Lab 1

- CHEM 4300 - Brief Biochemistry 3
- CHEM 4301 - Brief Biochemistry Lab 1

Total Hours 8

Concentration Requirements

Upper Division Courses

- MTEC 3910 - Fundamentals of Hematology 3 / MTEC 3911 1 (lab)
- MTEC 3940 - Fundamentals of Clinical Analysis 3 / MTEC 3941 1 (lab)
- MTEC 4090 - Clinical Hematology 4
- MTEC 4290 - Clinical Microbiology 4
- MTEC 4390 - Clinical Immunohematology Serology 4
- MTEC 4490 - Clinical Chemistry Urinalysis 4
- MTEC 4730 - Diagnostic Microbiology I 3 / MTEC 4731 1 (lab)
- MTEC 4750 - Management, Research, Education Seminar 3
- MTEC 4900 - Clinical Phlebotomy 1
- MTEC 4910 - Hematology 3 / MTEC 4911 1 (lab)
- MTEC 4930 - Board of Certification Review 2 to 3
- MTEC 4940 - Clinical Analysis I 3 / MTEC 4941 1 (lab)
- MTEC 4950 - Immunohematology 3 / MTEC 4951 1 (lab)
- MTEC 4970 - Clinical Analysis II 3 / MTEC 4971 1 (lab)
- MTEC 4980 - Diagnostic Microbiology II 3 / MTEC 4981 1 (lab)

Complete one (1) series from:

- BIOL 3760 - Immunology and Serology 3 / BIOL 3761 1
or
MTEC 3760 - Immunology and Serology 3 / MTEC 3761 1

Complete one (1) series from:

- BIOL 3130 - Genetics 3 / BIOL 3131 1
or
BIOL 4440 - Cell and Molecular Biology 3 / BIOL 4441 1
or
BIOL 4450 - Biotechnology 3 / BIOL 4451 1
or
MTEC 4920 - Molecular Diagnostics 3

Total Hours 61-63

Total Program Hours 124-126

MLT to MLS Concentration

The MLT to MLS concentration is a bridge program for students who are seeking a bachelors degree in Medical Laboratory Science that have previous work experience as a certified MLT. This concentration provides specific courses in immunology, immunohematology, microbiology, clinical chemistry, toxicology, urinalysis, hematology, hemostasis, management, research, and education. Students completing the MLS degree program are eligible to take a national certification examination in Medical Laboratory Science.

Program CIP Code

31.51.1005.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements that Satisfy General Education Core

- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- MATH 1730 - Precalculus 4

Major Core Requirements

Lower Division Courses

- BIOL 2300 - Principles of Microbiology 3
- BIOL 2301 - Principles of Microbiology Lab 1
- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1

Total Hours 12

Upper Division Courses

- CHEM 3500 - Brief Organic Chemistry 3
- CHEM 3501 - Brief Organic Chemistry Lab 1

- CHEM 4300 - Brief Biochemistry 3
- CHEM 4301 - Brief Biochemistry Lab 1

Total Hours 8

Concentration Requirements

Upper Division Courses

- MTEC 3760 - Immunology and Serology 3
- MTEC 3910 - Fundamentals of Hematology 3
- MTEC 3940 - Fundamentals of Clinical Analysis 3
- MTEC 4090 - Clinical Hematology 4
- MTEC 4290 - Clinical Microbiology 4
- MTEC 4390 - Clinical Immunohematology Serology 4
- MTEC 4490 - Clinical Chemistry Urinalysis 4
- MTEC 4730 - Diagnostic Microbiology I 3
- MTEC 4750 - Management, Research, Education Seminar 3
- MTEC 4900 - Clinical Phlebotomy 1
- MTEC 4910 - Hematology 3
- MTEC 4930 - Board of Certification Review 2 to 3
- MTEC 4940 - Clinical Analysis I 3
- MTEC 4950 - Immunohematology 3
- MTEC 4970 - Clinical Analysis II 3
- MTEC 4980 - Diagnostic Microbiology II 3
- **Complete one (1) series from:**
- BIOL 3130 - Genetics 3 / BIOL 3131 1
or
BIOL 4440 - Cell and Molecular Biology 3 / BIOL 4441 1
or
BIOL 4450 - Biotechnology 3 / BIOL 4451 1
or
MTEC 4920 - Molecular Diagnostics 3

Total Hours 52-54

Free Electives

Recommended Elective

- MTEC 3910 - Fundamentals of Hematology 3
- MTEC 3911 - Fundamentals of Hematology Lab 1

Total Hours 3-5

Total Program Hours 120

Radiologic Science (B.S.R.S.)

Location: Sundquist Science Complex, Room D232

Phone: 931-221-6455

Website: www.apsu.edu/rad-tech

Radiologic Science is more than X-rays and ultrasounds. It's an obligation to physicians who depend on radiographic images to diagnose diseases and injuries. It's a commitment to patients who deserve compassionate care. And if you are ready to become part of a field that saves lives every day, Austin Peay State University's programs in radiography and nuclear medicine technology will set you on the path to success.

Mission Statement

The mission of the Radiologic Science Program is to provide training in the field of imaging science. The goal of the program will be to fulfill the needs of healthcare providers in the community and surrounding regions. Serving people by being a provider requires critical thinking and technical skills to offer the best possible care. To prepare the students to meet these requirements, they are provided with various levels of training. This training includes theory, clinical practice, didactic learning, imaging, and competency testing in the clinical setting. Upon successful completion of the program, graduating students will be prepared to meet the requirements for an entry-level position in radiology.

General Information

Admissions to Austin Peay does not guarantee acceptance to Radiologic Technology Programs (Radiography or Nuclear Medicine). These programs are very competitive, and only a limited number of students are admitted each year.

Applications are due February 28th of the year prerequisites are completed.

In order to apply, the student must:

Be admitted to Austin Peay State University.

Complete and submit the application by the application deadline. Only completed applications will be considered for admission.

Radiography applicants must complete 24 observation hours in a radiography department prior to application.

Have completed prerequisite courses, maintaining a calculated GPA above 2.5.

Further admission requirements (for ranking of applicant pool):

CALCULATED GPA: A minimum calculated GPA of 2.5 on a 4.0 scale.

Grades for general education core and radiologic technology prerequisite courses will be used to calculate the GPA for admission.

If a student attempts a course more than once, the grades from every attempt will be used to calculate the admission GPA.

All general education core and radiologic technology prerequisites must be completed prior to starting radiologic technology courses. If a conditionally accepted student fails to successfully complete all prerequisite courses with a "C" or better ("B" or better in Chem 1010/1011, 1020/1021, Phys 1010/1011, 1020, 2021) the student will not be permitted to begin courses.

An alternate admission list may be established to fill vacancies that might occur before the beginning of class. Students who are not accepted must reapply to be considered for another admission cycle.

Students not accepted may opt to pursue the general concentration in radiologic technology.

Program CIP Code

31.51.0911.00

Concentrations

- General Radiologic Science Concentration
- Nuclear Medicine Concentration
- Radiography Concentration

General Radiologic Science Concentration

Radiologic science is more than providing patient care and diagnostic images. Some radiologic professionals obtain images that allow physicians to diagnose diseases and injuries. Others administer high doses of ionizing radiation to treat cancer and other conditions. Radiologic science requires a commitment to compassionate care to all patients. If you are ready to become part of a field that saves lives every day, Austin Peay State University's Radiologic Science program can start you on your way! The degree is designed to prepare students for application to the radiography and nuclear medicine technology concentrations. Additionally, students who complete the BSRS will meet eligibility requirements for admission to diagnostic medical sonography and radiation therapy certificate programs in Tennessee and beyond.

Mission Statement

The mission of the Radiologic Science Program is to provide training in the field of radiologic science. The primary goal is to fulfil the needs of healthcare providers in the community and surrounding regions. A successful healthcare provider needs critical thinking and technical skills to offer the best possible care. Students are prepared to meet these requirements through various levels of training. Methods include theory, clinical practice, didactic learning, imaging, and competency testing in classroom and clinical settings. Upon successful completion of the degree, graduating students completing the radiography or nuclear medicine concentrations will meet the requirements for an entry-level position in radiography or nuclear medicine. Potential sonographers and radiation therapists will have a well-rounded radiology background and will be eligible for certificate programs in diagnostic medical sonography.

Program CIP Code

31.51.0911.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- MATH 1730 - Precalculus 4

Major Requirements

Lower Division Courses

Complete one sequence from: *students completing the CHEM 1010/1011 will need a grade of "B" or better

- CHEM 1010 - Introductory Chemistry I **3** and
 - CHEM 1011 - Introductory Chemistry I Lab **1**
- or

- CHEM 1110 - General Chemistry I **3** and
- CHEM 1111 - General Chemistry I Lab **1**

Complete one sequence from: *students opting to complete CHEM 1020/1021 will require a grade of "B" or better

- CHEM 1020 - Introductory Chemistry II **3** and
 - CHEM 1021 - Introductory Chemistry II Lab **1**
- or

- CHEM 1120 - General Chemistry II **3** and
- CHEM 1121 - General Chemistry II Lab **1**

Complete one sequence from: *students completing PHYS 1010/1011 will require a grade of "B" or better

- PHYS 1010 - Concepts: Motion, Heat, and Sound **3** and
 - PHYS 1011 - Concepts Lab: Motion, Heat, and Sound **1**
- or

- PHYS 2010 - College Physics I **3** and
- PHYS 2011 - College Physics I Lab **1**

Complete one sequence from: *students who opt to complete PHYS 1020/1021 will require a grade of "B" or better

- PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World **3** and
 - PHYS 1021 - Concepts Lab: Electromagnetism, Light and the Quantum World **1**
- or

- PHYS 2020 - College Physics II **3** and
- PHYS 2021 - College Physics II Lab **1**

Total Hours 16

Concentration Requirements

Lower Division Courses

- MATH 1530 - Elements of Statistics **3**
 - RLTN 2050 - Medical Terminology **1**
 - CSCI 1005 - Introduction to Information Technology **3**
- or

- CSCI 1010 - Introduction to Programming I **3** and
- CSCI 1011 - Introduction to Programming I Lab **1**

Total Hours 7-8

Upper Division Courses

- MTEC 3910 - Fundamentals of Hematology 3
- MTEC 3911 - Fundamentals of Hematology Lab 1
- RLTN 3117 - Quality Control in Radiologic Technology 2
- RLTN 4030 - Radiographic Procedures III 3
- RLTN 4570 - Management in Radiologic Technology 2
- RLTN 4580 - Research Methodology in Radiologic Technology 3
- RLTN 3010 - Patient Care and Interaction 3

Total Hours 17

Concentration Guided Electives

Complete 12 hours from:

- COMM 4410 - Conflict Resolution and Negotiation 3
- HHP 3000 - Health Care Management 3
- HHP 3030 - Nutrition: Science and Application 3
- HHP 3410 - Health Disparities 3
- HHP 3450 - Health Issues of Special Populations 3
- HHP 3510 - Health Care Economics 3
- HHP 3640 - Human Resources in Health Care 3
- HHP 4000 - Introduction to Gerontology 3
- HHP 4020 - Introduction to Occupational Safety and Health 3
- HHP 4030 - Living, Dying, Grieving 3
or PSYC 4010 - Death, Dying and Bereavement 3
- HHP 4070 - Human Health and Disease 3
- HHP 4300 - Introduction to Stress Management 3
- HHP 4500 - Epidemiology and Biostatistics 3
- LDSP 3050 - Cultural Diversity in Organizations 3
- PSYC 3340 - Health Psychology 3
- RLTN 4550 - Radiographic Pathology 3
- SOC 3700 - Health, Illness, and Medicine 3
- SOC 4420 - Environmental Justice 3
- SOC 4400 - Environment and Society 3
- SW 3410 - Values, Ethics and Diversity 3

Total Hours 12

Free Electives

Total Hours 33-34

Total Program Hours 120

Nuclear Medicine Concentration

APSU has an affiliation with the Radiologic Technology School at the Vanderbilt University Medical Center. Students desiring to enter one of the programs of radiology should file applications to the appropriate program director at the beginning of the junior year. Students may be eligible for a B.S. degree absentia after successful completion of the professional program. Students may elect to transfer to other accredited professional schools of radiology after completing two years at APSU, and should consult with their academic advisor and select courses required by the particular school before registering for the sophomore year. Acceptance into a clinical program is competitive.

Admission Requirements

Students must complete a separate admission packet to apply to the senior year. Requirements for acceptance include: overall grade point average of 3.0 or above, a minimum of a "C" in all core courses, physical, application and essay, coursework completion, official transcripts, and references. Acceptance into the program is highly competitive.

Program CIP Code

31.51.0911.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- MATH 1730 - Precalculus 4

Major Requirements

Lower Division Courses

- PHYS 2010 - College Physics I 3
- PHYS 2011 - College Physics I Lab 1
- PHYS 2020 - College Physics II 3
- PHYS 2021 - College Physics II Lab 1
- **Complete one sequence from:**
- CHEM 1010 - Introductory Chemistry I 3
- CHEM 1011 - Introductory Chemistry I Lab 1

- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- **Complete one sequence from:**
- CHEM 1020 - Introductory Chemistry II 3
- CHEM 1021 - Introductory Chemistry II Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1

Total Hours 16

Concentration Requirements

Lower Division Courses

- RLTN 2050 - Medical Terminology 1

Total Hours 1

Upper Division Courses

- RLTN 4030 - Radiographic Procedures III 3
- RLTN 4550 - Radiographic Pathology 3
- RLTN 4570 - Management in Radiologic Technology 2

Total Hours 8

Concentration Electives

- BIOL 2300 - Principles of Microbiology 3
- BIOL 2301 - Principles of Microbiology Lab 1
- COMM 4410 - Conflict Resolution and Negotiation 3
- HHP 3000 - Health Care Management 3
- HHP 3030 - Nutrition: Science and Application 3
- HHP 3410 - Health Disparities 3
- HHP 3510 - Health Care Economics 3
- HHP 3640 - Human Resources in Health Care 3
- HHP 4000 - Introduction to Gerontology 3
- HHP 4020 - Introduction to Occupational Safety and Health 3
- HHP 4030 - Living, Dying, Grieving 3
- HHP 4070 - Human Health and Disease 3
- HHP 4300 - Introduction to Stress Management 3
- HHP 4500 - Epidemiology and Biostatistics 3
- MTEC 3910 - Fundamentals of Hematology 3
- MTEC 3911 - Fundamentals of Hematology Lab 1
- PSYC 3340 - Health Psychology 3

- PSYC 4010 - Death, Dying and Bereavement 3
- RLTN 3000 - Introduction to Radiologic Technology 2
- RLTN 3010 - Patient Care and Interaction 3
- RLTN 3020 - Image Production Evaluation I 3
- RLTN 3116 - Radiobiology and Radiation Protection 3
- RLTN 4116 - Radiation Physics 4
- RLTN 4580 - Research Methodology in Radiologic Technology 3
- SOC 3700 - Health, Illness, and Medicine 3
- SW 3410 - Values, Ethics and Diversity 3

Total Hours 12

Additional Requirements

40 additional hours of coursework is to be completed through the Vanderbilt University Center Radiologic Technology School and transferred back to APSU to complete the degree requirements for Nuclear Medicine as a Degree in Absentia Program.

Total Hours 40

Total Program hours 120

Radiography Concentration

APSU Radiologic Science Program with the Concentration of Radiography is a two-year (24-month), campus-based, course of studies. Students desiring to enter the program should file applications with the Radiography Program Director by the end of February, prior to the summer they would begin the program. Applicants must have completed all of the core requirements prior to beginning the professional phase of the radiography program. After successful completion of the professional phase, graduates will be eligible to sit for the national registry through the American Registry of Radiologic Technologists (ARRT).

Admission Requirements

Students must complete a separate admission packet to apply for the program. Requirements for acceptance include: overall grade point average of 2.5 or above, a minimum of a "C" in all core courses, physical, application and essay, coursework completion, official transcripts, and references. Acceptance into the program is competitive.

Program CIP Code

31.51.0911.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- BIOL 2010 - Human Anatomy and Physiology I 3
 - BIOL 2011 - Human Anatomy and Physiology I Lab 1
 - BIOL 2020 - Human Anatomy and Physiology II 3
 - BIOL 2021 - Human Anatomy and Physiology II Lab 1
- Complete one (1) course from:**

- MATH 1710 - Precalculus Algebra 3
- MATH 1730 - Precalculus 4
- MATH 1810 - Elements of Calculus 3
- MATH 1910 - Calculus I 4
- MATH 1920 - Calculus II 4
- MATH 2110 - Calculus III 4

Major Requirements

Lower Division Courses

Complete one sequence from:

***students opting to complete CHEM 1010/1011 require a grade of "B" or better**

- CHEM 1010 - Introductory Chemistry I **3** and
 - CHEM 1011 - Introductory Chemistry I Lab **1**
- or
- CHEM 1110 - General Chemistry I **3** / CHEM 1111 **1** (lab)

Complete one sequence from:

***students opting to complete CHEM 1020/1021 require a grade of "B" or better**

- CHEM 1020 - Introductory Chemistry II **3** and
 - CHEM 1021 - Introductory Chemistry II Lab **1**
- or
- CHEM 1120 - General Chemistry II **3** / CHEM 1121 **1** (lab)

Complete one sequence from:

***students opting to complete PHYS 1010/1011 require a grade of "B" or better**

- PHYS 1010 - Concepts: Motion, Heat, and Sound **3** and
 - PHYS 1011 - Concepts Lab: Motion, Heat, and Sound **1**
- or
- PHYS 2010 - College Physics I **3** / PHYS 2011 **1** (lab)

Complete one sequence from:

***students opting to complete PHYS 1020/1021 require a grade of "B" or better**

- PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World **3** and
 - PHYS 1021 - Concepts Lab: Electromagnetism, Light and the Quantum World **1**
- or
- PHYS 2020 - College Physics II **3** / PHYS 2021 **1** (lab)

Total Hours 16

Concentration Requirements

Lower Division Courses

- RLTN 2050 - Medical Terminology **1**

Total Hours 1

Upper Division Courses

- RLTN 3000 - Introduction to Radiologic Technology **2**
- RLTN 3010 - Patient Care and Interaction **3**
- RLTN 3020 - Image Production Evaluation I **3**
- RLTN 3030 - Radiographic Procedures **3**
- RLTN 3031 - Radiographic Procedures I lab **2**
- RLTN 3040 - Radiographic Image Analysis **3**

- RLTN 3080 - Introduction to Clinical Education 2
- RLTN 3082 - Radiography Clinical Education I 2
- RLTN 3083 - Radiography Clinical Education II 2
- RLTN 3115 - Image Production and Evaluation II 3
- RLTN 3116 - Radiobiology and Radiation Protection 3
- RLTN 3117 - Quality Control in Radiologic Technology 2
- RLTN 3140 - Radiographic Procedures II 3 / RLTN 3141 1 (lab)
- RLTN 4030 - Radiographic Procedures III 3
- RLTN 4032 - Clinical Education III 3
- RLTN 4084 - Radiography Clinical Education IV 3
- RLTN 4085 - Radiography Clinical Education V 3
- RLTN 4116 - Radiation Physics 4
- RLTN 4550 - Radiographic Pathology 3
- RLTN 4570 - Management in Radiologic Technology 2
- RLTN 4580 - Research Methodology in Radiologic Technology 3
- RLTN 4590 - Registry Review for Radiologic Technologies 3

Total Hours 61

Total Program Hours 121

Department of Biology

College of Science, Technology, Engineering and Mathematics

Location: Sundquist Science Complex, D125

Phone: 931-221-7781

Website: www.apsu.edu/biol_page/

Austin Peay State University's department of biology provides an intellectual and motivational environment for career development in many areas of biology. Students can pursue training in field biology and zoology, animal and plant physiology, microbiology, and environmental assessment.

Programs:

Bachelor of Science

- Biology (B.S.)

Concentration

- Biology Major
- Ecology, Evolutions, and Organismal Biology Concentration
- Medical, Cellular, and Molecular Biology Concentration

Minors (non-degree)

- Biology Minor
- Pre-Professional Health Minor

Biology (B.S.)

Location: Sundquist Science Complex, Room D125

Phone: 931-221-7781

Website: www.apsu.edu/biology/index.php

Description of Major

Austin Peay State University's Department of Biology provides an intellectual and motivational environment for career development in many areas of biology. Students can pursue training in field biology, botany, zoology, animal and plant physiology, microbiology, molecular genetics, and environmental assessment.

While a minor is not required for a Biology major, students pursuing a career in a Pre-Professional Health program are encouraged to consult with their academic advisor and complete the Pre-Professional Health minor.

Mission Statement

To educate students to become competent, confident, and compassionate individuals within their chosen careers. The Department of Biology faculty are committed to providing instructional and research experiences for students to develop skills of inquiry, abstract and logical thinking and critical analysis of natural science phenomena. The Department is also committed to meeting the needs of students by providing an array of professional, pre-professional and academic tracks.

Vision Statement

The Biology Department's vision is to prepare students to enter the scientific community as responsible, productive professionals, capable of effective communication in both oral and written form.

Program CIP Code

18.26.0101.00

Major

- Biology Major
- Ecology, Evolution, and Organismal Biology Concentration
- Medical, Cellular, and Molecular Biology Concentration

Biology Major

Austin Peay State University's Department of Biology provides an intellectual and motivational environment for career development in many areas of biology. Students can pursue training in field biology, botany, zoology, animal and plant physiology, microbiology, molecular genetics, and environmental assessment.

While a minor is not required for a Biology major, students pursuing a career in a Pre-Professional Health program are encouraged to consult with their academic advisor and complete the Pre-Professional Health minor.

Program CIP Code

18.26.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- CHEM 1110 - General Chemistry I 3
 - CHEM 1111 - General Chemistry I Lab 1
 - CHEM 1120 - General Chemistry II 3
 - CHEM 1121 - General Chemistry II Lab 1
- Complete one course from:**
- MATH 1730 - Precalculus 4
 - MATH 1910 - Calculus I 4

Major Requirements

Lower Division Courses

- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1

Total Hours 8

Upper Division Courses

- BIOL 3000 - Biological Methods 3
- BIOL 3001 - Biological Methods Lab 1
- BIOL 3050 - General Microbiology 3
- BIOL 3051 - General Microbiology Lab 1
- BIOL 3060 - Zoological Diversity 3
- BIOL 3061 - Zoological Diversity Lab 1
- BIOL 3070 - Botanical Diversity 3
- BIOL 3071 - Botanical Diversity Lab 1
- BIOL 3130 - Genetics 3
- BIOL 3131 - Genetics Lab 1
- BIOL 3330 - Principles of Evolution 3
- BIOL 3331 - Principles of Evolution Lab 1
- BIOL 4080 - General Ecology 3
- BIOL 4081 - General Ecology Lab 1
- BIOL 4440 - Cell and Molecular Biology 3
- BIOL 4441 - Cell and Molecular Biology Lab 1

Total Hours 32

Major Guided Electives

Complete one Physiology course and lab from below:

- BIOL 4110 - Animal Physiology 3
- BIOL 4111 - Animal Physiology Lab 1
- BIOL 4120 - Plant Physiology 3
- BIOL 4121 - Plant Physiology Lab 1

Total Hours 4

Free Electives

Total Hours 42

Total Program Hours 120

Ecology, Evolution, and Organismal Biology Concentration

Department of Biology

Location: Sundquist Science Complex, Room D125

Phone: 931-221-7781

Website: www.apsu.edu/biology/index.php

Austin Peay State University's Department of Biology provides an intellectual and motivational environment for career development in many areas of biology. Students can pursue training in field biology, botany, zoology, animal and plant physiology, microbiology, molecular genetics, and environmental assessment. The program includes three options; 1. The Biology major, 2. the Ecology, Evolution, and Organismal Biology concentration, and 3. the Medical, Cellular, and Molecular Biology concentration. The goal of all three options is to provide foundational biology courses, while allowing students to choose the pathway that best fits their career goals and interests.

Mission Statement

To educate students to become competent, confident, and compassionate individuals within their chosen careers. The Department of Biology faculty are committed to providing instructional and research experiences for students to develop skills of inquiry, abstract and logical thinking and critical analysis of natural science phenomena. The Department is also committed to meeting the needs of students by providing an array of professional, pre-professional and academic tracks.

Vision Statement

The Biology Department's vision is to prepare students to enter the scientific community as responsible, productive professionals, capable of effective communication in both oral and written form.

Program CIP Code

18.26.0101.00

Major Courses Required for General Education Core

- CHEM 1110 - General Chemistry I 3
 - CHEM 1111 - General Chemistry I Lab 1
 - CHEM 1120 - General Chemistry II 3
 - CHEM 1121 - General Chemistry II Lab 1
- Complete one from:**
- MATH 1730 - Precalculus 4
 - MATH 1910 - Calculus I 4

Major Required Courses

Lower Division Courses

- BIOL 1110 - General Biology I 3

- BIOL 1111 - General Biology I lab 1
- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1

Total Hours 8

Upper Division Courses

- BIOL 3000 - Biological Methods 3
- BIOL 3001 - Biological Methods Lab 1
- BIOL 3130 - Genetics 3
- BIOL 3131 - Genetics Lab 1
- BIOL 3330 - Principles of Evolution 3
- BIOL 3331 - Principles of Evolution Lab 1
- BIOL 4080 - General Ecology 3
- BIOL 4081 - General Ecology Lab 1

Total Hours 16

Concentration Requirements

Complete two sequences (8 hours) from:

- BIOL 3050 - General Microbiology 3
- BIOL 3051 - General Microbiology Lab 1
- BIOL 3060 - Zoological Diversity 3
- BIOL 3061 - Zoological Diversity Lab 1
- BIOL 3070 - Botanical Diversity 3
- BIOL 3071 - Botanical Diversity Lab 1

Complete 2 hours from:

- BIOL 4500 - Research 1 to 4
- BIOL 4700 - Topics in Biology 1 to 3

Complete 12 hours from BIOL 3000-4999.

Total Hours 22

Free Electives

Total Hours 32

Total Program Hours 120

Medical, Cellular, and Molecular Biology Concentration

Department of Biology Location: Sundquist Science Complex, Room D125

Phone: 931-221-7781

Website: www.apsu.edu/biology/index.php

Austin Peay State University's Department of Biology provides an intellectual and motivational environment for career development in many areas of biology. Students can pursue training in field biology, botany, zoology, animal and plant physiology, microbiology, molecular genetics, and environmental assessment. The program includes three options; 1. The Biology major, 2. the Ecology, Evolution, and Organismal Biology concentration, and 3. the Medical, Cellular, and Molecular Biology concentration. The goal of all three options is to provide foundational biology courses, while allowing students to choose the pathway that best fits their career goals and interests.

Mission Statement

To educate students to become competent, confident, and compassionate individuals within their chosen careers. The Department of Biology faculty are committed to providing instructional and research experiences for students to develop skills of inquire, abstract and logical thinking and critical analysis of natural science phenomena. The department is also committed to meeting the needs of students by providing an array of professional, pre-professional and academic tracks.

Vision Statement

The Biology Department's vision is to prepare students to enter the scientific community as responsible, productive professionals, capable of effective communication in both oral and written form.

Program CIP Code

18.26.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Courses Required for General Education Core

- CHEM 1110 - General Chemistry I 3
 - CHEM 1111 - General Chemistry I Lab 1
 - CHEM 1120 - General Chemistry II 3
 - CHEM 1121 - General Chemistry II Lab 1
- Complete one course from:**
- MATH 1730 - Precalculus 4

- MATH 1910 - Calculus I 4

Major Required Courses

Lower Division Courses

- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1

Total Hours 8

Upper Division Courses

- BIOL 3000 - Biological Methods 3
- BIOL 3001 - Biological Methods Lab 1
- BIOL 3130 - Genetics 3
- BIOL 3131 - Genetics Lab 1

Total Hours 8

Concentration Requirements

- BIOL 4440 - Cell and Molecular Biology 3
- BIOL 4441 - Cell and Molecular Biology Lab 1

Total Hours 4

Concentration Guided Electives

Complete two sequences from the below:

- BIOL 3050 - General Microbiology 3
- BIOL 3051 - General Microbiology Lab 1
- BIOL 3060 - Zoological Diversity 3
- BIOL 3061 - Zoological Diversity Lab 1
- BIOL 3070 - Botanical Diversity 3
- BIOL 3071 - Botanical Diversity Lab 1
- BIOL 3330 - Principles of Evolution 3
- BIOL 3331 - Principles of Evolution Lab 1

Complete one sequence from:

- BIOL 4110 - Animal Physiology 3
- BIOL 4111 - Animal Physiology Lab 1
- BIOL 4160 - Human Physiology 3
- BIOL 4161 - Human Physiology Lab 1

Complete 12 hours from:

- BIOL 3000 - 4999

Total Hours 24

Free Electives

Total Hours 33

Total Program Hours 120

Biology Minor

Department of Biology Location: Sundquist Science Complex, Room D125

Phone: 931-221-7781

Website: www.apsu.edu/biology/index.php

A Biology minor encourages exploration of the study of life. Biology minors take two lower level General Biology lecture and lab based courses to gain a scientific foundation and then complete three upper level lecture and lab based courses from three of four possible areas of study. Upper level courses cover topics such as zoological diversity, botanical diversity, microbiology, physiology, genetics, evolution, ecology, cellular and molecular biology, and field biology.

Lower Division Courses

- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1

Total Hours 8

Upper Division Courses

Complete one sequence (four hours) from three of the four series below:

Series I

- BIOL 3050 - General Microbiology 3 (and BIOL 3051 lab) 1
- BIOL 3060 - Zoological Diversity 3 (and BIOL 3061 lab) 1
- BIOL 3070 - Botanical Diversity 3 / BIOL 3071 1 (lab)
- BIOL 3730 - Medical Microbiology 3 / BIOL 3731 1 (lab)
- BIOL 4300 - Bacteriology 3 / BIOL 4301 1 (lab)
- BIOL 4600 - Parasitology 3 / BIOL 4601 1 (lab)
- BIOL 4620 - Ornithology 3 / BIOL 4621 1 (lab)

Total Hours 4

Series 2

- BIOL 4050 - Field Botany 3 / BIOL 4051 1 (lab)
- BIOL 4070 - Animal Behavior 3 / BIOL 4071 1 (lab)
- BIOL 4080 - General Ecology 3 / BIOL 4081 1 (lab)
- BIOL 4330 - Aquatic Biology and Water Quality 3 / BIOL 4331 1 (lab)
- BIOL 4340 - Algal Ecology 3 / BIOL 4341 1 (lab)
- BIOL 4350 - Field Zoology 3 / BIOL 4351 1 (lab)
- BIOL 4540 - Plant Ecology 3 / BIOL 4541 1 (lab)
- BIOL 4560 - Aquatic Macroninvertebrates 3 / BIOL 4561 1 (lab)

- BIOL 4650 - Field Study Biogeography and Biodiversity 4

Total Hours 4

Series 3

- BIOL 4110 - Animal Physiology 3 / BIOL 4111 1 (lab)
- BIOL 4120 - Plant Physiology 3 / BIOL 4121 1 (lab)
- BIOL 4160 - Human Physiology 3 / BIOL 4161 1 (lab)
- BIOL 4200 - Developmental Biology 3 / BIOL 4201 1 (lab)
- BIOL 4410 - Reproductive Physiology 3 / BIOL 4411 1 (lab)

Total Hours 4

Series 4

- BIOL 3130 - Genetics 3 / BIOL 3131 1 (lab)
- BIOL 3330 - Principles of Evolution 3 / BIOL 3331 1 (lab)
- BIOL 4440 - Cell and Molecular Biology 3 / BIOL 4441 1 (lab)
- BIOL 4450 - Biotechnology 3 / BIOL 4451 1 (lab)

Total Hours 4

Total Hours 20

Pre-Professional Health Minor

Students who are planning to go on to health graduate programs (medicine, dental, pharmacy, physician's assistant, physical therapy, etc.) should consider declaring a pre-professional health minor. This serves as a way for the student and advisor to ensure that all the courses needed to be competitive for the various professional schools are taken in a systematic way. Declaring a pre-professional minor is also helpful for financial planning with Veterans Affairs and Financial Aid as required professional school pre-requisite coursework may fall outside a student's major or core coursework.

Minor Requirements

Students should take 18 hours minimum from any of the two or more disciplines below for their minor. Each student in consultation with their advisor would design their specific Pre-Professional Health Minor with regards to their post baccalaureate plans for graduate school and decide how many and which disciplines they need.

- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- CHEM 3500 - Brief Organic Chemistry 3
- CHEM 3501 - Brief Organic Chemistry Lab 1
- CHEM 3510 - Organic Chemistry I 3
- CHEM 3511 - Organic Chemistry I Lab 1
- CHEM 3520 - Organic Chemistry II 3
- CHEM 3521 - Organic Chemistry II Lab 1
- CHEM 4300 - Brief Biochemistry 3
- CHEM 4301 - Brief Biochemistry Lab 1
- CHEM 4310 - Biochemistry I 3
- CHEM 4311 - Biochemistry I Lab 1
- CHEM 4320 - Biochemistry II 3
- CHEM 4321 - Biochemistry II Lab 1
- CLAS 2110 - Medical and Scientific Terms 3
- HHP 4250 - Physiology of Exercise 3
- MATH 1910 - Calculus I 4
- MATH 1920 - Calculus II 4
- MATH 1530 - Elements of Statistics 3
- PHIL 2300 - Medical Ethics 3
- PHYS 2110 - University Physics I 3
- PHYS 2111 - University Physics I Lab 1

- PHYS 2120 - University Physics II 3
- PHYS 2121 - University Physics II Lab 1
- PHYS 2010 - College Physics I 3
- PHYS 2011 - College Physics I Lab 1
- PHYS 2020 - College Physics II 3
- PHYS 2021 - College Physics II Lab 1
- PSYC 4360 - Introduction to Psychopathology 3
- PSYC 3100 - Developmental Psychology 3
- RLTN 2050 - Medical Terminology 1

Total Hour 18

Department of Chemistry

College of Science, Technology, Engineering and Mathematics

Location: Sundquist Science Complex, A308

Phone: 931-221-7628

Website: <http://www.apsu.edu/chemistry>

The department strives to prepare its students for a wide variety of career options. Graduates directly enter the workforce as highly skilled chemists or teachers, or pursue further education upon entrance to professional schools (graduate, medicine, dentistry, pharmacy).

Programs:

Bachelor of Science

- Chemistry (B.S.)

Concentration

- Biochemistry Concentration
- Chemistry Major
- Professional Chemistry Concentration

Minors (non-degree)

- Chemistry Minor

Chemistry (B.S.)

Location: Sundquist Science Complex - A308

Phone: 931-221-7628

Website: www.apsu.edu/chemistry

The Department of Chemistry at Austin Peay State University is nationally certified by the American Chemical Society, devoted to student success, and prepares students for a wide variety of career options. Our mission is to educate students to think independently and critically, ethically apply chemical concepts and principles to better understand and navigate a diverse scientific world, and help them to become scientifically literate. We use innovative pedagogical and research strategies to engage students and cultivate a passion for chemistry and scientific learning.

Graduates directly enter the workforce as highly skilled chemists or teachers, or pursue further education upon entrance to professional schools, including graduate programs in chemistry, medical schools, pharmacy schools, and dental schools.

Program CIP Code

25.40.0501.00

Concentrations

- Chemistry Major
- Biochemistry Concentration
- Professional Chemistry Concentration

Biochemistry Concentration

Department of Chemistry

Location: Sundquist Science Complex - A308

Phone: 931-221-7628

Website: www.apsu.edu/chemistry

The biochemistry concentration gives students a broad background in the biomolecular sciences, including courses in physics, chemistry, biology, and math. This concentration is appropriate for students pursuing medical fields and those who want to pursue graduate studies in fields related to biochemistry.

Program CIP Code

25.40.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1
- MATH 1910 - Calculus I 4

Concentration Requirements

Lower Division Courses

- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1
- CHEM 2000 - Chemistry Sophomore Seminar 1
- PHYS 2010 - College Physics I 3
- PHYS 2011 - College Physics I Lab 1

- PHYS 2020 - College Physics II 3
- PHYS 2021 - College Physics II Lab 1

Total Hours 17

Upper Division Courses

- BIOL 3130 - Genetics 3
- BIOL 3131 - Genetics Lab 1
- BIOL 4440 - Cell and Molecular Biology 3
- BIOL 4441 - Cell and Molecular Biology Lab 1
- CHEM 3210 - Quantitative Analysis 3
- CHEM 3211 - Quantitative Analysis Lab 1
- CHEM 3510 - Organic Chemistry I 3
- CHEM 3511 - Organic Chemistry I Lab 1
- CHEM 3520 - Organic Chemistry II 3
- CHEM 3521 - Organic Chemistry II Lab 1
- CHEM 4000 - Advanced Chemistry Seminar 1
- CHEM 4310 - Biochemistry I 3
- CHEM 4311 - Biochemistry I Lab 1
- CHEM 4320 - Biochemistry II 3
- CHEM 4321 - Biochemistry II Lab 1

Complete one sequence from:

- CHEM 3220 - Instrumental Analysis 3
- CHEM 3221 - Instrumental Analysis Lab 1

or

- CHEM 3440 - Inorganic Chemistry 3
- CHEM 3441 - Inorganic Chemistry Lab 1

Complete one sequence from:

- CHEM 3610 - Physical Chemistry I 3
- CHEM 3611 - Physical Chemistry I Lab 1

or

- CHEM 4350 - Physical Biochemistry 3
- CHEM 4351 - Physical Biochemistry Lab 1

Total Hours 37

Concentration Guided Electives

- Select 4 hours from any CHEM 3000-4999 courses 4
- Select 8 hours from BIOL 3000-4999, BIOL 2020/2021, or BIOL 4160/4161, or BIOL 2300/2301, or BIOL 3050/3051 8

Total Hours 12

Free Electives

Total Hours 11

Total Program Hours 120

Chemistry Major

Department of Chemistry

Location: Sundquist Science Complex - A308

Phone: 931-221-7628

Website: www.apsu.edu/chemistry

The chemistry major gives students a broad background in all major areas of chemistry and includes multidisciplinary courses in biology, physics, and math. This major is appropriate for students that want to work in an industrial or government laboratory. Students in the chemistry major are not required to have a minor, but it is recommended.

Program CIP Code

25.40.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1
- MATH 1910 - Calculus I 4

Major Core Requirements

Lower Division Courses

- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- CHEM 2000 - Chemistry Sophomore Seminar 1
- PHYS 2010 - College Physics I 3
- PHYS 2011 - College Physics I Lab 1
- PHYS 2020 - College Physics II 3
- PHYS 2021 - College Physics II Lab 1

Total Hours 13

Upper Division Courses

- CHEM 3210 - Quantitative Analysis 3
- CHEM 3211 - Quantitative Analysis Lab 1
- CHEM 3440 - Inorganic Chemistry 3
- CHEM 3441 - Inorganic Chemistry Lab 1
- CHEM 3510 - Organic Chemistry I 3
- CHEM 3511 - Organic Chemistry I Lab 1
- CHEM 3520 - Organic Chemistry II 3
- CHEM 3521 - Organic Chemistry II Lab 1
- CHEM 3610 - Physical Chemistry I 3
- CHEM 3611 - Physical Chemistry I Lab 1
- CHEM 4000 - Advanced Chemistry Seminar 1
- CHEM 4310 - Biochemistry I 3
- CHEM 4311 - Biochemistry I Lab 1

Chemistry Sequence

- CHEM 3220 - Instrumental Analysis 3
- CHEM 3221 - Instrumental Analysis Lab 1
- or
- CHEM 3620 - Physical Chemistry II 3
- CHEM 3621 - Physical Chemistry II Lab 1
- or
- CHEM 4320 - Biochemistry II 3
- CHEM 4321 - Biochemistry II Lab 1
- or
- CHEM 4440 - Advanced Inorganic Chemistry 3
- CHEM 4441 - Advanced Inorganic Chemistry Lab 1

Total Hours 29

Major Required Electives

- CHEM 3000-4999 3

Total Hours 3

Major Guided Electives

- Complete 32 hours of electives with approval from your advisor

Total Hours 32

Total Program Hours 120

Professional Chemistry Concentration

Department of Chemistry

Location: Sundquist Science Complex - A308

Phone: 931-221-7628

Website: www.apsu.edu/chemistry

The professional chemistry concentration gives students a more in-depth study of advanced courses in chemistry and gives an opportunity for students to engage in an undergraduate research project. This concentration results in certification from the American Chemical Society and prepares students for graduate school in chemistry or biochemistry or to work in an industrial or government laboratory.

Program CIP Code

25.40.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1
- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- MATH 1910 - Calculus I 4

Major Core Requirements

Lower Division Courses

- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- CHEM 2000 - Chemistry Sophomore Seminar 1
- MATH 1920 - Calculus II 4
- PHYS 2110 - University Physics I 3
- PHYS 2111 - University Physics I Lab 1
- PHYS 2120 - University Physics II 3
- PHYS 2121 - University Physics II Lab 1

Total Hours 20

Upper Division Courses

- CHEM 3210 - Quantitative Analysis 3
- CHEM 3211 - Quantitative Analysis Lab 1
- CHEM 3220 - Instrumental Analysis 3
- CHEM 3221 - Instrumental Analysis Lab 1
- CHEM 3440 - Inorganic Chemistry 3
- CHEM 3441 - Inorganic Chemistry Lab 1
- CHEM 3510 - Organic Chemistry I 3
- CHEM 3511 - Organic Chemistry I Lab 1
- CHEM 3520 - Organic Chemistry II 3
- CHEM 3521 - Organic Chemistry II Lab 1
- CHEM 3610 - Physical Chemistry I 3
- CHEM 3611 - Physical Chemistry I Lab 1
- CHEM 3620 - Physical Chemistry II 3
- CHEM 3621 - Physical Chemistry II Lab 1
- CHEM 4000 - Advanced Chemistry Seminar 1
- CHEM 4310 - Biochemistry I 3
- CHEM 4311 - Biochemistry I Lab 1
- CHEM 4941 - Elements of Research 1 to 3 (2 hours required)
- CHEM 4990 - Research Thesis 1

Total Hours 36

Major Guided Electives

- Select three (3) additional hours from Any CHEM 3000-4999
- Select 21 hours of any elective courses in consultation with your advisor

Total Hours 24

Total Program Hours 123

Chemistry Minor

The chemistry minor is well-suited for students majoring in related STEM fields and for students pursuing careers in the allied health sciences. The curriculum provides a general background in chemical concepts and laboratory practices and helps prepare students for further study in professional health schools and for interdisciplinary careers requiring a background in chemistry.

Minor Requirements

Lower Division

- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1

Total Hours 8

Minor Guided Electives

Complete one eight hour sequence from:

- CHEM 3210 - Quantitative Analysis 3
 - CHEM 3211 - Quantitative Analysis Lab 1
 - CHEM 3220 - Instrumental Analysis 3
 - CHEM 3221 - Instrumental Analysis Lab 1
 - or
 - CHEM 3440 - Inorganic Chemistry 3
 - CHEM 3441 - Inorganic Chemistry Lab 1
 - CHEM 4440 - Advanced Inorganic Chemistry 3
 - CHEM 4441 - Advanced Inorganic Chemistry Lab 1
 - or
 - CHEM 3510 - Organic Chemistry I 3
 - CHEM 3511 - Organic Chemistry I Lab 1
 - CHEM 3520 - Organic Chemistry II 3
 - CHEM 3521 - Organic Chemistry II Lab 1
 - or
 - CHEM 3500 - Brief Organic Chemistry 3
 - CHEM 3501 - Brief Organic Chemistry Lab 1
 - CHEM 4300 - Brief Biochemistry 3
 - CHEM 4301 - Brief Biochemistry Lab 1
 - or
 - CHEM 3610 - Physical Chemistry I 3
 - CHEM 3611 - Physical Chemistry I Lab 1
 - CHEM 3620 - Physical Chemistry II 3
 - CHEM 3621 - Physical Chemistry II Lab 1
- Complete four hours from:**
- CHEM 3000-4999 4

Total Hours 12

Total Hours 20

Department of Computer Science and Information Technology

College of Science, Technology, Engineering and Mathematics

Location: Maynard Mathematics and Computer Science Building 206

Phone: 931-221-7840

Website: www.apsu.edu/csci

Programs:

Bachelor of Science

- Computer Information Systems (B.S.)
- Computer Information Technology (B.S.)
- Computer Science (B.S.)

Concentration

- Computer Networking Concentration
- General Computer Science Concentration
- General Information Systems Concentration
- Cybersecurity Concentration
- Software Engineering Concentration
- Web and Database Concentration

Minors (non-degree)

- Artificial Intelligences and Robotics Minor
- Computer Networking Minor
- Computer Science Minor
- Cybersecurity Minor
- Web Technology Minor

Computer Information Systems (B.S.)

Location: Maynard Mathematics and Computer Science Building 206

Phone: 931-221-7840

Website: <http://www.apsu.edu/csci/index.php>

Description of Major

The Computer Information Systems major prepares students to work in technical but applied areas of computing. While maintaining an emphasis on programming, it addresses several areas of application, including systems development and cybersecurity.

Program CIP Code

06.11.0501.00

Concentrations

- General Information Systems Concentration
- Cybersecurity Concentration

Cybersecurity Concentration

The Computer Information Systems major prepares students to work in technical but applied areas of computing. While maintaining an emphasis on programming, the Cybersecurity concentration introduces students to topics in the field.

Program CIP Code

06.11.0501.00

General Education Core

Computing Core

Complete one option from:

- CSCI 1010 - Introduction to Programming I 3
- CSCI 1011 - Introduction to Programming I Lab 1
- CSCI 2010 - Introduction to Programming II 3
- CSCI 2011 - Introduction to Programming II Lab 1
- OR
- CSCI 2000 - Programming for STEM 4

- CSCI 2600 - Computer Ethics 3
- CSCI 2700 - Data Communications and Networking 3
- CSCI 4200 - Principles of Information Security 3
- CSCI 4400 - Principles of Database Management 3
- CSCI 4800 - Senior Seminar 1

Total Hours 17-21

Computer Information Systems Major Core

- CSCI 4018 - Cloud Computing 3
- CSCI 4603 - Requirements and Project Management 3
- CSCI 4750 - Systems Analysis and Design 3
- ENGL 1100 - Technical and Report Writing 3
- MATH 1530 - Elements of Statistics 3
- CSCI 2500 - Discrete Structures 3

Information Systems Environment

Complete ONE of the following ISE focuses

Earth and Environmental Focus

- GEOG 1015 - Physical Geography 3
- GEOG 3150 - Geographic Information Systems I 3
- GEOG 3151 - Geographic Information Systems I Lab 1
- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1
- GEOL 1050 - Historical Geology 3
- GEOL 1051 - Historical Geology Lab 1

Business Focus

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ECON 2100 - Principles of Macroeconomics 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MKT 2010 - Principles of Marketing 3

Total Hours 33

Cybersecurity Concentration Requirements

- CSCI 4613 - Cryptography 3

Guided Electives

Complete four courses from:

- CSCI 4520 - Network Security 3
- CSCI 4611 - Computer Forensics and Incident Response 3
- CSCI 4612 - Securing Cyber Space (Web, DB, and Platform) 3
- CSCI 4617 - Security Policy and Governance 3
- CSCI 4619 - Ethical Hacking and Offensive Security 3
- CSCI 4624 - Risk Management 3
- CSCI 4625 - Intrusion Detection and Prevention 3
- CSCI 4628 - Defensive Programming 3
- CSCI 4632 - Secure Software Engineering 3
- CSCI 4635 - Malware Analysis and Countermeasures 3
- CSCI 4640 - Information Assurance and Security Leadership 3
- CSCI 4760 - Linux System Administration 3

Total Hours 15

Free Electives

Total Hours 9-13

Total Program Hours 120

General Information Systems Concentration

The Computer Information Systems major prepares students to work in technical but applied areas of computing. While maintaining an emphasis on programming, it addresses several areas of application, including systems development and cybersecurity.

Program CIP Code

06.11.0501.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Computing Core

- CSCI 2700 - Data Communications and Networking 3
 - CSCI 2600 - Computer Ethics 3
 - CSCI 4200 - Principles of Information Security 3
 - CSCI 4400 - Principles of Database Management 3
 - CSCI 4800 - Senior Seminar 1
- Complete one option from:
- CSCI 1010 - Introduction to Programming I 3
 - CSCI 1011 - Introduction to Programming I Lab 1
 - CSCI 2010 - Introduction to Programming II 3
 - CSCI 2011 - Introduction to Programming II Lab 1
- OR
- CSCI 2000 - Programming for STEM 4

Total Hours 17-21

Computer Information Systems Major Core

- CSCI 4018 - Cloud Computing 3
- CSCI 4603 - Requirements and Project Management 3
- CSCI 4750 - Systems Analysis and Design 3
- ENGL 1100 - Technical and Report Writing 3
- MATH 1530 - Elements of Statistics 3
- CSCI 2500 - Discrete Structures 3

Information Systems Environment

Complete ONE of the following ISE focuses

Earth and Environmental Science Focus

- GEOG 1015 - Physical Geography 3
- GEOG 3150 - Geographic Information Systems I 3
- GEOG 3151 - Geographic Information Systems I Lab 1
- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1
- GEOL 1050 - Historical Geology 3
- GEOL 1051 - Historical Geology Lab 1

Business Focus

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ECON 2100 - Principles of Macroeconomics 3
- MGT 2010 - Principles of Management and Organizational Behavior 3
- MKT 2010 - Principles of Marketing 3

Total Hours 33

General Information Systems Concentration

Select 5 (five) CSCI courses from 3000-4999

Total Hours 15

Electives

Total Hours 9-13

Total Program Hours 120

Computer Information Technology (B.S.)

Location: Maynard Mathematics and Computer Science Building 206

Phone: 931-221-7840

Website: <http://www.apsu.edu/csci/index.php>

Description of Major

The Computer Information Technology major prepares students for a career in certain professional job tracks within the information technology field. These tracks include Web administrator, database administrator, and network administrator.

Program CIP Code

06.11.0103.00

Concentrations

- Computer Networking Concentration
- Web and Database Concentration

Computer Networking Concentration

The Computer Information Technology major prepares students for a career in certain professional job tracks within the information technology field. The Computer Networking concentration prepares students for careers such as network administrator and system administrator.

Program CIP Code

06.11.0103.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Computing Core

Complete one option from:

- CSCI 1010 - Introduction to Programming I 3
 - CSCI 1011 - Introduction to Programming I Lab 1
 - CSCI 2010 - Introduction to Programming II 3
 - CSCI 2011 - Introduction to Programming II Lab 1
- OR
- CSCI 2000 - Programming for STEM 4
 - CSCI 2600 - Computer Ethics 3
 - CSCI 2700 - Data Communications and Networking 3
 - CSCI 4200 - Principles of Information Security 3
 - CSCI 4400 - Principles of Database Management 3
 - CSCI 4800 - Senior Seminar 1

Total Hours 17-21

Computer Information Technology Major Core

- CSCI 1005 - Introduction to Information Technology 3
- CSCI 1300 - Introduction to Web Development 3
- CSCI 2500 - Discrete Structures 3
- CSCI 3300 - Client-Side Web Development 3
- CSCI 3350 - User Experience Design 3
- CSCI 4000 - Server-side Web Development 3

- CSCI 4010 - Mobile Software Development 3
- CSCI 4603 - Requirements and Project Management 3
- CSCI 4750 - Systems Analysis and Design 3
- CSCI 4760 - Linux System Administration 3
- MATH 1530 - Elements of Statistics 3

Total Hours 33

Networking Concentration

- CSCI 3770 - Windows Server Administration 3
 - CSCI 4520 - Network Security 3
 - CSCI 4770 - Routing and Switching 3
- Complete one course from:
- CSCI 3870 - Wireless Communication and Networking 3
 - CSCI 4670 - Enterprise Virtualization 3
- Complete 1 course from CSCI 3000-4999.

Total Hours 15

Electives

Total Hours 12 - 16

Total Program Hours 120

Web and Database Concentration

The Computer Information Technology major prepares students for a career in certain professional job tracks within the information technology field. The Web and Database concentration prepares students for careers such as web developer and database administrator.

Program CIP Code

06.11.0103.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Computing Core

Complete one option from:

- CSCI 1010 - Introduction to Programming I 3
 - CSCI 1011 - Introduction to Programming I Lab 1
 - CSCI 2010 - Introduction to Programming II 3
 - CSCI 2011 - Introduction to Programming II Lab 1
- OR
- CSCI 2000 - Programming for STEM 4
 - CSCI 2600 - Computer Ethics 3
 - CSCI 2700 - Data Communications and Networking 3
 - CSCI 4200 - Principles of Information Security 3
 - CSCI 4400 - Principles of Database Management 3
 - CSCI 4800 - Senior Seminar 1

Total Hours 17-21

Computer Information Technology Major Core

- CSCI 1005 - Introduction to Information Technology 3
- CSCI 1300 - Introduction to Web Development 3
- CSCI 2500 - Discrete Structures 3
- CSCI 3300 - Client-Side Web Development 3
- CSCI 3350 - User Experience Design 3
- CSCI 4000 - Server-side Web Development 3

- CSCI 4010 - Mobile Software Development 3
- CSCI 4603 - Requirements and Project Management 3
- CSCI 4750 - Systems Analysis and Design 3
- CSCI 4760 - Linux System Administration 3
- MATH 1530 - Elements of Statistics 3

Total Hours 33

Web and Database Concentration

- CSCI 4405 - Database Administration 3
 - CSCI 4460 - Content Management Systems 3
- Complete three courses (9 hours) from CSCI 3000-4999.

Total Hours 15

Electives

Total Hours 12 - 16

Total Program Hours 120

Computer Science (B.S.)

Location: Maynard Mathematics and Computer Science Building 206

Phone: 931-221-7840

Website: www.apsu.edu/csci

Program Description

The Department of Computer Science and Information Technology offers a Bachelor of Science degree with a major in Computer Science. The Computer Science major covers the technical areas of computing with an emphasis on programming and algorithm design. It includes a significant mathematics component. It has three concentrations: Computer Theory and Systems, Intelligent Robotics, and Software Engineering.

Program CIP Code

06.11.0701.00

Concentrations

- General Computer Science Concentration
- Software Engineering Concentration

General Computer Science Concentration

The Computer Science major covers the technical areas of computing with an emphasis on programming and algorithm design. It includes a significant mathematics component. It allows students to study traditional computer science topics. The General Computer Science concentration allows students to explore other computer-related topics of their choice.

Program CIP Code

06.11.0701.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Computing Core

Complete one option from:

- CSCI 1010 - Introduction to Programming I 3
 - CSCI 1011 - Introduction to Programming I Lab 1
 - CSCI 2010 - Introduction to Programming II 3
 - CSCI 2011 - Introduction to Programming II Lab 1
 - OR
 - CSCI 2000 - Programming for STEM 4
-
- CSCI 2700 - Data Communications and Networking 3
 - CSCI 2600 - Computer Ethics 3
 - CSCI 4200 - Principles of Information Security 3
 - CSCI 4400 - Principles of Database Management 3
 - CSCI 4800 - Senior Seminar 1

Total Hours 17-21

Computer Science Major Core

- CSCI 3005 - Graphical User Interfaces 3
- CSCI 3250 - Data Structure and Algorithms 3
- CSCI 3400 - Computer Organization I 3
- CSCI 4100 - Operating Systems and Architecture 3
- CSCI 4230 - Programming Languages 3

- CSCI 4270 - Algorithm Design and Analysis 3
- CSCI 4805 - Computer Science Capstone 3
- MATH 1910 - Calculus I 4
- MATH 1920 - Calculus II 4
- MATH 3000 - Discrete Mathematics 3
- MATH 3450 - Linear Algebra 3
- **Complete one course from:**
- MATH 4670 - Introduction to Numerical Analysis 3
- STAT 3250 - Statistical Methods 3
- STAT 4240 - Introduction to Probability 3
- **Select two lecture and Lab sequences from below:**
- ASTR 1010 - Planetary Astronomy 3
- ASTR 1011 - Planetary Astronomy Lab 1
- ASTR 1020 - Stellar Astronomy 3
- ASTR 1021 - Stellar Astronomy Lab 1
- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1
- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1
- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1
- GEOL 1050 - Historical Geology 3
- GEOL 1051 - Historical Geology Lab 1
- PHYS 2010 - College Physics I 3
- PHYS 2011 - College Physics I Lab 1
- PHYS 2020 - College Physics II 3
- PHYS 2021 - College Physics II Lab 1
- PHYS 2110 - University Physics I 3
- PHYS 2111 - University Physics I Lab 1
- PHYS 2120 - University Physics II 3
- PHYS 2121 - University Physics II Lab 1

Total Hours 46

General Computer Science Concentration

Select four CSCI courses 3000-4999.

Total Hours 12

Electives

Total Hours 7-11

Total Program Hours 120

Software Engineering Concentration

The Computer Science major covers the technical areas of computing with an emphasis on programming and algorithm design. It includes a significant mathematics component. It allows students to study traditional computer science topics. The Software Engineering concentration allows students to be exposed to topics in the field of software engineering.

Program CIP Code

06.11.0701.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- MATH 1910 - Calculus I 4
- **Complete two sequences from:**
- ASTR 1010 - Planetary Astronomy 3
- ASTR 1011 - Planetary Astronomy Lab 1
- ASTR 1020 - Stellar Astronomy 3
- ASTR 1021 - Stellar Astronomy Lab 1
- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1
- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1
- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1
- GEOL 1050 - Historical Geology 3
- GEOL 1051 - Historical Geology Lab 1
- PHYS 2010 - College Physics I 3
- PHYS 2011 - College Physics I Lab 1
- PHYS 2020 - College Physics II 3

- PHYS 2021 - College Physics II Lab 1
- PHYS 2110 - University Physics I 3
- PHYS 2111 - University Physics I Lab 1
- PHYS 2120 - University Physics II 3
- PHYS 2121 - University Physics II Lab 1

Computing Core

Complete one option from:

- CSCI 1010 - Introduction to Programming I 3
 - CSCI 1011 - Introduction to Programming I Lab 1
 - CSCI 2010 - Introduction to Programming II 3
 - CSCI 2011 - Introduction to Programming II Lab 1
 - OR
 - CSCI 2000 - Programming for STEM 4
-
- CSCI 2600 - Computer Ethics 3
 - CSCI 2700 - Data Communications and Networking 3
 - CSCI 4200 - Principles of Information Security 3
 - CSCI 4400 - Principles of Database Management 3
 - CSCI 4800 - Senior Seminar 1

Total Hours 17-21

Computer Science Major Core

- CSCI 3005 - Graphical User Interfaces 3
- CSCI 3250 - Data Structure and Algorithms 3
- CSCI 3400 - Computer Organization I 3
- CSCI 4100 - Operating Systems and Architecture 3
- CSCI 4230 - Programming Languages 3
- CSCI 4805 - Computer Science Capstone 3
- CSCI 4270 - Algorithm Design and Analysis 3
- MATH 1920 - Calculus II 4
- MATH 3000 - Discrete Mathematics 3
- MATH 3450 - Linear Algebra 3

Total Hours 34

Software Engineering Concentration

- CSCI 4600 - Software Engineering 3
- CSCI 4601 - Testing and Quality Assurance 3
- CSCI 4602 - Software Design and Architecture 3
- CSCI 4603 - Requirements and Project Management 3

Total Hours 12

Free Electives

Total Hours 11-15

Total Program Hours 120

Artificial Intelligence and Robotics Minor

The Artificial Intelligence and Robotics Minor will introduce students to several areas in and related to artificial intelligence. The minor includes courses in general artificial intelligence, machine learning, and robotics.

Required Courses

- CSCI 3250 - Data Structure and Algorithms 3
- CSCI 4450 - Artificial Intelligence 3
- CSCI 4560 - Robotics I 3
- CSCI 4562 - Robotics I Lab 1
- CSCI 4561 - Robotics II 3
- CSCI 4563 - Robotics II Lab 1
- MATH 4310 - Machine Learning I 3
- MATH 4320 - Machine Learning II 3

Total Hours 20

Computer Networking Minor

The Computer Networking Minor provides students with an in-depth understanding of the foundations of data communication and modern networking technology. It develops technical skills needed to deploy and manage an enterprise network in a secure computing environment. Students pursuing the B.S. Computer Information Technology major with the Networking concentration may not also pursue a Computer Networking minor.

Minor Requirements

Lower Division Courses

- CSCI 1005 - Introduction to Information Technology **3**
or
CSCI 1010 - Introduction to Programming I **3** / CSCI 1011 **1**
or
CSCI 2000 - Programming for STEM **4**
- CSCI 2700 - Data Communications and Networking **3**

Total Hours 6 - 7

Upper Division Courses

- CSCI 3770 - Windows Server Administration **3**
- CSCI 4520 - Network Security **3**
- CSCI 4770 - Routing and Switching **3**
Select one (1) course from the list below:
- CSCI 3870 - Wireless Communication and Networking **3**
- CSCI 4670 - Enterprise Virtualization **3**
- CSCI 4760 - Linux System Administration **3**

Total Hours 12

Total Hours 18-19

Computer Science Minor

The Computer Science Minor covers the technical areas of computing with an emphasis on programming and algorithm design. Students pursuing the B.S. Computer Science major may not also pursue a Computer Science minor.

Minor Requirements

Lower Division Courses

Complete one option from:

- CSCI 1010 - Introduction to Programming I 3
 - CSCI 1011 - Introduction to Programming I Lab 1
 - CSCI 2010 - Introduction to Programming II 3
 - CSCI 2011 - Introduction to Programming II Lab 1
- OR

- CSCI 2000 - Programming for STEM 4
- Select one (1) of the math courses listed below:*
- MATH 1730 - Precalculus 4
 - MATH 1810 - Elements of Calculus 3
 - MATH 1910 - Calculus I 4

Total hours 7-12

Upper Division Courses

- CSCI 3400 - Computer Organization I 3
- Select three (3) CSCI courses 3000-level or above*
- CSCI 3000 or above 9

Total hours 12

Total hours 19-24

Cybersecurity Minor

The Cybersecurity Minor prepares students to work in the information security and data protection areas. It emphasizes data communications, network security, cryptography, and computer forensics. Students pursuing the B.S. Computer Information Systems major with the Cybersecurity Concentration may not also pursue an Cybersecurity Minor.

Required Courses

Lower division courses

- CSCI 1005 - Introduction to Information Technology 3
or CSCI 1010 - Introduction to Programming I 3 / CSCI 1011 1 or CSCI 2000 - Programming for STEM 4
- CSCI 2600 - Computer Ethics 3
- CSCI 2700 - Data Communications and Networking 3

Total hours 9 - 10

Upper division courses

- CSCI 4200 - Principles of Information Security 3
Complete three (3) courses from the list below:
- CSCI 4520 - Network Security 3
- CSCI 4611 - Computer Forensics and Incident Response 3
- CSCI 4612 - Securing Cyber Space (Web, DB, and Platform) 3
- CSCI 4613 - Cryptography 3
- CSCI 4617 - Security Policy and Governance 3
- CSCI 4619 - Ethical Hacking and Offensive Security 3
- CSCI 4624 - Risk Management 3
- CSCI 4625 - Intrusion Detection and Prevention 3
- CSCI 4628 - Defensive Programming 3
- CSCI 4632 - Secure Software Engineering 3
- CSCI 4635 - Malware Analysis and Countermeasures 3
- CSCI 4760 - Linux System Administration 3

Total hours 12

Total Hours 21-22

Web Technology Minor

The Web Technology Minor will introduce students to the basic areas of Web page design, creation, and management. It includes an introduction to programming, an introduction to web development and web page design, an introduction to scripting using several platforms, and an introduction to database management. Students pursuing the B.S. Computer Information Technology major with the Web and Database concentration may not also pursue a Web Technology minor.

Required Courses

Lower division courses

- CSCI 2000 - Programming for STEM 4
or
CSCI 1010 - Introduction to Programming I 3 / CSCI 1011 1
- CSCI 1300 - Introduction to Web Development 3

Total hours 7

Upper division courses

- CSCI 4000 - Server-side Web Development 3
or
CSCI 4650 - Windows Server-Side Web Development 3
- CSCI 3300 - Client-Side Web Development 3
- CSCI 3350 - User Experience Design 3
- CSCI 4400 - Principles of Database Management 3

Total hours 12

Total Hours 19

Department of Earth and Environmental Sciences

College of Science, Technology, Engineering and Mathematics

Location: McCord, 203

Phone: 931-221-7454

Website: www.apsu.edu/geosciences

Programs:

Bachelor of Science

- Earth and Environmental Sciences (B.S.)

Concentration

- Geography Concentration
- Geology Concentration

Minors (non-degree)

- Geographic Information Systems Minor
- Geography Minor
- Geology Minor
- Water Resources Management Minor

Earth and Environmental Sciences (B.S.)

Location: McCord Bldg., Room 203

Phone: 931-221-7454

Website: <http://www.apsu.edu/ees>

The Department of Earth and Environmental Sciences offers a Bachelor of Science in Earth and Environmental Sciences with two concentrations, Geology and Geography that prepare students for working in a diversity of Geosciences specialties such as the geological sciences, environmental hazards, geographic information science, and global environment and development. In addition, we also offer minors in Geology, Geography, GIS and Water Resources Management.

The Geography concentration prepares students for a holistic examination of the Earth including ecosystem and atmospheric processes, natural hazards, and environmental management, relationships between nature and society, and understanding relationships between events around the world that cause changes to both in natural and socio-economic systems. Coursework will discuss topics such as spatial analysis, environmental protection, global security, international cooperation and regional development that ensure that students will become better stewards of the planet. Geography is interdisciplinary and offers diverse career opportunities in areas such as environmental management, disaster management and response, regional and economic development, careers abroad, and geographic information systems.

The Geology concentration encompasses the broad study of materials of the earth and processes that affect them as well as the evolution of life and its impact on earth materials and processes. Earth processes include volcanism, plate tectonics, earthquakes, landslides, and ground and surface water migration. Geologists utilize their knowledge to identify and assess environmental hazards such as ground and surface water contamination, land surface stability, and volcanic and earthquake activity. Knowledge of earth processes also helps the geologist understand the formation occurrence, and extraction of natural resources such as water, oil and gas, and valuable minerals and metals. Geology is a great field of study for students who enjoy blending the outdoor physical environment with science. With consultation of a faculty advisor, our program prepares students for jobs in the geological sciences in private industry, state, and federal government, and teaching, or for entrance into graduate school in the Geosciences. Our graduates are successfully employed in the environmental field and in the exploration or production of natural resources. The Bachelor of Earth and Environmental Sciences with a concentration in Geology prepares students for state licensure to practice in the state of Tennessee.

Program CIP Code

25.40.0601.00

Concentrations

- Geography Concentration
- Geology Concentration

Geography Concentration

Program CIP Code

25.40.0601.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- CHEM 1010 - Introductory Chemistry I **3** / CHEM 1011 **1** (lab) or higher *acceptable to core*
- GEOG 1035 - World Geography **3**
- GEOL 1040 - Physical Geology **3** / GEOL 1041 **1** (lab)
- MATH 1530 - Elements of Statistics **3** or higher *acceptable to core*

Major Core Requirements

Lower Division Courses

- GEOG 1015 - Physical Geography **3**

Total Hours **3**

Upper Division Courses

- GEOG 3150 - Geographic Information Systems I **3** / GEOG 3151 **1** (lab)
- GEOL 3060 - Statistics in the Geosciences **3** / GEOL 3061 **1** (lab)

Total Hours **8**

Concentration Requirements

Lower Division Courses

- GEOG 1045 - Popular World Geography **3**

Total Hours **3**

Upper Division Courses

- GEOG 4040 - Sustainable Development 3

Total Hours 3

Concentration Guided Electives

Group I - Geography Electives

Complete at least thirty-two (32) credit hours from Group I

Complete at least six (6) credit hours of Regional courses from the following

- GEOG 3110 - Geography of the United States and Canada 3
- GEOG 3120 - Geography of Asia 3
- GEOG 3130 - Geography of the Middle East 3
- GEOG 3750 - Geography of Africa 3

Complete at least six (6) credit hours of Technique/Method courses from the following

- GEOG 3250 - Geographic Information Systems II 2 / GEOG 3251 1 (lab)
- GEOG 3920 - Field Mapping and Global Positioning System 3
- GEOG 4250 - Applied Geographic Information Systems 3
- GEOG 4260 - Remote Sensing 3 / GEOG 4261 1 (lab)

Complete at least twelve (12) credit hours of Physical Environmental Geography courses from the following

- GEOG 3450 - Oceanography 3 / GEOG 3451 1 (lab)
- GEOG 3930 - Natural Hazards in Environment 3
- GEOG 3940 - Technological Hazards in the Environment 3
- GEOG 4000 - Environmental Management 3
- GEOG 4010 - Environmental Assessment 3
- GEOG 4170 - Meteorology 3 / GEOG 4171 1 (lab)
- GEOG 4180 - Climatology 3 / GEOG 4181 1 (lab)
- GEOG 4650 - Field Study Biogeography and Biodiversity 4

Total Hours 32-33

Group II-Supporting Disciplines

Complete twelve (12) credit hours from any classes in the four areas below

Area 1: Natural Sciences

- AGRI 2210 - Soils 3 / AGRI 2211 1 (lab)
- AGRI 4220 - Soil and Water Conservation 2 / AGRI 4221 1 (lab)
- AGRI 4230 - Land Use 3
- AGRI 4420 - Forestry 2 / AGRI 4421 1 (lab)
- BIOL 1110 - General Biology I 3 / BIOL 1111 1 (lab)
- GEOL 3030 - Environmental Geology 3 / GEOL 3031 1 (lab)
- GEOL 4050 - Process Geomorphology 3 / GEOL 4051 1 (lab)
- Up to twelve (12) hours of physics and/or astronomy chosen in consultation with the student's advisor

Area 2: Social Sciences

- HIST 4070 - Modern Latin America 3
- PHIL 2200 - Religion and the World 3
- POLS 2070 - International Politics 3
- POLS 3120 - European Politics 3
- POLS 3140 - Latin American Politics 3
- POLS 3190 - Russian Politics and Government 3
- POLS 3200 - Politics and Government in China 3
- POLS 3300 - International Political Economy 3
- SOC 3750 - Population Dynamics 3

Area 3: Computer Science

- CSCI 1017 - Introduction to Python Programming 3
- CSCI 3300 - Client-Side Web Development 3
- CSCI 4000 - Server-side Web Development 3
- CSCI 4400 - Principles of Database Management 3

Area 4: Foreign Language

- Select any 2000 level or above foreign language courses 12

Total Hours 12

Free Electives

- select any courses

Total Hours 13-17

Total Program Hours 120

Geology Concentration

The Geology concentration encompasses the broad study of materials of the earth and processes that affect them as well as the evolution of life and its impact on earth materials and processes. Earth processes include volcanism, plate tectonics, earthquakes, landslides, and ground and surface water migration. Geologists utilize their knowledge to identify and assess environmental hazards such as ground and surface water contamination, land surface stability, and volcanic and earthquake activity. Knowledge of earth processes also helps the geologist understand the formation, occurrence, and extraction of natural resources such as water, oil and gas, and valuable minerals and metals. Geology is a great field of study for students who enjoy blending the outdoor physical environment with science. With consultation of a faculty advisor, our program prepares students for jobs in the geological sciences in private industry, state and federal government, and teaching, or for entrance into graduate school in the Geosciences. Our graduates are successfully employed in the environmental field and in the exploration or production of natural resources. The Bachelor of Geosciences with a concentration in geology prepares students for state licensure to practice geology in the state of Tennessee.

Program CIP Code

25.40.0601.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major and Concentration Requirements that Satisfy General Education Core

- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1
- GEOL 1050 - Historical Geology 3
- GEOL 1051 - Historical Geology Lab 1
- MATH 1730 - Precalculus 4

Major Core Requirements

Lower Division Courses

- GEOG 1015 - Physical Geography 3

Total Hours 3

Upper Division Courses

- GEOG 3150 - Geographic Information Systems I **3** / GEOG 3151 **1** (lab)
- GEOL 3060 - Statistics in the Geosciences **3** / GEOL 3061 **1** (lab)

Total Hours 8

Concentration Requirements

Lower Division Courses

- CHEM 1120 - General Chemistry II **3** / CHEM 1121 **1** (lab)
- CHEM 1110 - General Chemistry I **3** / CHEM 1111 **1** (lab)

Total Hours 8

Upper Division Courses

- GEOL 3100 - Stratigraphy and Sedimentation **3** / GEOL 3101 **1** (lab)
- GEOL 3500 - Mineralogy **3** / GEOL 3501 **1** (lab)
- GEOL 3600 - Petrology **3** / GEOL 3601 **1** (lab)
- GEOL 4080 - Structural Geology **3** / GEOL 4081 **1** (lab)
- GEOL 4082 - Structure Field Practicum **1**
- GEOL 4250 - Hydrogeology **3** / GEOL 4251 **1** (lab)
- GEOL 4910 - Invertebrate Paleontology **3** / GEOL 4911 **1** (lab)
- GEOL 4995 - Seminar in Geoscience Communication **2**

Total Hours 27

Allied Science Courses

Select eight (8) credit hours from the list below

- BIOL 1110 - General Biology I **3** / BIOL 1111 **1** (lab)
- PHYS 2010 - College Physics I **3** / PHYS 2011 **1** (lab)
- PHYS 2020 - College Physics II **3** / PHYS 2021 **1** (lab)
- PHYS 2110 - University Physics I **3** / PHYS 2111 **1** (lab)
- PHYS 2120 - University Physics II **3** / PHYS 2121 **1** (lab)

Total Hours 8

Concentration Guided Electives

Select ten (10) credit hours from the list below

- GEOL 3030 - Environmental Geology **3**
- GEOL 3031 - Environmental Geology Lab **1**

- GEOL 3680 - Principles of Geochemistry 3
- GEOL 4050 - Process Geomorphology 3
- GEOL 4051 - Process Geomorphology Lab 1
- GEOL 4450 - Economic Geology 3
- GEOL 4451 - Economic Geology Lab 1
- GEOL 4500 - Laboratory Research Project 1 to 3
- GEOL 455A, B, C - Seminar in Earth Sciences 3
- GEOL 4920 - Advanced Paleontology 3
- GEOL 4990 - Geology Field Camp 6
- MATH 1910 - Calculus I 4

Total Hours 10

Free Electives

Total Hours 15

Total Program Hours 120

Geographic Information Systems Minor

Department of Earth and Environmental Science

Location: McCord Bldg., Room 203

Phone: 931-221-7454

Website: <http://www.apsu.edu/geosciences>

The Minor in Geographic Information Systems (GIS) prepares students for current modern trends in geospatial technology, computerized mapping, digital image processing and spatial analysis. It incorporates current advances in spatial sciences and technology. Students that complete the GIS Minor significantly enhance their employment opportunities especially in environmental consulting agencies, mapping technology industry and surveying. The GIS Minor pertains to any natural resource field such as Agriculture, Biology, and Geology as well as Business and Social Sciences. A GIS Minor combined with a computer science major is currently one of the most employable fields in geospatial analysis.

Required Courses

- GEOG 3150 - Geographic Information Systems I 3 / GEOG 3151 - Geographic Information Systems I Lab 1
- GEOG 3250 - Geographic Information Systems II 2 / GEOG 3251 1 (lab)
- GEOG 3920 - Field Mapping and Global Positioning System 3
- GEOG 4260 - Remote Sensing 3 / GEOG 4261 1 (lab)

Total Hours 14

Minor Guided Electives

Complete four hours from:

- CSCI 1016 - Introduction to Visual Basic Programming 3
- CSCI 4160 - Advanced Visual Basic Programming 3
- CSCI 4400 - Principles of Database Management 3
- GEOG 3060 - Statistics in the Geosciences 3
- GEOG 3061 - Statistics in the Geosciences Lab 1
- GEOG 425A, B, C - Applications in GIS 3
- GEOG 4270 - Watershed Management and Modeling 3
- MKT 3710 - Applications in Business Mapping 3

Total Hours 4

Total Hours 18

Geography Minor

Department of Earth and Environmental Science

Location: McCord Bldg., Room 203

Phone: 931-221-7454

Website: <http://www.apsu.edu/geosciences>

Required Courses

- GEOG 1015 - Physical Geography 3
- GEOG 1035 - World Geography 3
- GEOG 1045 - Popular World Geography 3

Total Hours 9

Minor Guided Electives

Nine (9) hours from Upper Division Geography Courses (GEOG 3000-4999). Students must get their advisor's approval for these courses.

Total Hours 9

Total Hours 18

Geology Minor

Department of Earth and Environmental Science

Location: McCord Bldg., Room 203

Phone: 931-221-7454

Website: <http://www.apsu.edu/geosciences>

The Geology Minor is useful to all students interested in broadening their knowledge of minerals, rocks, fossils, soil and water pollution, climatic processes, natural disaster forecasting, landform development, and the history of the Earth. It is an important addition to many majors at APSU, in particular, to Agriculture, Biology, Chemistry, Physics, Engineering, Education, Geography, and the humanities. The minor may be customized for the student's interests, including: environmental studies, earth materials and resources, paleontology, and ground and surface water issues.

Required Courses

- GEOL 1040 - Physical Geology **3** / GEOL 1041 1 (lab)
- GEOL 1050 - Historical Geology **3** / GEOL 1051 1 (lab)

Total Hours 8

Minor Guided Electives

Select ten (10) credit hours from the courses listed below. Students must get advisor's approval for these courses.

- GEOL 3030 - Environmental Geology **3** / GEOL 3031 1 (lab)
- GEOL 3060 - Statistics in the Geosciences **3** / GEOL 3061 1 (lab)
- GEOL 3100 - Stratigraphy and Sedimentation **3** / GEOL 3101 1 (lab)
- GEOL 3500 - Mineralogy **3** / GEOL 3501 1 (lab)
- GEOL 3600 - Petrology **3** / GEOL 3601 1 (lab)
- GEOL 3680 - Principles of Geochemistry **3**
- GEOL 4050 - Process Geomorphology **3** / GEOL 4051 1 (lab)
- GEOL 4080 - Structural Geology **3** / GEOL 4081 1 (lab)
- GEOL 4082 - Structure Field Practicum **1**
- GEOL 4100 - Seminar in Tectonics **3**
- GEOL 4250 - Hydrogeology **3** / GEOL 4251 1 (lab)
- GEOL 4450 - Economic Geology **3** / GEOL 4451 1 (lab)
- GEOL 4500 - Laboratory Research Project **1 to 3**
- GEOL 455A, B, C - Seminar in Earth Science **3**
- GEOL 4910 - Invertebrate Paleontology **3** / GEOL 4911 1 (lab)
- GEOL 4920 - Advanced Paleontology **3**
- GEOL 4990 - Geology Field Camp **6**
- GEOL 4995 - Seminar in Geoscience Communication **2**

Total Hours 10

Total Hours 18

Water Resources Management Minor

Department of Geosciences Location: McCord Bldg., Room 203 Phone: 931-221-7454 Website:

<http://www.apsu.edu/geosciences> The Minor in Water Resources Management (WRM) prepares students for addressing current problems with surface and subsurface water quantity and quality. Coupled with current advances in geospatial mapping sciences and technology, the minor provides a level of specialization at the undergraduate level that enables geoscience students to make valuable contributions to hydrological investigation and remediation. Students that complete the minor significantly enhance their employment opportunities, especially with environmental consulting agencies and governmental regulating agencies, as well as research in university graduate programs. The minor has applications to environmental protection and natural resources fields such as Agriculture, Biology, Geology, and Engineering.

Required Courses

- GEOL 4250 - Hydrogeology 3 /GEOL 4251 1 (lab)
GEOG 4270 - Surface Water Hydrology 3 / GEOG 4271 - Surface Water Hydrology Lab 1

Total Hours 8

Minor Guided Electives

Select ten (10) credit hours from the courses listed below

- AGRI 2210 - Soils 3 /AGRI 2211 1 (lab)
- AGRI 4220 - Soil and Water Conservation 2 /AGRI 4221 1 (lab)
- BIOL 4080 - General Ecology 3 /BIOL 4081 1 (lab)
- BIOL 4330 - Aquatic Biology and Water Quality 3 /BIOL 4331 1 (lab)
- BIOL 4340 - Algal Ecology 3 /BIOL 4341 1 (lab)
- BIOL 4550 - Ichthyology 3 / BIOL 4551 1 (lab)
- BIOL 4560 - Aquatic Macroninvertebrates 3 / BIOL 4561 1 (Lab)
- CHEM 3210 - Quantitative Analysis 3 /CHEM 3211 1 (lab)
- CHEM 3220 - Instrumental Analysis 3 /CHEM 3221 1 (lab)
- ENGT 3730 - Soil Mechanics 3
- ENGT 3740 - Water and Sewer Systems 3
- ENGT 4710 - Fluid Mechanics 3
- GEOG 3450 - Oceanography 3 /GEOG 3451 1 (lab)
- GEOG 4000 - Environmental Management 3
- GEOG 4170 - Meteorology 3 /GEOG 4171 1 (lab)
- GEOL 3030 - Environmental Geology 3 /GEOL 3031 1 (lab)
- GEOL 3100 - Stratigraphy and Sedimentation 3 /GEOL 3101 1 (lab)
- GEOL 3680 - Principles of Geochemistry 3

- GEOL 4050 - Process Geomorphology **3** /GEOL 4051 1 (lab)
- GEOL 4250 - Hydrogeology **3** /GEOL 4251 1
- MATH 3120 - Differential Equations I **3**
- PHYS 4000 - Computational Physics **3** /PHYS 4001 1 (lab)

NOTE: Students should complete CHEM 1110/1111 as part of the General Education Core to satisfy the prerequisite for required courses in the minor.

Total Hours 10

Total Hours 18

Department of Engineering Technology

Austin Peay Center at Fort Campbell

Phone: 931-221-1470

Email: tamayom@apsu.edu

The four-year Bachelor of Science degree program Engineering Technology programs prepare graduates for careers transforming engineering concepts into reality through practical applications of technology. This requires knowledge of engineering and scientific principles; a practical understanding of manufacturing processes, materials, machinery, and electronics; written, oral, and graphic communication skills; and hands-on training. These programs are closely related to training of engineers, but places greater emphasis on practical aspects and hands-on experience

Programs:

Bachelor of Science

- Engineering Technology (B.S.)
- Aviation Science (B.S.)

Associate of Applied Science

- Engineering Technology (A.A.S.)

Concentration

- Electrical Engineering Technology Concentration
- Electronics Engineering Technology A.A.S.
- Manufacturing Engineering Technology
- Mechanical Engineering Technology
- Mechatronics Engineering Technology
- Mechatronics Engineering Technology A.A.S.
- Rotor-Wing Concentration

Minors (non-degree)

- Engineering Technology Minor

Aviation Science, (B.S.)

Clarksville Regional Airport, Hangar 5
220 Outlaw Field Road Clarksville, TN 37042

Phone: 931-221-1494

Program Contact: Charles Weigandt

Email: weigandtc@apsu.edu

Website: www.apsu.edu/engineering-technology

Program CIP Code

29.49.0102.00

Concentrations

- Rotor-Wing Concentration

Rotor-Wing Concentration

Clarksville Regional Airport, Hangar 5
200A Outlaw Field Road Clarksville, TN 37042
Phone: 931-221-1494
Email: weigandtc@apsu.edu
Website: www.apsu.edu/aviation

Program CIP Code

29.49.0102.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- GEOG 1015 - Physical Geography 3
- MATH 1710 - Precalculus Algebra 3
- PHYS 1010 - Concepts: Motion, Heat, and Sound 3
and
- PHYS 1011 - Concepts Lab: Motion, Heat, and Sound 1
- PSYC 1030 - Introduction to Psychology 3

Concentration Requirements

Lower Division Requirements

- AVI 1000 - Introduction to Aviation Science 3
- AVI 1020 - Aviation Regulations 3
- AVI 1040 - Private Pilot Operations 3
- AVI 1060 - Flight Navigation 3
- AVI 1100 - Rotor-Wing Private Pilot Lab I 2
- AVI 2000 - Instrument Flight Operations 3
- AVI 2020 - Commercial Flight Operations 3
- AVI 2100 - Rotor-Wing Private Pilot Lab II 2
- AVI 2120 - Instrument Flight Operations Lab I 2
- AVI 2140 - Instrument Flight Operations Lab II 2
- MGT 1110 - Introduction to Business 3

Total Hours: 29

Upper Division Courses

- AVI 3020 - Aerodynamics 3
- AVI 3040 - Air Traffic Control 3
- AVI 3060 - Rotor-Wing Aircraft Design 3
- AVI 3070 - Certified Flight Instructor 3
- AVI 3080 - Aviation Meteorology 3
- AVI 3090 - Prime Mover Technologies 3
- AVI 3100 - Commercial Flight Operations Lab 1 2
- AVI 3120 - Commercial Flight Operations Lab II 2
- AVI 3140 - Certified Flight Instructor Lab I 2
- AVI 4000 - Certified Flight Instructor Instrument 3
- AVI 4020 - Night Vision Systems 3
- AVI 4040 - Mountain Flight Operations 3
- AVI 4100 - Certified Flight Instructor Lab II 2
- AVI 4120 - Certified Flight Instructor Instrument Lab 2
- AVI 4200 - Aviation Capstone 3
- AVI 3000 - Flight Safety Management 3

Total Hours: 43

Free Electives

Students should complete 6 hours of electives from any courses numbered 3000 - 4999.

Total Hours: 6

Total Program Hours: 120

Engineering Technology (B.S.)

Austin Peay Center at Fort Campbell

Phone: 931-221-1470

Email: tamayom@apsu.edu

Description of Major

Engineering Technology is a multi-discipline major with industry specific concentrations in Electronics (AAS; ETAC of ABET accredited), Electrical (BS, 2+2; ETAC of ABET Accredited), Manufacturing (BS; ETAC of ABET accredited), Mechanical (BS; ETAC of ABET accredited), and Mechatronics (BS). Each concentration has been designed to meet the needs of regional, and national industry relative to the specific concentration.

Program CIP Code

09.15.0000.00

Concentrations

- Electrical Engineering Technology Concentration
- Manufacturing Engineering Technology Concentration
- Mechanical Engineering Technology Concentration
- Mechatronics Engineering Technology Concentration

Electrical Engineering Technology Concentration

The BS degree in Engineering Technology with a concentration in Electrical is designed to prepare students to work in industry as specialists in Electrical Design and Implementation. Electrical Engineering Technologists are specifically trained to fully understand and apply the complex designs created by Electrical Engineers.

Program CIP Code

09.15.0000.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- MATH 1530 - Elements of Statistics 3
- PHYS 2010 - College Physics I 3 / PHYS 2011 (lab)
- PHYS 2020 - College Physics II 3 / PHYS 2021 (lab)

Total Hours 11

Major Core Requirements

Lower Division Courses

- ENGT 1000 - Introduction to Engineering and Engineering Technology 3
- ENGT 1020 - Computer Aided Drafting and Design 3
- ENGT 1200 - Applied Mathematics for Engineering Technology 3
or MATH 1730 - Precalculus
- ENGT 1400 - Applied Calculus for Engineering Technology 3
or MATH 1810 - Elements of Calculus
- ENGT 2000 - Manufacturing Processes 3
- ENGT 2010 - DC Circuits and Applications 3
- ENGT 2020 - Robotics Fundamentals 3
- ENGT 2030 - AC Circuits and Applications 3
- ENGT 2730 - Introduction to Solid Modeling 3

Total Hours 27-28

Upper Division Courses

- ENGT 3000 - Materials Science 3
- ENGT 3010 - Engineering Economics 3
- ENGT 3020 - Statics and Strength of Materials 3
- ENGT 3030 - Thermodynamics 3
- ENGT 3040 - Power Transfer Technology 3
- ENGT 3050 - Problem Solving in Engineering Technology 3

Total Hours 18

Total Hours 45-46

Concentration Requirements

Lower Division Courses

- ENGT 2200 - Electronics Fundamentals I 3
- ENGT 2220 - Digital Design I 3
- ENGT 2240 - Electronics Fundamentals II 3
- ENGT 2250 - Digital Design II 3
- ENGT 2260 - Microcontrollers 3

Total Hours 15

Upper Division Courses

- ENGT 3290 - Communication Systems 3
- ENGT 4150 - Programmable Logic Controls 3
- ENGT 4840 - Linear Electronics 3
- ENGT 4885 - Electrical Capstone 3

Total Hours 12

Concentration Guided Electives

- ENGT 3100 - Robotic Applications 3
- ENGT 3130 - Additive Manufacturing Technology 3
- ENGT 3190 - Reverse Engineering and 3D Laser Scanning 3
- ENGT 4210 - Industrial Automated Systems 3
- ENGT 4991 - Special Problems 3

Total Hours 6

Total Hours 33

Total Program Hours 120-121

Manufacturing Engineering Technology Concentration

The manufacturing engineering technology concentration prepares students with knowledge and skills needed for the design, development, implementation, and management of manufacturing operations. This includes knowledge of design and manufacturing simulation software, materials, manufacturing methods and equipment, computer numerical control (CNC) technology, robots and other technology of manufacturing automation.

Program CIP Code

09.15.0000.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- MATH 1530 - Elements of Statistics 3
- PHYS 2010 - College Physics I 3 / PHYS 2011 1 (lab)
- PHYS 2020 - College Physics II 3 / PHYS 2021 1 (lab)

Total Hours 11

Major Core Requirements

Lower Division Courses

- ENGT 1000 - Introduction to Engineering and Engineering Technology 3
- ENGT 1020 - Computer Aided Drafting and Design 3
- ENGT 1200 - Applied Mathematics for Engineering Technology 3
or MATH 1730 - Precalculus 4
- ENGT 1400 - Applied Calculus for Engineering Technology 3
or MATH 1810 - Elements of Calculus 3
- ENGT 2000 - Manufacturing Processes 3
- ENGT 2010 - DC Circuits and Applications 3
- ENGT 2020 - Robotics Fundamentals 3
- ENGT 2030 - AC Circuits and Applications 3
- ENGT 2730 - Introduction to Solid Modeling 3

Total Hours 27-28

Upper Division Courses

- ENGT 3000 - Materials Science 3
- ENGT 3010 - Engineering Economics 3
- ENGT 3020 - Statics and Strength of Materials 3
- ENGT 3030 - Thermodynamics 3
- ENGT 3040 - Power Transfer Technology 3
- ENGT 3050 - Problem Solving in Engineering Technology 3

Total Hours 18

Total Hours 45-46

Concentration Requirements

Upper Division Courses

- ENGT 3130 - Additive Manufacturing Technology 3
- ENGT 3610 - Production/Operations Management 3
- ENGT 3850 - Manufacturing Processes II 3
- ENGT 4150 - Programmable Logic Controls 3
- ENGT 4730 - Applied Solid Modeling 3
- ENGT 4800 - Machine Design 3
- ENGT 4810 - Advanced Manufacturing Processes 3
- ENGT 4850 - Computer Integrated Manufacturing 3
- ENGT 4890 - Manufacturing Capstone 3

Total Hours 27

Concentration Guided Electives

Select two (2) courses from the list below

- ENGT 3100 - Robotic Applications 3
- ENGT 3810 - Plastics Manufacturing Technology 3
- ENGT 3830 - Metals Manufacturing 3
- ENGT 3840 - Dynamics 3
- ENGT 4130 - Additive Manufacturing Applications 3
- ENGT 4210 - Industrial Automated Systems 3
- ENGT 4710 - Fluid Mechanics 3
- ENGT 4991 - Special Problems 3

Total Hours 6

Total Hours 33

Total Program Hours 120-121

Mechanical Engineering Technology Concentration

The BS degree in Engineering Technology with a concentration in Mechanical is designed to prepare students to work in industry as specialist in Mechanical Design and Implementation. Mechanical Engineering Technologist are specifically trained to fully understand and apply the complex designs created by Mechanical Engineers.

Program CIP Code

09.15.0000.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- MATH 1530 - Elements of Statistics 3
- PHYS 2010 - College Physics I 3 / PHYS 2011 1 (lab)
- PHYS 2020 - College Physics II 3 / PHYS 2021 1 (lab)

Total Hours 11

Major Core Requirements

Lower Division Courses

- ENGT 1000 - Introduction to Engineering and Engineering Technology 3
- ENGT 1020 - Computer Aided Drafting and Design 3
- ENGT 1200 - Applied Mathematics for Engineering Technology 3
or MATH 1730 - Precalculus 4
- ENGT 1400 - Applied Calculus for Engineering Technology 3
or MATH 1810 - Elements of Calculus 3
- ENGT 2000 - Manufacturing Processes 3
- ENGT 2010 - DC Circuits and Applications 3
- ENGT 2020 - Robotics Fundamentals 3
- ENGT 2030 - AC Circuits and Applications 3
- ENGT 2730 - Introduction to Solid Modeling 3

Total Hours 27-28

Upper Division Courses

- ENGT 3000 - Materials Science 3
- ENGT 3010 - Engineering Economics 3
- ENGT 3020 - Statics and Strength of Materials 3
- ENGT 3030 - Thermodynamics 3
- ENGT 3040 - Power Transfer Technology 3
- ENGT 3050 - Problem Solving in Engineering Technology 3

Total Hours 18

Total Hours 45-46

Concentration Requirements

Upper Division Courses

- ENGT 3840 - Dynamics 3
- ENGT 3880 - Energy Conversion 3
- ENGT 4150 - Programmable Logic Controls 3
- ENGT 4710 - Fluid Mechanics 3
- ENGT 4730 - Applied Solid Modeling 3
- ENGT 4800 - Machine Design 3
- ENGT 4880 - Refrigeration Machines and Power Systems 3
- ENGT 4895 - Mechanical Capstone 3

Total Hours 24

Concentration Guided Electives

Select three courses (3) from the list below

- ENGT 3100 - Robotic Applications 3
- ENGT 3130 - Additive Manufacturing Technology 3
- ENGT 3190 - Reverse Engineering and 3D Laser Scanning 3
- ENGT 3610 - Production/Operations Management 3
- ENGT 3650 - Statistical Quality Control 3
- ENGT 3810 - Plastics Manufacturing Technology 3
- ENGT 3830 - Metals Manufacturing 3
- ENGT 3850 - Manufacturing Processes II 3
- ENGT 3860 - Geometric Dimensioning and Tolerancing 3
- ENGT 4130 - Additive Manufacturing Applications 3
- ENGT 4210 - Industrial Automated Systems 3

- ENGT 4810 - Advanced Manufacturing Processes 3
- ENGT 4820 - Vibrations and Noise in Mechanical Systems 3
- ENGT 4850 - Computer Integrated Manufacturing 3
- ENGT 4991 - Special Problems 3

Total Hours 9

Total Hours 33

Total Program Hours 120-121

Mechatronics Engineering Technology Concentration

The BS degree in Engineering Technology with a concentration in Mechatronics prepares students to work in the Automation and Control, or Manufacturing industries as an Automation Systems Design Engineering Technologist for the design and implementation of automated systems.

Program CIP Code

09.15.0000.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- MATH 1530 - Elements of Statistics 3
- PHYS 2010 - College Physics I 3 / PHYS 2011 1 (lab)
- PHYS 2020 - College Physics II 3
/ PHYS 2021 1 (lab)

Major Core Requirements

Lower Division Courses

- ENGT 1000 - Introduction to Engineering and Engineering Technology 3
- ENGT 1020 - Computer Aided Drafting and Design 3
- ENGT 1200 - Applied Mathematics for Engineering Technology 3
or
MATH 1730 - Precalculus 4
- ENGT 1400 - Applied Calculus for Engineering Technology 3
or
MATH 1810 - Elements of Calculus 3
- ENGT 2000 - Manufacturing Processes 3
- ENGT 2010 - DC Circuits and Applications 3
- ENGT 2020 - Robotics Fundamentals 3
- ENGT 2030 - AC Circuits and Applications 3
- ENGT 2730 - Introduction to Solid Modeling 3

Total Hours 27-28

Upper Division Courses

- ENGT 3000 - Materials Science 3
- ENGT 3010 - Engineering Economics 3
- ENGT 3020 - Statics and Strength of Materials 3
- ENGT 3030 - Thermodynamics 3
- ENGT 3040 - Power Transfer Technology 3
- ENGT 3050 - Problem Solving in Engineering Technology 3

Total Hours 18

Concentration Requirements

Lower Division Courses

- MET 2100 - Process Control Technologies 3

Total Hours 3

Upper Division Courses

- MET 3200 - Industrial Totally Integrated Automation 3
- MET 3300 - Advanced Automation 3
- MET 3400 - Electromechanical Power 3
- MET 3500 - Machine Dynamics 3
- MET 3600 - Integrated Manufacturing 3
- MET 4100 - Project and Process Management 3
- MET 4160 - Mechatronics Capstone Project 3

Total Hours 21

Concentration Guided Electives

Select three (3) courses from the list below

- MET 1100 - Electrical Components 3
- MET 1200 - Mechanical Components and Electrical Drives 3
- MET 1300 - Electro Pneumatic and Hydraulic Control Circuits 3
- MET 1500 - Digital Fundamentals and Programmable Logic Controllers 3
- MET 2300 - Automation Systems 3
- MET 2500 - Mechanics and Machine Elements 3

Note: Additional electives can be offered by the major advisor provided those electives are ENGT or MET courses applicable to the Mechatronics concentration.

Total Hours 9

Total Hours 33

Total Program Hours 120-121

Engineering Technology (A.A.S.)

Austin Peay Center at Fort Campbell

Phone: 931-221-1470

Email: tamayom@apsu.edu

Description of Major

Engineering Technology is a multi-discipline major with industry specific concentrations in Electronics (AAS, ETAC of ABET accredited), Electrical (BS; ETAC of ABET Accredited), Manufacturing (BS; ETAC of ABET accredited), Mechanical (BS; ETAC of ABET accredited), and Mechatronics (BS). Each concentration has been designed to meet the needs of regional, and national industry relative to the specific concentration.

Program CIP Code

09.15.0000.00

Concentrations

- Electronics Engineering Technology Concentration A.A.S

Electronics Engineering Technology Concentration A.A.S

Program CIP Code

09.15.0000.00

General Education Core for A.A.S.

- UNIV 1000 - University Success 1
- COMM 2045 - Public Speaking 3
- ENGL 1010 - English Composition I 3
- MATH 1530 - Elements of Statistics 3
- PHYS 1010 - Concepts: Motion, Heat, and Sound 3
and
- PHYS 1011 - Concepts Lab: Motion, Heat, and Sound 1
or
PHYS 2010 - College Physics I 3
and
PHYS 2011 - College Physics I Lab 1
- Humanities - one (1) course from University Core list 3
- Social Sciences - one (1) course from University Core list 3

Total Hours 20

Major Core Requirements

Lower Division Courses

- ENGT 1000 - Introduction to Engineering and Engineering Technology 3
- ENGT 1020 - Computer Aided Drafting and Design 3
- ENGT 1200 - Applied Mathematics for Engineering Technology 3
or
MATH 1730 - Precalculus 4

Total Hours 9-10

Concentration Requirements

Lower Division Courses

- ENGT 1400 - Applied Calculus for Engineering Technology 3
- ENGT 2000 - Manufacturing Processes 3
- ENGT 2010 - DC Circuits and Applications 3
- ENGT 2020 - Robotics Fundamentals 3
- ENGT 2030 - AC Circuits and Applications 3

- ENGT 2200 - Electronics Fundamentals I 3
- ENGT 2220 - Digital Design I 3
- ENGT 2240 - Electronics Fundamentals II 3
- ENGT 2250 - Digital Design II 3
- ENGT 2260 - Microcontrollers 3
- PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World 3
and
- PHYS 1021 - Concepts Lab: Electromagnetism, Light and the Quantum World 1
or
PHYS 2020 - College Physics II 3
and
PHYS 2021 - College Physics II Lab 1

Total Hours 34

Total Program Hours 63-64

Engineering Technology Minor

The Engineering Technology minor is intended for students who have an interest in the practical side of engineering and technology. The minor includes the major's introductory course, a selection of courses from the major core focusing on design software and on automated technology in industry, and two courses chosen from the upper level courses for the major. This totals 18 credit hours, including 6 credit hours at the 3000-4000 level. Students may select courses that do not require mathematics beyond the level of algebra in the basic university core. This minor would complement degrees in business, technical writing, geosciences, computer science, and other fields that lead to careers with a focus on engineering, technology, and engineered products.

Minor Requirements

- ENGT 1000 - Introduction to Engineering and Engineering Technology 3
- OR
- ENGT 3820 - Technology and Society 3
- Complete three courses from:**
- ENGT 1020 - Computer Aided Drafting and Design 3
- ENGT 2000 - Manufacturing Processes 3
- ENGT 2020 - Robotics Fundamentals 3
- ENGT 2730 - Introduction to Solid Modeling 3

Total Hours 12

Minor Guided Electives

Complete six hours from ENGT 3000-4999

Total Hours 6

Total Hours 18

Department of Mathematics and Statistics

Location: Maynard, 205

Phone: 931-221-7833

Website: <http://www.apsu.edu/mathematics/>

Programs:

Bachelor of Science

- Mathematics (B.S.)

Concentration

- Actuarial Science Concentration
- Data Science Concentration
- Mathematics Education Concentration
- Mathematics Major
- Statistics Concentration

Minors (non-degree)

- Actuarial Science Minor
- Applied Statistics Minor
- Mathematics Minor

Mathematics (B.S.)

Department of Mathematics and Statistics

Location: Maynard Mathematics and Computer Science Building, Room 205

Phone: 931-221-7833

Website: www.apsu.edu/mathematics/

The friendly faculty and staff in the Department of Mathematics are dedicated to providing a quality education in mathematics. Mathematics provides elegant and effective tools for solving problems in virtually every area of human endeavor, and is especially appealing to students who like to solve problems. The study of mathematics will enhance your critical thinking skills and provide you with an excellent background for careers in almost any field, including science, engineering, education, law, and medicine.

Some University Programs have additional requirements and information included in the Program Handbook. Program Handbooks, which are incorporated into herein by reference, are available by selecting the following link: [Secondary Education](#).

Mission Statement:

The Department of Mathematics and Statistics is committed to delivering excellent instruction in a student-centered environment to promote life-long learning and a deep understanding of theoretical and applied mathematics. Our goal is to provide students with a foundational knowledge that prepares them for a wide range of mathematics-based careers or graduate programs.

Vision Statement:

We will develop our students' abstract and logical thinking, oral and written communication skills, and ability to apply quantitative techniques to solve real world problems. This goal will be achieved through transformative experiences inside and outside of the classroom.

Program CIP Code

19.27.0101.00

Concentrations

- Actuarial Science Concentration
- Data Science Concentration
- Mathematics Education Concentration
- Mathematics Major
- Statistics Concentration

Actuarial Science Concentration

Actuaries use mathematics, probability, statistics, and financial theory to assess financial risk and uncertainty. The concentration in actuarial science prepares students for entry-level positions in actuarial science, as well as other areas. Prior to graduation, students typically complete courses for at least three actuarial exams and all the Validation by Educational Experience (VEE) credits for either of the two actuarial societies (SOA or CAS). The concentration also prepares students for entry into masters and Ph.D. programs in actuarial science, mathematics, mathematical finance, engineering, statistics, and other related disciplines. Actuarial science frequently ranks very highly on best careers lists, and the job outlook for actuaries is excellent.

Program CIP Code

19.27.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- MATH 1910 - Calculus I 4

Major Core Requirements

Lower Division Courses

- MATH 1920 - Calculus II 4
- MATH 2110 - Calculus III 4

Total Hours 8

Upper Division Courses

- MATH 3010 - Introduction to Mathematical Reasoning 3
- MATH 3450 - Linear Algebra 3
- MATH 4240 - Introduction to Probability 3
or STAT 4240 - Introduction to Probability
- MATH 4450 - Introduction to Mathematical Modeling 3
- MATH 4810 - Senior Seminar 1
or STAT 4810 - Senior Seminar 1

Total Hours 13

Concentration Requirements

Lower Division Courses

- ACCT 2010 - Principles of Accounting I 3
- ACCT 201L - Principles of Accounting I Lab 0
- ECON 2100 - Principles of Macroeconomics 3
- ECON 2200 - Principles of Microeconomics 3

Total Hours 9

Upper Division Courses

- MATH 4130 - Introduction to Financial Mathematics 3
- MATH 4190 - Fundamentals of Actuarial Mathematics 3
- STAT 3250 - Statistical Methods 3
- STAT 4120 - Introduction to Regression Analysis 3
- STAT 4140 - Introduction to Time Series Analysis 3
- STAT 4250 - Introduction to Mathematical Statistics 3
- FIN 3010 - Principles of Finance 3

Total Hours 21

Concentration Guided Electives

Complete 9 credit hour from MATH 4000-4999 or STAT 4000-4999

Total Hours 9

Additional Concentration Requirements

Complete one from:

- MATH 4321 - Introduction to Data Analysis and Programming 3
- CSCI 2000 - Programming for STEM 4
- CSCI 1010 - Introduction to Programming I 3 / CSCI 1011 - Introduction to Programming I Lab

Total Hours 3-4

Free Electives

Total Hours 10 - 11

Total Program Hours 120

Data Science Concentration

The Department of Mathematics & Statistics at APSU offers a B.S. in Mathematics: Data Science concentration to train students who can promptly obtain positions in data-driven industries. There is a significant demand for data science professionals in many industries including technology, banking, public health, climate, and others. This program provides students with the statistical, mathematical, and programming skills needed to tackle real-world professional challenges and to become Data analysts, Quantitative analysts, Decision scientists, and Researchers.

Program CIP Code

19.27.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- MATH 1910 - Calculus I 4

Major Core Requirements

Lower Division Courses

- MATH 1920 - Calculus II 4
- MATH 2110 - Calculus III 4

Total Hours 8

Upper Division Courses

- MATH 3010 - Introduction to Mathematical Reasoning 3
- MATH 3450 - Linear Algebra 3
- MATH 4240 - Introduction to Probability 3
or STAT 4240 - Introduction to Probability
- MATH 4450 - Introduction to Mathematical Modeling 3
- MATH 4810 - Senior Seminar 1
or STAT 4810 - Senior Seminar

Total Hours 13

Concentration Requirements

- MATH 4310 - Machine Learning I 3
- MATH 4320 - Machine Learning II 3
- STAT 4170 - Data Visualization and Exploration 3
- MATH 4321 - Introduction to Data Analysis and Programming 3

Total Hours 12

Concentration Guided Electives

Choose at least 3 courses (9 - 10 credit hours) from:

- MATH 3000 - Discrete Mathematics 3
 - STAT 3250 - Statistical Methods 3
 - STAT 4120 - Introduction to Regression Analysis 3
 - STAT 4140 - Introduction to Time Series Analysis 3
 - STAT 4200 - Introduction to SAS Programming 3
 - STAT 4290 - Introduction to Predictive Analytics 3
- Choose one from
- CSCI 1010 - Introduction to Programming I 3
 - CSCI 1011 - Introduction to Programming I Lab 1
- or
- CSCI 2000 - Programming for STEM 4

Total Hours 9 - 10

Free Electives

34-35

Total Program Hours 120

Mathematics Education Concentration

This program provides students with a major in mathematics, concentrated in the teaching and learning of mathematics. This concentration prepares students for a variety of possibilities in mathematics, while also preparing them to teach mathematics in Grades 6-12.

Program CIP Code

19.27.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- MATH 1910 - Calculus I 4

Major Core Requirements

Lower Division Courses

- MATH 1920 - Calculus II 4
- MATH 2110 - Calculus III 4

Total Hours 8

Upper Division Courses

- MATH 3010 - Introduction to Mathematical Reasoning 3
- MATH 3450 - Linear Algebra 3
- MATH 4450 - Introduction to Mathematical Modeling 3
- **Complete one course from:**
- MATH 4240 - Introduction to Probability 3
- STAT 4240 - Introduction to Probability 3
- **Complete one course from:**
- MATH 4810 - Senior Seminar 1
- STAT 4810 - Senior Seminar 1

Total Hours 13

Concentration Requirements

Lower Division Courses

- MATH 1310 - Explorations in Mathematics Education 1

Total Hours 1

Upper Division Courses

- MATH 3000 - Discrete Mathematics 3
- MATH 3140 - Connections in Secondary Mathematics 3
- MATH 4020 - Geometry for Teachers 3
- MATH 4110 - Introduction to Number Theory 3
- MATH 4200 - Mathematics Content and Pedagogy for Middle School 3
- MATH 4400 - The Teaching of Secondary School Mathematics 3

Complete one from:

- MATH 4321 - Introduction to Data Analysis and Programming 3
OR
- CSCI 1010 - Introduction to Programming I 3
- CSCI 1011 - Introduction to Programming I Lab 1
OR
- CSCI 2000 - Programming for STEM 4

*CSCI and Math 4321 will substitute for EDUC 3040 in the minor

Total Hours 21-22

Minor

Students must declare the Professional Education for Secondary and K-12 minor (23 credit hours). As students sub CSCI or Math 4321 for one of the Professional Education Minor courses, thus the total number of hours is 20.

Total Hours 23

Student Teaching

Total Hours 12

Total Program Hours 121 - 122

Mathematics Major

Department of Mathematics and Statistics Location: Maynard Mathematics and Computer Science Building, Room 205 Phone: 931-221-7833 Website: www.apsu.edu/mathematics/ The friendly faculty and staff in the Department of Mathematics are dedicated to providing a quality education in mathematics. Mathematics provides elegant and effective tools for solving problems in virtually every area of human endeavor, and is especially appealing to students who like to solve problems. The study of mathematics will enhance your critical thinking skills and provide you with an excellent background for careers in almost any field, including science, engineering, education, law, and medicine.

Program CIP Code

19.27.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- MATH 1910 - Calculus I 4

Major Core Requirements

Lower Division Courses

- MATH 1920 - Calculus II 4
- MATH 2110 - Calculus III 4

Total Hours 8

Upper Division Courses

- MATH 3010 - Introduction to Mathematical Reasoning 3
- MATH 3450 - Linear Algebra 3
- MATH 4450 - Introduction to Mathematical Modeling 3
- MATH 4240 - Introduction to Probability 3
- or
- STAT 4240 Introduction to Probability
- MATH 4810 - Senior Seminar 1

or

- STAT 4810 - Senior Seminar 1

Total Hours 13

Mathematics Major

Required Courses For Major

- MATH 3120 - Differential Equations I 3
Complete one from:
- MATH 4321 - Introduction to Data Analysis and Programming 3
or
- CSCI 1010 - Introduction to Programming I 3
- CSCI 1011 - Introduction to Programming I Lab 1
or
- CSCI 2000 - Programming for STEM 4

Total Hours 6 - 7

Major Guided Electives

Complete one option from:

Option I

- MATH 4110 - Introduction to Number Theory 3
- MATH 4500 - Introduction to Modern Algebra 3
- MATH 4710 - Introduction to Real Analysis 3
Complete nine credit hours from:
- MATH 3000-4999
- STAT 3000-4999

Option II

- MATH 3130 - Differential Equations II 3
- MATH 4670 - Introduction to Numerical Analysis 3
- STAT 3250 - Statistical Methods 3
Complete 9 credit hours from the below courses:
- MATH 3000-4999
- STAT 3000-4999
- BIOL 4100 - Biostatistics 3
- CHEM 3210 - Quantitative Analysis 3
- CSCI 3250 - Data Structure and Algorithms 3
- CSCI 4270 - Algorithm Design and Analysis 3
- ENGR 3003 - Advanced Engineering Mathematics I 2

- ENGR 3004 - Advanced Engineering Mathematics II 2
- GEOG 3150 - Geographic Information Systems I 3
- GEOL 3060 - Statistics in the Geosciences 3
- PHYS 3800 - Quantum Mechanics I 3
- PHYS 4000 - Computational Physics 3

Total Hours 18

Free Electives

Total Hours 31 - 32

Total Program Hours 120

Statistics Concentration

The concentration in statistics prepares students for entry-level positions in a variety of areas that require logical and analytical skills, especially those with a data science focus. This concentration also prepares students for entry into master's and Ph.D. programs in mathematics, engineering, statistics, and other related disciplines. The Department of Mathematics and Statistics has a solid track record for preparing students for graduate study in statistics, and the career outlook for statisticians is very favorable.

Program CIP Code

19.27.0101.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- MATH 1910 - Calculus I 4

Major Core Requirements

Lower Division Courses

- MATH 1920 - Calculus II 4
- MATH 2110 - Calculus III 4

Total Hours 8

Upper Division Courses

- MATH 3010 - Introduction to Mathematical Reasoning 3
- MATH 3450 - Linear Algebra 3
- MATH 4240 - Introduction to Probability 3
or STAT 4240 - Introduction to Probability 3
- MATH 4450 - Introduction to Mathematical Modeling 3
- MATH 4810 - Senior Seminar 1
or STAT 4810 - Senior Seminar 1

Total Hours 13

Concentration Requirements

- STAT 3250 - Statistical Methods 3
- STAT 4120 - Introduction to Regression Analysis 3
- STAT 4130 - Introduction to Experimental Design 3
- STAT 4250 - Introduction to Mathematical Statistics 3

Complete one from:

- MATH 4321 - Introduction to Data Analysis and Programming 3
or
CSCI 2000 - Programming for STEM
or
CSCI 1010 - Introduction to Programming I / CSCI 1011 - Introduction to Programming I Lab

Total Hours 15 - 16

Concentration Guided Electives

Select at least two (2) courses from the list below in consultation with an advisor from:

MATH 3000 - 4999
STAT 3000 - 4999

Total Hours 6

Free Electives

Total Hours 34-35

Total Program Hours 120

Actuarial Science Minor

Location: Maynard Mathematics and Computer Science Building, Room 205

Phone: 931-221-7833

Website: www.apsu.edu/mathematics/

A minor in Actuarial Science is for the students who do not have time to complete all the required course work in Actuarial Science Concentration. This minor will allow students to take several rigorous courses in Actuarial Science concentration and get the recognition. The minor consists of 18 credit hours and for students who are graduating with major in computer science, business, physics, mathematics or engineering.

Minor Requirements

- MATH 1810 - Elements of Calculus 3
or
MATH 1910 - Calculus I 4
- MATH 4130 - Introduction to Financial Mathematics 3
- MATH 4190 - Fundamentals of Actuarial Mathematics 3
- MATH 4240 - Introduction to Probability 3
- STAT 3250 - Statistical Methods 3

Total Hours 15-16

Minor Guided Electives

Select one (1) course from the list below

- MATH 4000-4999
- STAT 4000-4999

Total Hours 3

Total Minor Hours 18-19

Applied Statistics Minor

Department of Mathematics and Statistics

Location: Maynard Mathematics and Computer Science Building, Room 205

Phone: 931-221-7833

Website: www.apsu.edu/mathematics/

Collection, analysis, interpretation, and presentation of data are indispensable skills across modern industries. The applied statistics minor provides these through a foundation in statistical modeling and inference, and provides valuable tools to complement any college major. The minor prepares students for graduate studies in statistics, data science, or other applied fields where data analysis plays an important role.

Minor Required Courses

Lower Division Courses

Complete one course from:

- MATH 1810 - Elements of Calculus 3
- MATH 1910 - Calculus I 4

Total Hours 3-4

Upper Division Courses

- STAT 3250 - Statistical Methods 3
- STAT 4120 - Introduction to Regression Analysis 3
- STAT 4130 - Introduction to Experimental Design 3

Total Hours 9

Minor Guided Electives

Select at least two (2) courses from the list below

- BIOL 3000 - Biological Methods 3
- BIOL 4100 - Biostatistics 3
- CHEM 3210 - Quantitative Analysis 3
- EDUC 4270 - Classroom Evaluation and Assessment 3
- ENGT 3650 - Statistical Quality Control 3
- GEOG 3060 - Statistics in the Geosciences 3
or GEOL 3060 - Statistics in the Geosciences 4
- MKT 4450 - Marketing Research 3
- POLS 3760 - Methods of Research 3

- PSYC 3290 - Introduction to Psychological Measurement 3
 - SOC 3770 - Analysis and Assessment 3
 - SW 3770 - Research Methods 3
- STAT 3000-4999

Total Hours 6-8

Total Hours 18-20

Data Science Minor

Department of Mathematics and Statistics

Location: Maynard Mathematics and Computer Science Building, Room 205

Phone: 931-221-7833

Website: www.apsu.edu/mathematics/

A minor in Data Science is for the students who do not have time to complete all the required course work in Data Science Concentration. It provides students with the opportunity to gain knowledge, understanding, and proficiency in data science. It comprises 18 credit hours of courses designed to enhance the knowledge of students majoring in computer science, business, physics, mathematics, statistics, engineering, psychology, geology, geography, earth sciences, and biology.

Required Courses

- MATH 4310 - Machine Learning I 3
 - MATH 4320 - Machine Learning II 3
 - MATH 4321 - Introduction to Data Analysis and Programming 3
 - STAT 4170 - Data Visualization and Exploration 3
- Complete one course from:**
- MATH 1810 - Elements of Calculus 3
 - MATH 1910 - Calculus I 4

Total Hours 15-16

Minor Guided Electives

- Complete one course from:**
- MATH 3000 - Discrete Mathematics 3
 - MATH 3450 - Linear Algebra 3
 - MATH 4240 - Introduction to Probability 3
 - STAT 4120 - Introduction to Regression Analysis 3

Total Hours 3

Total Minor Hours 18-19

Mathematics Minor

Department of Mathematics and Statistics

Location: Maynard Mathematics and Computer Science Building

Room 205

Phone: 931-221-7833

Website: www.apsu.edu/mathematics/

The Mathematics Minor is intended for students who would like to enhance their quantitative skills and analytical ability. It is the perfect addition for students who are graduating with a major in computer science, physics, business, and engineering. The minor requires 18 - 20 credit hours including 6 upper-division credit hours.

Minor Requirements

- MATH 1910 - Calculus I 4
- MATH 1920 - Calculus II 4

Total Hours 8

Minor Guided Electives

Complete 10 - 12 hours from:

- MATH 1200 - Introduction to Actuarial Science 1
- MATH 1234 - Honors Seminar in Mathematics 1
- MATH 1310 - Explorations in Mathematics Education 1
- MATH 2110 - Calculus III 4
- MATH 3000-4999
- STAT 3000-4999

Total Hours 10 - 12

Total Program Hours 18 - 20

Department of Physics, Engineering and Astronomy

The Department of Physics, Engineering, & Astronomy offers three programs: the Physics B.S., the Astrophysics Concentration of the Physics B.S, and the Engineering Physics B.S.E.

The Physics B.S. is a versatile degree focused on techniques for solving complex technical problems. It includes 18 credit hours of electives from a variety of disciplines to give students ultimate flexibility in designing their own degree. The Astrophysics Concentration shares the Physics B.S. core, but instead includes 18 credit hours of astronomy and astrophysics coursework for students interested in careers in the space sciences. The Engineering Physics B.S.E. is a design-focused program for students who wish to pursue engineering-related careers.

Programs:

Bachelor of Science

- Physics (B.S.)
- Engineering Physics (B.S.)

Concentration

- Astrophysics Concentration
- Engineering Physics Major
- Physics Major

Minors (non-degree)

- Astronomy Minor
- Physics Minor

Physics (B.S.)

College of Science, Technology, Engineering, & Mathematics

Department of Physics, Engineering, & Astronomy

Location: Sundquist Science Complex, B332

Phone: (931) 221-6116

Website: www.apsu.edu/physics

The APSU Physics B.S. degree is versatile enough to provide superior preparation for graduate study or a career in a wide variety of physics-related disciplines, from Astrophysics to Engineering to Medical Physics. The program is built around a core of courses that teach you to different "methods" for solving complex problems (experimental, theoretical, and computational) along with a set of physics content courses (mechanics, electricity & magnetism, and quantum mechanics). Its large selection of major electives (18 credit hours) allow the student to tailor the major to exactly the career path in which they are interested. A minor is not required, though a mathematics minor is suggested (3 additional hours in mathematics at the 3000 or higher level required for a mathematics minor). All upper-level physics courses (3000 or higher) require prerequisites to be passed with a grade of C or better for registration.

Program CIP Code

25.40.0801.00

Programs

- Physics Major
- Astrophysics Concentration

Astrophysics Concentration

Department of Physics, Engineering, & Astronomy

Location: Sundquist Science Complex, B332

Phone: (931) 221-6116

Website: www.apsu.edu/astronomy

The Astrophysics Concentration of the Physics B.S. is designed for students who wish to pursue careers or graduate study in Astronomy or Astrophysics. It shares the Physics B.S. major core of courses that teach you to different "methods" for solving complex problems (experimental, theoretical, and computational) along with a set of physics content courses (mechanics, electricity & magnetism, and quantum mechanics), but replaces 18 hours of major guided electives with defined coursework in astronomy and astrophysics. A minor is not required, though a mathematics minor is suggested (3 additional hours in mathematics at the 3000 or higher level required for a mathematics minor).

Program CIP Code

25.40.0801.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements that Satisfy General Education Core

- ASTR 1010 - Planetary Astronomy 3
- ASTR 1011 - Planetary Astronomy Lab 1
- ASTR 1020 - Stellar Astronomy 3
- ASTR 1021 - Stellar Astronomy Lab 1

Major Core Requirements

Lower Division Courses

- MATH 1910 - Calculus I 4
 - MATH 1920 - Calculus II 4
 - MATH 2110 - Calculus III 4
 - PHYS 2110 - University Physics I 3 / PHYS 2011 1 (lab)
 - PHYS 2120 - University Physics II 3 / PHYS 2121 1 (lab)
- Complete one from:**
- CSCI 2000 - Programming for STEM 4
 - or
 - CSCI 1010 - Introduction to Programming I 3

- CSCI 1011 - Introduction to Programming I Lab 1
- CSCI 2010 - Introduction to Programming II 3
- CSCI 2011 - Introduction to Programming II Lab 1

Total Hours 24-28

Upper Division Courses

- MATH 3120 - Differential Equations I 3
- PHYS 2050 - Seminar I 1
- PHYS 3000 - Introduction to Modern Physics 3
- ENGR 3003 - Advanced Engineering Mathematics I 2
- ENGR 3004 - Advanced Engineering Mathematics II 2
- ENGR 3005 - Advanced Engineering Mathematics III 2
- PHYS 3040 - Experimental Methods 2 / PHYS 3041 2 (lab)
- PHYS 3150 - Seminar II 1
- PHYS 3250 - Topics in Relativity 1
- PHYS 3610 - Classical Mechanics I 3
- PHYS 3630 - Electricity and Magnetism I 3
- PHYS 3701 - Advanced Lab 2
- PHYS 3800 - Quantum Mechanics I 3
- PHYS 4000 - Computational Physics 3 / PHYS 4001 1 (lab)
- PHYS 4050 - Seminar III 1
- PHYS 4990 - Capstone 1

Total Hours 36

Total Hours 60

Concentration Requirements

Upper Division Courses

- ASTR 3030 - Observational Methods 2 / ASTR 3030 2 (lab)
- ASTR 4010 - Astrophysics I: Introduction to Stellar Structure and Evolution 3
- ASTR 4020 - Astrophysics II: Galactic Structure and Cosmology 3

Total Hours 10

Free Electives

Total Hours 7-11

Total Program Hours 120

Physics Major

Department of Physics, Engineering, & Astronomy

Location: Sundquist Science Complex, B332

Phone: (931) 221-6116

Website: www.apsu.edu/physics

Physics is the study of the underlying properties of nature from the absolutely mind-bogglingly huge, like galactic superclusters, to the unimaginably small, like the fundamental constituents of matter. It is the foundation of every other science and is responsible for some of the greatest discoveries and inventions of our time, such as lasers, solar cells, and hybrid cars. The program is built around a core of courses that teach you to different "methods" for solving complex problems (experimental, theoretical, and computational) along with a set of physics content courses (mechanics, electricity & magnetism, and quantum mechanics). The program also includes 18 credit hours of electives that can be chosen from an expansive list that includes many courses from other science and engineering disciplines. This gives you options. Graduate school in physics? Take more physics classes. Computational science? Take computer science classes. Biomaterials researcher? Take biology and chemistry classes. They all count toward your degree. A minor is not required, though a mathematics minor is suggested (3 additional hours in mathematics at the 3000 or higher level required for a mathematics minor). All upper-level physics courses (3000 or higher) require prerequisites to be passed with a grade of C or better for registration.

Program CIP Code

25.40.0801.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- MATH 1910 - Calculus I 4
- PHYS 2110 - University Physics I 3
- PHYS 2111 - University Physics I Lab 1
- PHYS 2120 - University Physics II 3
- PHYS 2121 - University Physics II Lab 1

Major Core Requirements

Lower Division Courses

- MATH 1920 - Calculus II 4
- MATH 2110 - Calculus III 4
- **Complete one from:**
- CSCI 2000 - Programming for STEM 4

or

- CSCI 1010 - Introduction to Programming I 3
- CSCI 1011 - Introduction to Programming I Lab 1
- CSCI 2010 - Introduction to Programming II 3
- CSCI 2011 - Introduction to Programming II Lab 1

Total Hours 12-16

Upper Division Courses

- MATH 3120 - Differential Equations I 3
- ENGR 3003 - Advanced Engineering Mathematics I 2
- ENGR 3004 - Advanced Engineering Mathematics II 2
- ENGR 3005 - Advanced Engineering Mathematics III 2
- PHYS 2050 - Seminar I 1
- PHYS 3000 - Introduction to Modern Physics 3
- PHYS 3040 - Experimental Methods 2 / PHYS 3041 2 (lab)
- PHYS 3150 - Seminar II 1
- PHYS 3250 - Topics in Relativity 1
- PHYS 3610 - Classical Mechanics I 3
- PHYS 3630 - Electricity and Magnetism I 3
- PHYS 3701 - Advanced Lab 2
- PHYS 3800 - Quantum Mechanics I 3
- PHYS 4000 - Computational Physics 3 / PHYS 4001 1 (lab)
- PHYS 4050 - Seminar III 1
- PHYS 4990 - Capstone 1

Total Hours 36

Major Guided Electives

College of STEM Electives

Select eight (8) additional hours from the courses below:

- ASTR 1010 - Planetary Astronomy 3 / ASTR 1011 1 (lab)
- ASTR 1020 - Stellar Astronomy 3 / ASTR 1021 1 (lab)
- BIOL 1110 - General Biology I 3 / BIOL 1111 1 (lab)
- BIOL 1120 - General Biology II 3 / BIOL 1121 1 (lab)
- CHEM 1110 - General Chemistry I 3 / CHEM 1111 1 (lab)
- CHEM 1120 - General Chemistry II 3 / CHEM 1121 1 (lab)
- ENGT 1020 - Computer Aided Drafting and Design 3
- GEOL 1040 - Physical Geology 3 / GEOL 1041 1 (lab)
- or other ASTR, BIOL, CHEM, ENGT, GEOL, MATH, PHYS, or STAT classes 2000 level or higher

Total Hours 8

Upper Division Electives

Select ten (10) credit hours from the courses below:

- ASTR 3030 - Observational Methods **2** / ASTR 3031 **1** (lab)
- ASTR 4010 - Astrophysics I: Introduction to Stellar Structure and Evolution **3**
- ASTR 4020 - Astrophysics II: Galactic Structure and Cosmology **3**
- ASTR 4150 - Special Topics in Astronomy **1 to 3**
- ASTR 4151 - Research in Astronomy **1 to 3**
- ASTR 4950 - Independent Study in Astronomy **1 to 3**
- BIOL 4440 - Cell and Molecular Biology **3** / BIOL 4441 **1** (lab)
- CHEM 3510 - Organic Chemistry I **3** / CHEM 3511 **1** (lab)
- CHEM 3520 - Organic Chemistry II **3** / CHEM 3521 **1** (lab)
- CHEM 4310 - Biochemistry I **3** / CHEM 4311 **1** (lab)
- CSCI 3250 - Data Structure and Algorithms **3**
- CSCI 3400 - Computer Organization I **3**
- CSCI 3410 - Computer Organization II **3**
- CSCI 4560 - Robotics I **3**
- CSCI 4561 - Robotics II **3**
- CSCI 4570 - High Performance and Parallel Computing **3**
- ENGR 3020 - Engineering Thermodynamics **3**
- ENGR 3050 - DC and AC Circuits **3** / ENGR 3051 **1** (lab)
- ENGR 3060 - Electronics **3** / ENGR 3061 **1** (lab)
- ENGR 3101 - Advanced Engineering Lab **1**
- ENGR 3600 - Materials Science **3**
- ENGR 3650 - Fluid Mechanics **3**
- ENGR 3700 - Mechanics of Materials **3**
- ENGR 4100 - Engineering Internship **1 to 6**
- ENGR 4110 - Cooperative Educational Experience in Engineering **1**
- ENGR 4150 - Special Topics in Engineering **1 to 3**
- ENGR 4151 - Research in Engineering **1 to 3**
- ENGR 4300 - Signal Processing **3**
- ENGR 4510 - Engineering Design I **3**
- ENGR 4520 - Engineering Design II **3**
- ENGR 4950 - Independent Study in Engineering **1 to 3**
- MATH 3130 - Differential Equations II **3**
- MATH 3450 - Linear Algebra **3**
- MATH 4160 - Introduction to Complex Analysis **3**
- MATH 4310 - Machine Learning I **3**
- MATH 4320 - Machine Learning II **3**
- MATH 4670 - Introduction to Numerical Analysis **3**
- MATH 4710 - Introduction to Real Analysis **3**
- PHYS 3100 - Optics **3** / PHYS 3101 **1** (lab)
- PHYS 3900 - Nuclear and Radiation Physics **3** / PHYS 3901 **1** (lab)
- PHYS 4100 - Physics Internship **1 to 6**
- PHYS 4110 - Cooperative Educational Experience in Physics **1**
- PHYS 4150 - Special Topics in Physics **1 to 3**
- PHYS 4151 - Research in Physics **1 to 3**

- PHYS 4200 - Introduction to Solid State Physics 3 /PHYS 4201 1
- PHYS 4810 - Classical Mechanics II 3
- PHYS 4830 - Electricity and Magnetism II 3
- PHYS 4840 - Statistical Mechanics 3
- PHYS 4850 - Quantum Mechanics II 3
- PHYS 4950 - Independent Study in Physics 1 to 3
- STAT 3250 - Statistical Methods 3
- STAT 4120 - Introduction to Regression Analysis 3
- STAT 4290 - Introduction to Predictive Analytics 3
- or other upper-level (3000 or higher) classes from the College of Science, Technology, Engineering, and Mathematics with approval of the Chair of Physics, Engineering, and Astronomy

Total Hours 10

Free Electives

Total Hours 7 - 11

Total Program Hours 120

Engineering Physics (B.S.E.)

Department of Physics, Engineering, & Astronomy

Location: Sundquist Science Complex, B332

Phone: (931) 221-6116

Website: www.apsu.edu/engineering

Engineering Physics is the interdisciplinary study of physics, mathematics, and engineering with a particular emphasis on developing advanced techniques to solve complex, real-world problems. APSU's Engineering Physics major is accredited by the Engineering Accreditation Commission of ABET. The engineering physics curriculum includes an emphasis on engineering design, while also including more advanced physics than a typical engineering degree. Engineering physicists are well suited to applying new technologies to problems in engineering design and manufacturing where traditional engineering approaches may be inadequate. Engineering physicists typically work in high-tech industrial and manufacturing settings on teams with engineers and engineering technologists to solve real-world design and implementation problems. A minor is not required, though a mathematics minor is suggested (3 additional hours in mathematics at the 3000 or higher level required for a mathematics minor). All upper-level engineering courses (3000 or higher) require prerequisites to be passed with a grade of C or better for registration.

Program CIP Code

09.14.1201.00

Majors

Engineering Physics Major

Engineering Physics Major

Department of Physics, Engineering, & Astronomy

Location: Sundquist Science Complex, B332

Phone: (931) 221-6116

Website: www.apsu.edu/engineering

Engineering Physics is the interdisciplinary study of physics, mathematics, and engineering with a particular emphasis on developing advanced techniques to solve complex, real-world problems. The engineering physics curriculum includes an emphasis on engineering design, while also including more advanced physics than a typical engineering degree. Engineering physicists are well suited to applying new technologies to problems in engineering design and manufacturing where traditional engineering approaches may be inadequate. Engineering physicists typically work in high-tech industrial and manufacturing settings on teams with engineers and engineering technologists to solve real-world design and implementation problems. A minor is not required, though a mathematics minor is suggested (3 additional hours in mathematics at the 3000 or higher level required for a mathematics minor). All upper-level engineering courses (3000 or higher) require prerequisites to be passed with a grade of C or better for registration.

Program CIP Code

09.14.1201.00

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- ECON 2100 - Principles of Macroeconomics 3
- MATH 1910 - Calculus I 4
- PHYS 2110 - University Physics I 3
- PHYS 2111 - University Physics I Lab 1
- PHYS 2120 - University Physics II 3
- PHYS 2121 - University Physics II Lab 1

Major Core Requirements

Lower Division Courses

- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- ENGR 1000 - Introduction to Engineering 2
- ENGR 2110 - Statics 3
- ENGR 2120 - Dynamics 3

- MATH 1920 - Calculus II 4
- MATH 2110 - Calculus III 4
- **Complete one from:**
- CSCI 2000 - Programming for STEM 4
- OR
- CSCI 1010 - Introduction to Programming I 3
- CSCI 1011 - Introduction to Programming I Lab 1
- CSCI 2010 - Introduction to Programming II 3
- CSCI 2011 - Introduction to Programming II Lab 1

Total Hours 24-28

Upper Division Courses

- ENGR 3003 - Advanced Engineering Mathematics I 2
- ENGR 3004 - Advanced Engineering Mathematics II 2
- ENGR 3005 - Advanced Engineering Mathematics III 2
- ENGR 3020 - Engineering Thermodynamics 3
- ENGR 3040 - Experimental Methods 2
- ENGR 3041 - Experimental Methods Lab 2
- ENGR 3050 - DC and AC Circuits 3
- ENGR 3051 - DC and AC Circuits Lab 1
- ENGR 3101 - Advanced Engineering Lab 1
- ENGR 3600 - Materials Science 3
- ENGR 3650 - Fluid Mechanics 3
- ENGR 3700 - Mechanics of Materials 3
- ENGR 4000 - Computational Engineering 3
- ENGR 4001 - Computational Engineering Lab 1
- ENGR 4510 - Engineering Design I 3
- ENGR 4520 - Engineering Design II 3
- MATH 3120 - Differential Equations I 3
- PHYS 3000 - Introduction to Modern Physics 3
- PHYS 3630 - Electricity and Magnetism I 3

Total Hours 46

Major Guided Electives

Select seven (7) credit hours from the list below, at least three (3) must be ENGR or CSCI:

- CSCI 4570 - High Performance and Parallel Computing 3
- ENGR 3060 - Electronics 3
- ENGR 3061 - Electronics Lab 1
- ENGR 4100 - Engineering Internship 1 to 6
- ENGR 4110 - Cooperative Educational Experience in Engineering 1
- ENGR 4150 - Special Topics in Engineering 1 to 3
- ENGR 4151 - Research in Engineering 1 to 3
- ENGR 4300 - Signal Processing 3

- ENGR 4950 - Independent Study in Engineering **1 to 3**
- PHYS 3100 - Optics **3**
- PHYS 3101 - Optics Lab **1**
- PHYS 3610 - Classical Mechanics I **3**
- PHYS 3701 - Advanced Lab **2**
- PHYS 3800 - Quantum Mechanics I **3**
- PHYS 3900 - Nuclear and Radiation Physics **3**
- PHYS 3901 - Nuclear and Radiation Physics Lab **1**
- PHYS 4100 - Physics Internship **1 to 6**
- PHYS 4110 - Cooperative Educational Experience in Physics **1**
- PHYS 4150 - Special Topics in Physics **1 to 3**
- PHYS 4151 - Research in Physics **1 to 3**
- PHYS 4200 - Introduction to Solid State Physics **3**
- PHYS 4201 - Introduction to Solid State Physics Lab **1**
- PHYS 4830 - Electricity and Magnetism II **3**
- PHYS 4840 - Statistical Mechanics **3**
- PHYS 4950 - Independent Study in Physics **1 to 3**
- Or other upper-level (3000 or higher) classes from the College of Science, Technology, Engineering and Mathematics with approval of the Chair of Physics, Engineering, and Astronomy

Total Hours **7**

Total Program Hours **120-124**

Astronomy Minor

Department of Physics, Engineering and Astronomy

Location: Sundquist Science Complex, B332

Phone: 931-221-6116

Website: www.apsu.edu/physics/

The Astronomy Minor is designed to appeal to students outside the sciences, but can also be paired with a physics major for students wishing to pursue astrophysics in graduate school.

Minor Requirements

- ASTR 1010 - Planetary Astronomy **3** /ASTR 1011 **1** (lab)
- ASTR 1020 - Stellar Astronomy **3** /ASTR 1021 **1** (lab)
- ASTR 3030 - Observational Methods **2** / ASTR 3031 **2** (lab)

Total Hours 12

Minor Guided Electives

Select six (6) credit hours from the list below

- ASTR 3010 - History of Astronomy **3**
- ASTR 3020 - Cosmology **3**
- ASTR 3040 - Astrobiology **3**
- ASTR 3500 - Astrophotography **1**
- ASTR 3501 - Astrophotography Lab **2**
- ASTR 4150 - Special Topics in Astronomy **1 to 3**
- ASTR 4950 - Independent Study in Astronomy **1 to 3**

Total Hours 6

Total Minor Hours 18

Physics Minor

Department of Physics and Astronomy

Building–Sundquist Science Center

Room B332

Phone (931) 221-6116

Website: www.apsu.edu/physics/physicsmajor.php

A physics minor is the perfect addition for a science major who would like to enhance their understanding of the fundamental processes of nature or for a mathematics major who would like some insight into applied topics.

Lower Division Courses

- PHYS 2110 - University Physics I **3** /PHYS 2111 **1** (lab)
- PHYS 2120 - University Physics II **3** /PHYS 2121 **1** (lab)

Total Hours 8

Upper Division Courses

Ten (10) hours of upper division physics coursework.

Total Hours 10

Total Hours 18

University College

University Studies

Programs:

Bachelor of Science

- University Studies (B.S.)

Associate of Applied Science

- Professional Services (A.A.S.)

Associate of Science

- University Studies (A.S.)

Certificate

- Accelerated Culinary Arts
- Peer Leadership

Concentrations

- Culinary Arts Concentration
- Health Professions Concentration
- Military Operations Concentration
- Multi-Disciplinary concentration
- Recreational Administration Concentration
- Survey of Learning
- Survey of Health Concentration
- Survey of Humanities Concentration
- Survey of Organizational Administration & Supervision Concentration
- Survey of Scientific Thought Concentration
- Survey of Social and Behavioral Sciences
- University Studies Major

University Studies (B.S.)

Location: Ellington, Room 206

Phone: 931-221-1021

Website: <https://www.apsu.edu/programs/index.php>

Description of Major

The APSU University Studies Major is designed for those who have completed an associate's degree or anyone with 60 earned college credits and who has not completed another bachelor's degree. It is a non-licensure degree option that allows flexibility for students maintaining family, military, and employment obligations and is broad-based to allow for a more individualized approach to degree completion and/or pursuit of two or more minors. The student completes one the following seven concentrations: Education (Non-Licensure), Health, Humanities, Multi-Disciplinary, Organization Administration and Supervision, Social & Behavioral Sciences, and STEM.

Program CIP Code

16.24.0101.02

Concentrations

- Military Operations
- Multi-Disciplinary concentration
- Survey of Learning
- Survey of Health Concentration
- Survey of Humanities Concentration
- Survey of Organizational Administration & Supervision Concentration
- Survey of Scientific Thought Concentration
- Survey of Social and Behavioral Sciences

Military Operations

The Military Operations concentration consists of Military Science courses and other courses that will be beneficial to future military officers. This concentration is only open to students by application that are participating in the Green to Gold program.

Program CIP Code

16.24.0101.02

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

Complete one course from:

- UNIV 4900 - University Studies Internship 3
- UNIV 4995 - University Studies Capstone 3

Total Hours 3

Concentration Requirements

- MSL 1001 - Summer Fitness Training 1
- MSL 3010 - Tactical Leadership I 3
- MSL 3020 - Tactical Leadership II 3
- MSL 3040 - Leadership Development and Assessment Course 4
- MSL 4010 - Advanced Military Skills and Knowledge I 3
- MSL 4020 - Advanced Military Skills and Knowledge II 3

Total Hours 17

Concentration Guided Electives

Complete one course from:

- HIST 4026 - European Military History 1789-1945 3
- HIST 4510 - Era of the American Revolution 1763 to 1800 3

- HIST 4530 - The Civil War Era 1845 to 1865 3
- HIST 4700 - American Military History to 1919 3
- HIST 4710 - American Military History Since 1919 3
- MSL 4050 - The U. S. Army's Role in U. S. History 3
- Complete twenty-one hours from:**
- CLAS 2000 - Introduction to Ancient Civilization 3
- CRJ 2400 - Issues in Homeland Security 3
- CRJ 4040 - Global Jihad and U. S. Homeland Security 3
- CRJ 4125 - Intelligence Analysis 3
- CRJ 4420 - International Terrorism 3
- LDSP 3030 - Organizational Team Building 3
- LDSP 3050 - Cultural Diversity in Organizations 3
- LDSP 3130 - Judgment and Decision Making
- LDSP 3150 - Leadership and Power 3
- LDSP 4400 - Strategic Leadership and Planning 3
- NSS 1010 - Introduction to National Security Studies 3
- NSS 2400 - Global vs Regional Power Conflicts 3
- NSS 3500 - Current and Emerging Threats to US Security 3
- PHIL 4015 - War and Ethics 3
- PM 3002 - Response and Recovery for Emergency Management 3
- PM 3006 - Weapons of Mass Destruction 3
- PM 3007 - Continuity of Organizational Operations 3
- POLS 3020 - American Foreign Policy 3
- POLS 3040 - U.S. Defense Policy 3
- POLS 3060 - Terrorism and Counter-Terrorism 3
- PSYC 1050 - Psychology of Modern Culture 3
- PSYC 4010 - Death, Dying and Bereavement 3
- PSYC 4380 - Introduction to Military Psychology 3
- PSYC 4444 - Cross Cultural Psychology 3
- SOC 1040 - Social Problems 3
- SOC 3050 - Race and Ethnicity in a Multicultural Society 3
- SOC 3080 - Gender and Sexualities 3
- SOC 3300 - Power, Privilege, and Global Inequality 3
- SOC 3810 - Globalization and Social Movements 3

Total Hours 24

Free Electives

Total Hours 34

Total Program Hours 120

Multi-Disciplinary concentration

The Multi-Disciplinary Concentration allows students to combine any two APSU minors. It may serve as an appropriate stepping-stone for admission into graduate school. Students may only have one minor from the College of Business for this concentration.

Program CIP Code

16.24.0101.02

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

Total Hours 3

Concentration Requirements

Required Courses

Complete 36 credit hours, including 18 upper-division credit hours, from the follow (Please note, courses counted for core cannot be counted in the concentration):

- Complete any two minors that the university offers (only one may be from the College of Business)

Total Hours 36

Free Electives

Total Hours 39

Total Program Hours 120

Survey of Health Concentration

The Survey of Health Concentration draws from a number of disciplines to explore healthcare issues, public health topics, and factors related to physical and emotional well-being. It will provide a generalist's understanding of the vast array of concerns that affect health professions. Students might work in health departments, health education settings, and organizations that do not require specialized skills. In addition, it may serve as a stepping-stone for graduate studies.

Program CIP Code

16.24.0101.02

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

Complete one course from:

- UNIV 4900 - University Studies Internship 3
- UNIV 4995 - University Studies Capstone 3

Total Hours 3

Concentration Requirements

Required Courses

Complete 36 credit hours, including 18 upper-division credit hours, from the following (Please note, course counted for core cannot be counted in the focus area):

- AHS 1010 - Introduction to Healthcare Professions
- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2300 - Principles of Microbiology 3
- CLAS 2110 - Medical and Scientific Terms 3
- CULA 1305 - Nutrition for Culinary Arts 3
- CULA 2331 - Cooking for Special Diets 3
- HHP 1000-4999
- MTEC 1000-4999

- NURS 1000-4999
- PE 1000-4999
- PHED 1000-4999
- PHIL 2300 - Medical Ethics 3
- PM 2000 - Introduction to Emergency Management 3
- POLS 4050 - Health Care Policy in the U.S. 3
- PSYC 3100 - Developmental Psychology 3
- PSYC 3340 - Health Psychology 3
- PSYC 4010 - Death, Dying and Bereavement 3
- PSYC 4030 - Introduction to Occupational Health Psychology 3
- RLTN 1000-4999
- SOC 3700 - Health, Illness, and Medicine 3
- SW 3460 - Community Mental Health: Policy and Practice 3
- SW 3480 - Living with HIV 3
- SW 3550 - Medical Social Work 3
- SW 4030 - Child and Adolescent Mental Health 3

Total Hours 36

Free Electives

Total Hours: 39

Total Program Hours 120

Survey of Humanities Concentration

The Survey of Humanities Concentration provides students the opportunity to choose courses from numerous fields that apply to the humanities. It may serve as an appropriate stepping-stone for admission into graduate school.

Program CIP Code

16.24.0101.02

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

Complete one course from:

- UNIV 4900 - University Studies Internship 3
- UNIV 4995 - University Studies Capstone 3

Total Hours 3

Concentration Requirements

Required Courses

Complete 36 credit hours, including 18 upper-division credit hours, from the following (Please note, course counted for core cannot be counted in the focus area):

- AAST 1000-4999
- ASIA 1000-4999
- CHIN 1000-4999
- CLAS 1000-4999
- COMM 1000-4999
- ENGL 1000-4999
- FREN 1000-4999
- GERM 1000-4999
- GREK 1000-4999
- HIST 1000-4999

- JAPN 1000-4999
- KOR 1000-4999
- LATN 1000-4999
- LING 1000-4999
- PHIL 1000-4999
- SPAN 1000-4999
- WGST 1000-4999
- DIVR 4020 - Capstone Seminar in Social Justice 3

Total Hours 36

Free Electives

Total Hours 39

Total Program Hours 120

Survey of Learning

The Survey of Learning concentration draws from education-related disciplines, leadership theories, and psychological development. Students will have the opportunity to explore developing skills to discuss, assess, and apply leadership theories and concepts and development theories and concepts; and manage the design and implementation of instructional and training materials. This concentration may serve as a stepping-stone for graduate studies.

Program CIP Code

16.24.0101.02

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

Complete one course from:

- UNIV 4900 - University Studies Internship 3
- UNIV 4995 - University Studies Capstone 3

Total Hours 3

Concentration Requirements

Required Courses

Complete 36 hours from the list below. Eighteen (18) credit hours must be upper level.

- BIOL 4400
- CSCI 1004 - Introductory Computing Experience 1 -3
- CSCI 1010 - Introduction to Programming I 3
- CSCI 1011 - Introduction to Programming I Lab 1
- CSCI 1300 - Introduction to Web Development 3
- ENGL 3420 - Diversity in Young Adult Literature 3
- ENGL 4400 - Teaching English in Secondary School 3
- HIST 4410 - Teaching History in the Middle School 3
- HIST 4950 - Teaching Social Studies Secondary Schools 3
- EC 1000-2999

- EC EL
- EC 3000-4999
- EC EU
- LING 2020 - Dialects in English 3
- LING 4020 - History of American English 3
- LING 4040 - How Language Works 3
- LING 4050 - English Grammar and Usage 3
- MATH 1550 - Statistics and Probability for K-8 Teachers 3
- MATH 4020 - Geometry for Teachers 3
- MATH 4030 - Problem Solving for Elementary and Middle School Teachers 3
- MATH 4100 - Teaching Mathematics in Grades K-3 3
- MATH 4150 - Teaching Mathematics in Grades 4-6 3
- MATH 4200 - Mathematics Content and Pedagogy for Middle School 3
- MATH 4400 - The Teaching of Secondary School Mathematics 3
- MUS 2240 - Introduction to Music Education 2
- PSYC 3050 - Career Development in Psychology 3
- RDG 1000-2999
- RDG EL
- RDG 3000-4999
- RDG EU
- SCI 4020 - Science Pedagogy 4
- SCI 4030 - Science Curriculum Development 4
- SOC 2550 - Foundations of Community Development 3
- SOC 3080 - Gender and Sexualities 3
- SOC 3090 - Sociology of Education 3
- SOC 4420 - Environmental Justice 3
- SPED 1000-2999
- SPED EL
- SPED 3000-4999
- SPED EU
- SW 3410 - Values, Ethics and Diversity 3
- SW 3440 - Crisis Intervention 3
- UNIV 3010 - Foundations of Peer Leadership in the University 1
- UNIV 3020 - Peer Leadership Practicum Experience 1
- UNIV 3030 - The Leadership Project 1

Total Hours 36

Free Electives

Total Hours 39

Total Program Hours 120

Survey of Organizational Administration & Supervision Concentration

Academic Affairs
Enrollment and Student Achievement
Location: Ellington, Room 206
Phone: 931-221-1021
Website: <https://www.apsu.edu/programs/index.php>

The APSU General Studies Major is designed for those who have completed another bachelor's degree. It is a non-licensure degree option that allows flexibility for students maintaining family, military, and employment obligations and is broad-based to allow for more individualized approach to degree completion and/or pursuit of two or more minors. The student completes one of the following seven concentrations: Education (Non-Licensure), Health, Humanities, Multi-Disciplinary, Organizational Administration and Supervision, Social and Behavioral Sciences, and STEM.

Program CIP Code

16.24.0101.02

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

Complete one course from:

- UNIV 4900 - University Studies Internship 3
- UNIV 4995 - University Studies Capstone 3

Total Hours 3

Program Free Electives

Total Hours 39

Concentration Requirements

Required Courses

Complete a maximum of 24 credit hours from:

- ACCT 1000-4999
 - BUS 1000 -4999
 - CCET 2450 Jobsite Management 3
 - CULA 2340 - Human Resource Management 3
 - DSCI 1000-4999
 - ECON 1000-4999
 - ENGT 2750 - General Contracting 3
 - FIN 1000-4999
 - HOSP 1000-4999
 - INTS 2000 - Introduction International Studies
 - LDSP 2010 Introduction to Organizational Management 3
 - LDSP 3120 Intercultural Business Communication 3
 - LDSP 3230 Workforce Management 3
 - LDSP 3240 Financial Management, Analysis and Reporting 3
 - LDSP 3600 Organizational Marketing 3
 - LDSP 3650 Global Marketing 3
 - LDSP 4100 Economic Issues for Organizations 3
 - LDSP 4500 Management of Operations 3
 - MGT 1000-4999
 - MKT 1000-4999
 - MT 1000 - Introduction to Business Environment 3
 - MT 2010 - Accounting Survey 3
 - MT 2030 - Marketing Survey 3
 - MT 2050 - Principles of Management 3
 - MT 2100 - Mathematics for Management 3
 - MT 2120 - Statistical Process Control 3
 - MT 2150 - Personal Financial Management 3
 - MT 2200 - Business and Industry Safety 3
 - MT 2250 - Introduction to Business Law 3
 - MT 2270 - Business Ethics 3
 - MT 2370 - Human Relations in Business 3
 - MT 2400 - Human Resource Management 3
 - MT 2450 - Labor Relations 3
 - MT 2500 - Purchasing and Logistics 3
 - MT 2550 - Small Business Operation 3
 - MT 2570 - Production Management 3
 - MT 2600 - Seminar Special Topics 3
 - PM 3240 - Public Budgeting and Financial Management 3
 - PM 4350 - Employment Discrimination Law 3
- Students must complete a minimum of 12 hours from the following courses to complete the requirements for this degree:**
- AET 1000-2999
 - CA 1000-2999
 - CCET 1000-2539

- CCET 2541-2749
- CCET 2751-2999
- COMM 1200 - Introduction to Mass Communication 3
- COMM 1400 - Introduction to Public Relations 3
- COMM 1900 - Introduction to Event Planning 3
- COMM 2010 - Introduction to Corporate Communication 3
- COMM 2310 - Small Group Communication 3
- COMM 3010 - Integrated Corporate Communication 3
- COMM 3320 - Business and Professional Communication 3
- COMM 3750 - Event Planning: Risk Management 3
- COMM 3910
- COMM 3915 - Advanced Event Planning 3
- COMM 4020 - Communication in Organizations 3
- COMM 4410 - Conflict Resolution and Negotiation 3
- COMM 4444 - Cultural Context in Communication 3
- COMM 4810
- COMM 4910 - Public Relations Campaigns 3
- CULA 1000-2339
- CULA 2341-2999
- EET 1000-2999
- LDEV 1000-4999
- LDSP 1000-4999
- MS 1000-4999
- MSL 1000-4999
- MT 1010 - Mathematics of Drugs and Solutions 2
- MT 1050 - Industrial Mathematics 3
- PM 1000-3239
- PM 3241-4349
- PM 4351-4999

Total Hours 36

Total Program Hours 120

Survey of Scientific Thought Concentration

The STEM Concentration provides students the opportunity to choose courses from numerous fields that apply to Science, Technology, Engineering and Mathematics. It may serve as an appropriate stepping-stone for admission into graduate school.

Program CIP Code

16.24.0101.02

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

Complete one course from:

- UNIV 4900 - University Studies Internship 3
- UNIV 4995 - University Studies Capstone 3

Total Hours 3

Concentration Requirements

Required Courses

Complete 36 credit hours, including 18 upper-division credit hours, from the following (Please note, courses counted for core cannot be counted in the concentration):

- AET 1000-4999
- AGRI 1000-4999
- ASTR 1000-4999
- AVI 1000-4999
- BIOL 1000-4999
- CCET 1000-4999
- CHEM 1000-4999
- CHET 1000-4999
- CSCI 1000-4999
- EET 1000-4999

- ENGT 1000-4999
- GEOG 1000-4999
- GEOL 1000-4999
- MATH 1000-4999
- PHYS 1000-4999
- STAT 1000-4999

Total Hours 36

Free Electives

Total Hours 39

Total Program Hours 120

Survey of Social and Behavioral Sciences

The Survey of Social and Behavioral Sciences Concentration provides students the opportunity to choose courses from numerous fields that apply to society, human behavior, and social relationships. It may serve as an appropriate stepping-stone for admission into graduate school.

Program CIP Code

16.24.0101.02

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

Complete one course from:

- UNIV 4900 - University Studies Internship 3
- UNIV 4995 - University Studies Capstone 3

Total Hours 3

Concentration Requirements

Required Courses

Complete 36 hours from:

- CRJ 1000-4999
- GSS 2010 - Introduction to Global Security Study 3
- HHP 4040 - Sport Psychology 3
- HHP 4050 - Implementing Health Behavior Changes 3
- HHP 4080 - Human Sexuality 3
- POLS 1000-4999
- PSYC 1000-4999
- SOC 1000-4999
- SW 1000-4999

Total Hours 36

Free Electives

Total Hours 39

Total Program Hours 120

Professional Services (A.A.S.)

Dr. Allen Barger

Executive Director of University Studies

Location: Ellington 206

Phone: 931-221-1021

Email: bargera@apsu.edu

The Associate of Applied Science (A.A.S.) in Professional Services degree is designed to prepare students for service industry careers. The degree consists of a general education core, a common set of required degree specific (core) courses, and concentration specific required courses and electives. Additionally, the A.A.S. coursework provides a multiple pathways to a Bachelor's Degree in order to help meet an individual student's educational and career goals. Students work closely with their academic advisors in determining their curriculum requirements. The A.A.S. offers concentrations in Culinary Arts and Recreation Administration.

Program CIP Code

32.52.0201.00

Concentrations

- Culinary Arts Concentration
- Recreational Administration Concentration

Culinary Arts Concentration

The Associate of Applied Science (A.A.S.) in Professional Services degree is designed to prepare students for service industry careers. The degree consists of a general education core, a common set of required degree specific (core) courses, and concentration specific required courses and electives. Additionally, the A.A.S. coursework provides a multiple pathways to a Bachelor's Degree in order to help meet an individual student's educational and career goals. Students work closely with their academic advisors in determining their curriculum requirements. The A.A.S. offers concentrations in Culinary Arts and Recreation Administration.

Program CIP Code

32.52.0201.01

General Education Core

- UNIV 1000 - University Success 1
- COMM 2045 - Public Speaking 3
- ENGL 1010 - English Composition I 3
- Humanities/Fine Arts Core
Complete one course from:
 - HHP 1250 - Wellness Concepts and Practice 3
 - LDSP 2100 - Foundations of Leadership Science 3
- **Complete one course from:**
 - MATH 1530 - Elements of Statistics 3
 - MATH 1010 - Mathematics for Society 3
 - Natural Science Core with Lab

Total Hours 16-17

Major Core Requirements

- COMM 1900 - Introduction to Event Planning 3
- CULA 2340 - Human Resource Management 3
- MKT 2010 - Principles of Marketing 3
- **Complete one course from:**
 - LDSP 2010 - Introduction to Organizational Management 3
 - MGT 2010 - Principles of Management and Organizational Behavior 3

Total Hours 12

Concentration Requirements

- CULA 1200 - Sanitation and Food Safety 3
- CULA 1305 - Nutrition for Culinary Arts 3
- CULA 1310 - Fundamentals of Baking 3
- CULA 1320 - Culinary I (Fundamentals) 3

- CULA 1325 - Culinary II (Fabrication) 3
- CULA 1330 - Garde Manger 3
- CULA 2376 - International Food 3
- CULA 2380 - Culinary Internship 3
- **Complete one course from:**
- CULA 2300 - Food and Beverage Management 3
- CULA 2375 - Purchasing and Cost Control 3

Total Hours 27

Concentration Guided Electives

Complete five to six credits from:

- CULA 1300 - Special Topics I 1
- CULA 1301 - Special Topics II 2
- CULA 1302 - Special Topics III 3
- CULA 1321 - Advanced Baking and Pastry 3
- CULA 1340 - Dining Room Service 3
- CULA 2250 - Professional Catering 3
- CULA 2331 - Cooking for Special Diets 3
- CULA 2350 - Introduction to Ice Carving 3
- CULA 2351 - Plated Desserts and Presentations 3
- CULA 2352 - Hot and Cold Desserts 3
- CULA 2361 - Retail Bakery Management 3
- CULA 2370 - Bar Service 3
- CULA 2373 - Gourmet Foods 3
- CULA 2390 - Culinary Capstone 3

Total Hours 5-6

Total Hours 60-62

Recreational Administration Concentration

Dr. Allen Barger

Executive Director of General and Professional Studies

Location: Ellington 206

Phone: 931-221-1021

Email: bargera@apsu.edu

The Associate of Applied Science (A.A.S.) in Professional Services degree is designed to prepare students for service industry careers. The degree consists of a general education core, a common set of required degree specific (core) courses, and concentration specific required courses and electives. Additionally, the A.A.S. coursework provides a multiple pathways to a Bachelor's Degree in order to help meet an individual student's educational and career goals. Students work closely with their academic advisors in determining their curriculum requirements. The A.A.S. offers concentrations in Culinary Arts and Recreation Administration. The concentration in Recreation Administration prepares students for careers in the public and private sectors of the recreation industry and provides necessary knowledge, skills, and abilities for entry into service-sector careers.

Program CIP Code

32.52.0201.01

General Education Core

- COMM 2045 - Public Speaking 3
- ENGL 1010 - English Composition I 3
- Humanities Core Course 3
Complete one course from:
- HHP 1250 - Wellness Concepts and Practice 3
- LDSP 2100 - Foundations of Leadership Science 3
Complete one course from:
- MATH 1010 - Mathematics for Society 3
- MATH 1530 - Elements of Statistics 3
- Natural Science with lab 4
- UNIV 1000 - University Success 1

Total Hours 16-17

Major Core Requirements

- COMM 1900 - Introduction to Event Planning 3
- CULA 2340 - Human Resource Management 3
- MKT 2010 - Principles of Marketing 3
Complete one course from:
- LDSP 2010 - Introduction to Organizational Management 3
- MGT 2010 - Principles of Management and Organizational Behavior 3

Total Hours 12

Concentration Requirements

- HHP 1250 - Wellness Concepts and Practice 3
- HHP 2040 - Youth Sports: Trends and Issues 3
- HHP 2500 - Foundations of Recreation 3
- HHP 2600 - Community Recreation 3
- PHED 1310 - Physical Fitness 1

Total Hours 13

Concentration Guided Electives

Complete twelve (12) hours from:

- HHP 2010 - Technology Applications for Health and Human Performance 3
- HHP 2030 - Youth and Adolescent Health 3
- HHP 2200 - Career Exploration in Health and Human Performance 2
- HHP 2250 - Public Health Essentials 3
- HHP 2700 - Introduction to Sport Management 3
- LDSP 2100 - Foundations of Leadership Science 3
- PHED 1000-2999 1 (excludes PHED 1310)
- PSYC 1050 - Psychology of Modern Culture 3
- SOC 1010 - Introduction to Sociology 3

Total Hours 12

Free Electives

Total Hours 6-7

Total Program Hours 60

University Studies (A.S.)

The University Studies associate degree program is designed to serve as a complete two-year educational program, as well as to transfer to a bachelor's degree program. It includes many courses that are required for any four-year program of study and an area of electives that may allow a student to enroll in either major specific courses or courses of a personal interest.

That makes the University Studies program an excellent choice for students who are unsure of their academic career plans. The program also is ideal for students who are attempting to fulfill core requirements for any four-year degree. A student pursuing a bachelor degree may apply for the Liberal Arts degree upon completion of the requirements without interrupting the bachelor program.

University Studies advisers are available by appointment or by email throughout the academic year to answer questions and advise students on the appropriateness of the program for their particular career or educational goal. Once course selections are available for the upcoming term, advisers are available to assist students in choosing classes.

Program CIP Code

16.24.0102.00

Concentrations

- University Studies Major
- Health Professions Concentration

Health Professions Concentration

The Health Professions Concentration prepares students to work as health professionals in various healthcare settings.

Program CIP Code

16.24.0102.00

Major Core Requirements

I Communications

Complete the below courses:

- ENGL 1010 - English Composition I 3
- COMM 2045 - Public Speaking 3

Complete one (1) course from:

- ENGL 1020 - English Composition II 3
- HON 1045 - Foundations of Interdisciplinary Thinking 3

Total Hours 9

II History

Complete two (2) courses from the list below:

- HIST 2010 - Early United States History 3
- HIST 2020 - Modern United States History 3
- HIST 2030 - History of Tennessee 3
- HIST 2310 - Early World History 3
- HIST 2320 - Modern World History 3

Total Hours 6

III Humanities and/or Fine Arts

Complete one (1) course from:

- ENGL 2330 - Topics in World Literature 3
- HON 2220 - Cultural Conversations 3

Complete one option from below: Option A: Complete two courses from (courses must be from different disciplines)

- ART 1035 - Introduction to Art 3
- DANC 1200 - Introduction to Dance 3
- MUS 1030 - Introduction to Music 3
- MUS 2030 - World Music 3
- MUS 2200 - Popular World Music 3
- PHIL 1030 - Introduction to Philosophy 3
- PHIL 1040 - Introduction to Ethics 3

- PHIL 2200 - Religion and the World 3
- THEA 1030 - Introduction to Theatre 3
- FREN 1010 - Introductory French I 3
- FREN 1020 - Introductory French II 3
- GERM 1010 - Introductory German I 3
- GERM 1020 - Introductory German II 3
- GREK 1010 - Introductory Greek I 3
- GREK 1020 - Introductory Greek II 3
- LATN 1010 - Introductory Latin I 3
- LATN 1020 - Introductory Latin II 3
- SPAN 1010 - Introductory Spanish I 3
- SPAN 1020 - Introductory Spanish II 3

Option B: Complete one foreign language sequence from (courses from different languages will not fulfill this requirement):

Total Hours 9

IV Mathematics

Complete one (1) course from the list below:

- MATH 1010 - Mathematics for Society 3
- MATH 1110 - Algebraic Problem Solving 3
- MATH 1420 - Structure of Mathematical Systems II 3
- MATH 1530 - Elements of Statistics 3
- MATH 1710 - Precalculus Algebra 3
- MATH 1730 - Precalculus 4
- MATH 1810 - Elements of Calculus 3
- MATH 1910 - Calculus I 4

Total Hours 3

V Natural Sciences

Complete any two (2) courses with lab from the list below:

- ASTR 1010 - Planetary Astronomy 3
- ASTR 1011 - Planetary Astronomy Lab 1
- ASTR 1020 - Stellar Astronomy 3
- ASTR 1021 - Stellar Astronomy Lab 1
- BIOL 1010 - Introduction to Biology 3
- BIOL 1011 - Introduction to Biology Lab 1
- BIOL 1020 - Diversity of Life 3
- BIOL 1021 - Diversity of Life Lab 1
- BIOL 1040 - Human Biology 3
- BIOL 1041 - Human Biology Lab 1
- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- BIOL 1120 - General Biology II 3

- BIOL 1121 - General Biology II Lab 1
- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- BIOL 2400 - Sustaining Biodiversity 4
- CHEM 1010 - Introductory Chemistry I 3
- CHEM 1011 - Introductory Chemistry I Lab 1
- CHEM 1020 - Introductory Chemistry II 3
- CHEM 1021 - Introductory Chemistry II Lab 1
- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1
- CHEM 1710 - Introduction to Chemistry and Physics 3
- CHEM 1711 - Introduction to Chemistry and Physics Lab 1
- PHYS 1710 - Introduction to Chemistry and Physics 4
- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1
- GEOL 1050 - Historical Geology 3
- GEOL 1051 - Historical Geology Lab 1
- PHYS 1010 - Concepts: Motion, Heat, and Sound 3
- PHYS 1011 - Concepts Lab: Motion, Heat, and Sound 1
- PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World 3
- PHYS 1021 - Concepts Lab: Electromagnetism, Light and the Quantum World 1
- PHYS 2010 - College Physics I 3
- PHYS 2011 - College Physics I Lab 1
- PHYS 2020 - College Physics II 3
- PHYS 2021 - College Physics II Lab 1
- PHYS 2110 - University Physics I 3
- PHYS 2111 - University Physics I Lab 1
- PHYS 2120 - University Physics II 3
- PHYS 2121 - University Physics II Lab 1

Total Hours 8

VI Social and Behavioral Sciences

Complete one (1) course from two disciplines from the list below:

- AAST 2200 - Introduction African American Studies 3
- COMM 1110 - Media and Social Institutions 3
- CRJ 1010 - Introduction to Criminal Justice 3
- ECON 2000 - Contemporary Economics 3
- ECON 2100 - Principles of Macroeconomics 3
- GEOG 1015 - Physical Geography 3
- GEOG 1035 - World Geography 3
- GEOG 1045 - Popular World Geography 3

- HHP 1250 - Wellness Concepts and Practice 3
- LDSP 2100 - Foundations of Leadership Science 3
- POLS 2000 - Introduction to Politics 3
- POLS 2010 - American National Government 3
- POLS 2040 - Introduction to Public Policy 3
- POLS 2070 - International Politics 3
- PSYC 1030 - Introduction to Psychology 3
- PSYC 1050 - Psychology of Modern Culture 3
- SOC 1010 - Introduction to Sociology 3
- SOC 1040 - Social Problems 3
- SOC 2900 - Marriage and the Family 3
- SW 2110 - Introduction to Social Work 3
- WGS 2050 - Women and Culture: Introduction to Women's and Gender Studies

Total Hours 6

VII Transition to the University

- HON 1000 - University Success 1
- PELP 1000 - Freshman Seminar 1

Total Hours 1

Health Professions Concentration Electives

Complete one (1) course from:

- AHS 1010 - Introduction to Healthcare Professions
- NURS 2010 - Concepts of Professional Nursing 3

Complete nine (9) hours from:

- HHP 1250 - Wellness Concepts and Practice 3
- HHP 2030 - Youth and Adolescent Health 3
- HHP 2100 - Introduction to Pre-Physical Therapy 1
- HHP 2200 - Career Exploration in Health and Human Performance 2
- HHP 2250 - Public Health Essentials 3
- HHP 3000 - Health Care Management 3
- HHP 3030 - Nutrition: Science and Application 3
- IHSJ 2500 - Health and Social Justice 3
- PHIL 2300 - Medical Ethics 3
- PSYC 3100 - Developmental Psychology 3
- PSYC 3340 - Health Psychology 3
- PSYC 4030 - Introduction to Occupational Health Psychology 3
- NURS 2020 - Nursing Assessment 3
- NURS 2021 - Nursing Assessment Clinical 1
- NURS 2030 - Fundamentals of Nursing 4
- NURS 2031 - Fundamentals of Nursing Clinical 4
- NURS 2040 - Introduction to Pharmacology 1
- SOC 2900 - Marriage and the Family 3

- SOC 3700 - Health, Illness, and Medicine 3
- CLAS 2110 - Medical and Scientific Terms 3
- SOC 1040 - Social Problems 3

Total Hours 12

Free Electives

Total Hours: 6

Total Program Hours 60

University Studies Major

Program CIP Code

16.24.0102.00

Major Core Requirements

I Communications

Complete the below courses:

- ENGL 1010 - English Composition I 3
- COMM 2045 - Public Speaking 3

Complete one (1) course from:

- ENGL 1020 - English Composition II 3
- HON 1045 - Foundations of Interdisciplinary Thinking 3

Total Hours 9

II History

Select two (2) courses from the list below

- HIST 2010 - Early United States History 3
- HIST 2020 - Modern United States History 3
- HIST 2030 - History of Tennessee 3
- HIST 2310 - Early World History 3
- HIST 2320 - Modern World History 3

Total Hours 6

III Humanities and/or Fine Arts

Complete one (1) course from:

- ENGL 2330 - Topics in World Literature 3
- HON 2220 - Cultural Conversations 3

Complete one option from below:

Option A: Complete two courses from (courses must be from different disciplines:

- ART 1035 - Introduction to Art 3
- DANC 1200 - Introduction to Dance 3
- MUS 1030 - Introduction to Music 3
- MUS 2030 - World Music 3
- MUS 2200 - Popular World Music 3
- PHIL 1030 - Introduction to Philosophy 3
- PHIL 1040 - Introduction to Ethics 3
- PHIL 2200 - Religion and the World 3

- THEA 1030 - Introduction to Theatre 3
- FREN 1010 - Introductory French I 3
- FREN 1020 - Introductory French II 3
- GERM 1010 - Introductory German I 3
- GERM 1020 - Introductory German II 3
- GREK 1010 - Introductory Greek I 3
- GREK 1020 - Introductory Greek II 3
- LATN 1010 - Introductory Latin I 3
- LATN 1020 - Introductory Latin II 3
- SPAN 1010 - Introductory Spanish I 3
- SPAN 1020 - Introductory Spanish II 3

Option B:

Complete one foreign language sequence from: (courses from different languages will not fulfill this requirement)

- **FREN 1010 Introductory French I 3**
- **FREN 1020 Introductory French II 3**
- **GERM 1010 Introductory German I 3**
- **GERM 1020 Introductory German II 3**
- **GREK 1010 Introductory Greek I 3**
- **GREK 1020 Introductory Greek II 3**
- **LATN 1010 Introductory Latin I 3**
- **LATN 1020 Introductory Latin II 3**
- **SPAN 1010 Introductory Spanish I 3**
- **SPAN 1020 Introductory Spanish II 3**

Total Hours 9

IV Mathematics

Select one (1) Course from the list below

- MATH 1010 - Mathematics for Society 3
- MATH 1110 - Algebraic Problem Solving 3
- MATH 1420 - Structure of Mathematical Systems II 3
- MATH 1530 - Elements of Statistics 3
- MATH 1710 - Precalculus Algebra 3
- MATH 1730 - Precalculus 4
- MATH 1810 - Elements of Calculus 3
- MATH 1910 - Calculus I 4

Total Hours 3

V Natural Sciences

Select any two (2) courses with lab from the list below

- ASTR 1010 - Planetary Astronomy 3
- ASTR 1011 - Planetary Astronomy Lab 1

- ASTR 1020 - Stellar Astronomy 3
- ASTR 1021 - Stellar Astronomy Lab 1
- BIOL 1010 - Introduction to Biology 3
- BIOL 1011 - Introduction to Biology Lab 1
- BIOL 1020 - Diversity of Life 3
- BIOL 1021 - Diversity of Life Lab 1
- BIOL 1040 - Human Biology 3
- BIOL 1041 - Human Biology Lab 1
- BIOL 1110 - General Biology I 3
- BIOL 1111 - General Biology I lab 1
- BIOL 1120 - General Biology II 3
- BIOL 1121 - General Biology II Lab 1
- BIOL 2010 - Human Anatomy and Physiology I 3
- BIOL 2011 - Human Anatomy and Physiology I Lab 1
- BIOL 2020 - Human Anatomy and Physiology II 3
- BIOL 2021 - Human Anatomy and Physiology II Lab 1
- BIOL 2400 - Sustaining Biodiversity 4
- CHEM 1010 - Introductory Chemistry I 3
- CHEM 1011 - Introductory Chemistry I Lab 1
- CHEM 1020 - Introductory Chemistry II 3
- CHEM 1021 - Introductory Chemistry II Lab 1
- CHEM 1050 - Chemistry for Everyone 3
- CHEM 1051 - Chemistry for Everyone Lab 1
- CHEM 1110 - General Chemistry I 3
- CHEM 1111 - General Chemistry I Lab 1
- CHEM 1120 - General Chemistry II 3
- CHEM 1121 - General Chemistry II Lab 1
- CHEM 1710 - Introduction to Chemistry and Physics 3
and
- CHEM 1711 - Introduction to Chemistry and Physics Lab 1
or
- PHYS 1710 - Introduction to Chemistry and Physics 4
- GEOL 1040 - Physical Geology 3
- GEOL 1041 - Physical Geology Lab 1
- GEOL 1050 - Historical Geology 3
- GEOL 1051 - Historical Geology Lab 1
- PHYS 1010 - Concepts: Motion, Heat, and Sound 3
- PHYS 1011 - Concepts Lab: Motion, Heat, and Sound 1
- PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World 3
- PHYS 1021 - Concepts Lab: Electromagnetism, Light and the Quantum World 1
- PHYS 2010 - College Physics I 3
- PHYS 2011 - College Physics I Lab 1
- PHYS 2020 - College Physics II 3
- PHYS 2021 - College Physics II Lab 1
- PHYS 2110 - University Physics I 3
- PHYS 2111 - University Physics I Lab 1
- PHYS 2120 - University Physics II 3
- PHYS 2121 - University Physics II Lab 1

Total Hours 8

VI Social and Behavioral Sciences

Select one (1) course from two (2) disciplines from the list below

- AAST 2200 - Introduction African American Studies 3
- COMM 1110 - Media and Social Institutions 3
- CRJ 1010 - Introduction to Criminal Justice 3
- ECON 2000 - Contemporary Economics 3
- ECON 2100 - Principles of Macroeconomics 3
- GEOG 1015 - Physical Geography 3
- GEOG 1035 - World Geography 3
- GEOG 1045 - Popular World Geography 3
- HHP 1250 - Wellness Concepts and Practice 3
- LDSP 2100 - Foundations of Leadership Science 3
- POLS 2000 - Introduction to Politics 3
- POLS 2010 - American National Government 3
- POLS 2040 - Introduction to Public Policy 3
- POLS 2070 - International Politics 3
- PSYC 1030 - Introduction to Psychology 3
- PSYC 1050 - Psychology of Modern Culture 3
- SOC 1010 - Introduction to Sociology 3
- SOC 1040 - Social Problems 3
- SOC 2900 - Marriage and the Family 3
- SW 2110 - Introduction to Social Work 3
- WGS 2050 - Women and Culture: Introduction to Women's and Gender Studies

Total Hours 6

VII Transition to the University

- HON 1000 - University Success 1
- PELP 1000 - Freshman Seminar 1
- UNIV 1000 - University Success 1

Total Hours 1

VIII General Education Electives: 18 Credit Hours

Total Hours 18

Free Electives

Total Hours 18

Total Program Hours 60

Accelerated Culinary Arts Certificate

Accelerated Culinary Arts undergraduate certificate would in particular serve the Culinary School at Fort Lee, Virginia. The Army has asked Austin Peay to offer this program at Fort Campbell. The credit-bearing certificate program is for US Army "Food Service" soldiers.

The program would contain a total of four (4) courses, each three credit hours, for a total of 12 credit hours at the 1000 and 2000 level. All four (4) of the courses are already approved courses in the APSU Bulletin (catalog). Three (3) of the courses are common to all of the students, and then the fourth course would be selected from two of the existing APSU's culinary course electives based on the student's specialty.

US Army has asked APSU to offer these courses in a four week program (mini-semester). Students will enroll for a 4 week period and take classes every day, Monday through Friday (in essence a course each day of the week) for at least 10 hours a day to achieve the 180 clock hours needed. The Army will be paying all tuition and fees. A new cohort will enter every 4 weeks. The students will be housed at Ft. Campbell. There will be a maximum of 16 students per class. APSU has sufficient equipment and facilities to support the program as well as a number of qualified adjunct faculty to work with the existing APSU culinary faculty. This program would be funded through the US Army Culinary program so students will not have to use their Tuition Assistance.

These college credit bearing courses are a subset of the existing AAS Management Technology – concentration in Restaurant Management, and all of the courses can be applied to the AAS degree if the student wants to continue and earn the AAS.

Program CIP

07.12.0500.00

Minor Requirements

- CULA 1200 - Sanitation and Food Safety 3
- CULA 1305 - Nutrition for Culinary Arts 3
- CULA 2375 - Purchasing and Cost Control 3

Total Hour 9

Minor Guided Electives

Select one (1) course from the list below

- CULA 1310 - Fundamentals of Baking 3
- CULA 1320 - Culinary I (Fundamentals) 3

total Hours 3

Total Hours 12

Peer Leadership Certificate

Program CIP

08.13.9999.00

Certificate Requirements

Total Hours 3

Certificate Guided Electives

Complete nine hours from (at least 6 hours must be from courses 3000-4999):

- AAST 2000 - Contemporary African American Life 3
- AAST 2200 - Introduction African American Studies 3
- AAST 3500 - Multicultural Studies on Race and Gender 3
- ART 2015 - Art History, Non-Western Survey 3
- ASIA 1001 - Japan through Manga and Anime 3
- COMM 1600 - Introduction to Popular Culture 3
- COMM 2090 - Interpersonal Communication 3
- COMM 2310 - Small Group Communication 3
- COMM 3090 - International Communication 3
- COMM 3650 - Popular Culture in the South 3
- COMM 4050 - Values, Ethics, and Diversity in American Popular Culture 3
- COMM 4410 - Conflict Resolution and Negotiation 3
- COMM 4470 - Race, Gender, and Mass Media 3
- CRJ 3130 - Policing in America 3
- CRJ 3300 - Ethics in Criminal Justice 3
- CULA 2376 - International Food 3
- ENGL 340B - Native American Literature 3
- ENGL 340H - African Writers 3
- ENGL 340K - Crossing Borders: Reading Immigrant Literature 3
- ENGL 340M - U.S. Latino/a Literatures 3
- ENGL 340N - LGBTQ Literature Across Cultures 3
- ENGL 340W - Critical Studies in Women's Literature 3
- FREN 3040 - Study Abroad 6 to 8
- FREN 3044 - Study Abroad in Quebec 3
- FREN 3050 - Semester Study in France 6 to 12
- GEOG 3120 - Geography of Asia 3
- GEOG 3130 - Geography of the Middle East 3
- GEOG 3750 - Geography of Africa 3
- GERM 3040 - Study Abroad in German Speaking Countries 6 to 8
- HIST 3430 - East Asia through the Ages 3
- HIST 3650 - African American History 3
- HIST 4076 - The Modern Middle East 3
- HIST 4650 - African American History to 1890 3

- HIST 4760 - Native American History 3
- HIST 4850 - African Americans in the Military 3
- HON 2010 - Roots of Western Culture 3
- HON 2220 - Cultural Conversations 3
- IHSJ 2500 - Health and Social Justice 3
- INTS 2000 - Introduction International Studies
- LDSP 2100 - Foundations of Leadership Science 3
- LDSP 3030 - Organizational Team Building 3
- LDSP 3050 - Cultural Diversity in Organizations 3
- LDSP 3060 - Organizational Ethics 3
- LDSP 3100 - Organizational Dynamics 3
- LDSP 3140 - Leadership as Social Influence
- LDSP 3150 - Leadership and Power 3
- MGT 3002 - Ethics and Diversity in Business 1
- MSL 3040 - Leadership Development and Assessment Course 4
- PELP 1020 - Argument and Persuasion 1
- PELP 2010 - The Ethics of Leadership 1
- PELP 2020 - Leadership Communication Skills 1
- PELP 3010 - Problem Solving in Leadership 1
- PELP 3020 - Great Leaders 1
- PELP 4010 - Special Topics in Leadership 1
- PHIL 1040 - Introduction to Ethics 3
- PHIL 2200 - Religion and the World 3
- PHIL 3200 - Eastern Religions 3
- PHIL 3300 - Western Religions 3
- PM 3310 - Race and Cultures in Administration and Politics 3
- POLS 4020 - The Politics of Ethnicity 3
- POLS 3160 - African Politics 3
- POLS 3180 - Middle East Politics 3
- POLS 3140 - Latin American Politics 3
- POLS 4444 - Cultural Context of Political and Social Ideas 3
- PSYC 1050 - Psychology of Modern Culture 3
- PSYC 2210 - Human Interaction 3
- PSYC 3230 - African American Psychology 3
- PSYC 4060 - Group Dynamics 3
- SOC 3300 - Power, Privilege, and Global Inequality 3
- SOC 1040 - Social Problems 3
- SOC 3050 - Race and Ethnicity in a Multicultural Society 3
- SOC 3070 - Families Across Cultures 3
- SOC 3080 - Gender and Sexualities 3
- SOC 3810 - Globalization and Social Movements 3
- SPAN 304A - Study Abroad - Latin America 6 to 8
- SPAN 304B - Study Abroad Program in Spanish: Spain and Spanish-America 6 to 8
- SPED 2301 - Planning and the Learning Environment for Diverse Learners 3
- SW 3410 - Values, Ethics and Diversity 3
- SW 3420 - Human Behavior in the Social Environment 3
- SW 3450 - Human Behavior in the Macro Social Environment 3

- WGS 2050 - Women and Culture: Introduction to Women's and Gender Studies
- WGS 2060 - Introduction to LGBTQ Studies

Total Hours 9

Total Hours 12

Course Descriptions

Academic Support

PASS 0900 - Promoting Academic Student Success

Credit Hours 0

Description: PASS 0900 is a non-credit, pass/fail course designed as an academic-strengthening program to provide students with academic and personal support for college success. Enrollment in the PASS 0900 course is mandatory for students placed on academic probation during their freshman year and for students successfully appealing an academic suspension. Class meetings will include discussions, activities, and assignments related to motivation, attitude, study aids, concentration, information processing, study strategies, time management, stress management, test anxiety, learning styles, career planning, academic coaching, and other student-success techniques. Students who do not complete the PASS course will be required to enroll in the course the next semester if they are still on academic probation. Students placed on academic suspension while enrolled in PASS 0900 cannot appeal the suspension if they fail the course.

Accounting

ACCT 201L - Principles of Accounting I Lab

Credit Hours 0

Corequisite: ACCT 2010;

Description: Lab component to ACCT 2010. Graded on a Pass/Fail basis.

ACCT 440I - Accounting Internship

Credit Hours 3

Prerequisite: BB 1

Description: Designed to provide academic credit for relevant and meaningful work experience in preparation for accounting positions. Regular updates, summary reflection paper, and satisfactory evaluation by employer/supervisor required for credit. Grading on a pass/fail basis. Only three hours will count toward upper-division accounting electives.

ACCT 2001 - Foundations of Accounting

Credit Hours 3

Description: Note: Not open to BBA students

Introduction to financial and managerial accounting theory and practice with emphasis on the role of accounting information in business decisions.

ACCT 2010 - Principles of Accounting I

Credit Hours 3

Prerequisite: Completed 25 credit hours

Corequisite: ACCT 201L (grading is done on a pass/fail basis);

Description: This course covers basic financial accounting principles for the business enterprise. It is designed to cover the concepts, principles, and procedures pertaining to the preparation, analysis, and interpretation of financial recognition of revenues and expenses, and determining values for assets and liabilities, the preparation of financial statements, consistent with accounting standards, and their use in decision making.

ACCT 2020 - Principles of Accounting II

Credit Hours 3

Prerequisite: ACCT 2010

Description: A continuation of ACCT 2010. Accounting for businesses and introduction to the preparation and use of cost and managerial accounting. Students are required to use financial analysis tools for management level decision making, budgeting and forecasting.

ACCT 3010 - Intermediate Accounting I

Credit Hours 3

Prerequisite: BB 1;

Description: An intensive study of the environment and theoretical structure of financial accounting and reporting pertaining to the corporate form of ownership. Major topics include the accounting system and the technology used in the system; financial statements reporting and disclosures; time value of money concepts; and recognition and measurement of cash, receivables, inventories, and fixed assets.

ACCT 3020 - Intermediate Accounting II

Credit Hours 3

Prerequisite: BB 1 and ACCT 3010 with all grades of "C" or higher;

Description: A continuation of the intensive study of topics in financial accounting and reporting. The topics include intangible assets, investments, current and long-term liabilities, and equity. Also included are the concepts of revenue recognition, earnings per share, and deferred income taxes. Detailed analysis of the Statement of Cash Flows and the technology used in its creation, the concepts of full disclosure, and the accounting for changes and errors will be covered.

ACCT 3100 - Financial Statement Analysis

Credit Hours 3

Prerequisite: BB 1

Description: Critically analyze published annual reports, make decisions using financial information, identify particular accounting issues, recognize the limitations of accounting information, and consider the economic consequences of accounting decisions. Business analysis and valuation.

ACCT 3110 - Intermediate Managerial Accounting and Data Analytics

Credit Hours 3

Prerequisite: BB 1 with all grades of "C" or higher;

Description: In-depth study of managerial accounting concepts, focusing on performance and planning analytics. Heavy

emphasis on the use of data analytics techniques to examine budget/actual comparisons, variances, ratios, and other financial data and nonfinancial metrics.

ACCT 3210 - Advanced Technology for Accounting

Credit Hours 3

Prerequisite: BB 1, ACCT 3110, with all grades of "C" or higher

Description: An application-oriented course, which introduces students to current software used in the accounting profession.

ACCT 3410 - Governmental and Nonprofit Accounting

Credit Hours 3

Prerequisite: BB 1 and ACCT 3010 with all grades of a "C" or higher

Description: Fund and budgetary accounting by state and local governments. Federal government accounting and reporting is discussed. Additionally, accounting for other not-for-profit organizations such as: hospitals, universities, voluntary health and welfare organizations will be introduced.

ACCT 3510 - International Accounting

Credit Hours 3

Prerequisite: BB 1 with all grades of "C" or higher

Description: The effect of culture, economy, and history on the development of accounting and financial reporting standards within nations; comparison of financial statements between countries; international risk management; the move towards harmonization of accounting standards.

ACCT 3610 - Forensic Accounting

Credit Hours 3

Prerequisite: BB 1 ; ACCT 2010 or permission of the chair.

Description: Foundations of forensic accounting will be introduced, with a significant focus on fraud examination and financial crimes. Students will be able to recognize and investigate fraud schemes and know how to respond within the legal framework and ethical bounds of the profession. Students will be required to use critical thinking, decision-making, and communication skills to complete case studies and research assignments.

ACCT 3710 - Accounting Information Systems

Credit Hours 3

Prerequisite: BB 1, ACCT 3010, ACCT 3110, with all grades of "C" or higher

Description: Accounting information systems emphasizes the professional and legal responsibility of accountants and auditors for the design, operation, and control of AIS applications, including both financial and nonfinancial functions.

ACCT 4210 - Auditing

Credit Hours 3

Prerequisite: ACCT 3020, 3710, BB 1 with all grades of "C" or higher

Description: Auditing includes the study of professional ethics, legal issues related to auditing, evidence gathering and examination, internal controls of an organization, and reporting on audit results. Financial auditing will be emphasized. Use of computerize audit techniques and data analytics for audits will be covered.

ACCT 4230 - Data Analytics for Accounting

Credit Hours 3

Prerequisite: BB1, ACCT 3020, ACCT 3710, all with a grade of "C" or higher

Description: The course develops the analytics mindset needed by accounting professionals through an understanding of data scrubbing, manipulation and preparation; data completeness, reliability and validity; data analysis; data visualization and reporting.

ACCT 4310 - Individual Income Tax

Credit Hours 3

Prerequisite: BB 1, with all grades of "C" or higher

Description: Introduction to the Internal Revenue Code and Treasury Department regulations with emphasis on the determination of income and statutory deductions to compute taxable net income. Taxation of gains and losses on property transactions, the alternative minimum tax. Introduction to the use of tax and financial planning techniques.

ACCT 4311 - Tax Practicum

Credit Hours 3

Prerequisite: BB 1

Description: A service-learning course designed to assist the APSU and Clarksville community. Students will become IRS-certified VITA (Volunteer Income Tax Assistance) volunteers through the use of IRS-provided training modules and certification exams. Upon certification, the students in conjunction with the professor will completely operate and staff an IRS-approved VITA site on the APSU campus.

ACCT 4320 - Corporate and Business Entities Taxation

Credit Hours 3

Prerequisite: BB 1, all with a grade of "C" or higher

Description: A study of tax issues involved in the formation, capital structure, operation, liquidation, reorganization, acquisitions of U.S. corporations, partnerships, sole proprietorships, and limited liability companies (LLCs), particular attention is devoted to C and S corporations. This course provides the tax background necessary to understand the structure of many common business transactions.

ACCT 4510 - Advanced Accounting

Credit Hours 3

Prerequisite: BB 1, ACCT 3020 with a grade of "C" or higher

Description: A further continuation of the intensive study of topics in financial accounting and reporting. Topics include business combinations, partnerships, segment and interim reporting, accounting for bankruptcies and liquidations. Data analytical methods for the analysis of the topics will be presented.

ACCT 4900 - Special Problems in Accounting

Credit Hours

Variable Credit Hours 1 to 6

Prerequisite: BB 1, ACCT 3010, Permission of Chair

Description: Supervised independent study of accounting topics (outside of the classroom) which are academically relevant and of interest to both the student and faculty.

African American Studies

AAST 300A - Selected Topics in African American Studies

Credit Hours 3

Description: Examination of a selected topic by an instructor relevant to issues in the field of African American.

AAST 300B - Selected Topics in African American Studies

Credit Hours 3

Description: Examination of a selected topic by an instructor relevant to issues in the field of African American.

AAST 300C - Selected Topics in African American Studies

Credit Hours 3

Description: Examination of a selected topic by an instructor relevant to issues in the field of African American.

AAST 2000 - Contemporary African American Life

Credit Hours 3

Prerequisite: AAST 2200

Description: This course analyzes and discusses contemporary issues and achievements in African American life. In addition, students will develop strategies for promoting equity, social justice, and inclusivity within their communities, work environments, and various spheres of life.

AAST 2200 - Introduction African American Studies

Credit Hours 3

Description: This interdisciplinary course provides an introduction to the African American experience from a cultural, historical, social, political and psychological perspective. The students will gain a foundational understanding of the complexities of African American life, identity, and contributions.

AAST 2220 - Confronting the Other

Credit Hours 3

Cross Listed: HON 2220

Description: Exploration of the idea and reality of the other in various cultures and modes of discourse. Examples include addressing differences through science fiction, or confronting racism through media reports and/or film, music, and art. Students will consider issues involving confrontation and respond to them rationally rather than emotionally.

AAST 2250 - African American Expressive Culture

Credit Hours 3

Description: This course highlights the achievements and contributions of African American artists to the world. Students will explore and practice various aspects of expressive culture within the African American community including music, dance, poetry, theatre and art. They will also analyze the importance of these art forms in the daily lives of African Americans.

AAST 2500 - Africana Women Across Cultures

Credit Hours 3

Description: The roles (lifestyles, value systems, occupations) of women of African descent living in various parts of the world will be explored, compared and contrasted. In addition, students will analyze the impact of racism, sexism and economic oppression on the lives of these women.

AAST 2550 - Aesthetics of the Hip Hop Industry

Credit Hours 3

Prerequisite: AAST 2200 or permission of instructor

Description: Aesthetics of the Hip Hop Industry explores this musical genre and seeks an understanding of the subcultural tendencies that created it and the commercial tendencies that transformed it into what it is today. Students will study music and writings related to the hip hop industry.

AAST 2800 - Introduction to Black Women Writers

Credit Hours 3

Description: This course offers an introduction to the writings of African American women from the nineteenth to the twenty-first century. Through an intersectional lens, students will critically engage with a diverse selection of texts that reflect the complexities of Black women's experiences, identities, and creative expressions.

AAST 3020 - Seminar in African American Studies

Credit Hours 1 to 6

Variable Credit Hours 1 to 6

Description: The focus of the seminar is determined by the individual instructor. Generally, selected seminar topics are too narrow for three-credit courses. More than one seminar may be offered in a given semester ranging from one to six credit hours. Up to six seminar hours may apply towards the minor in African American Studies.

AAST 3200 - Study Abroad Ghana, West Africa

Credit Hours 6

Prerequisite: AAST 2200 or permission of instructor

Description: This course is designed to expose students to various aspects of life in Africa through a diverse range of topics including the past, present and future of African culture and societies, the transatlantic slave trade, and the efforts of one of the premiere developing countries to reclaim its nationhood.

AAST 3300 - Introduction to Black Theatre and Performance

Credit Hours 3

Description: This introductory course explores the history of Black theatre within American society and how performance artists, directors, and writers helped shaped Black identity within the 20th and 21st century. Students will read, discuss, and perform works by playwrights such as but not limited to: Lorraine Hansberry, August Wilson, and Ntozake Shange.

AAST 3400 - African Americans in Film and Society

Credit Hours 3

Description: This course explores the representations of Black people, communities and experiences in film and television throughout history. The students will critically examine the ways in which cinema and television both reflect and shape societal attitudes, cultural narratives, and contemporary contexts related to Black identity.

AAST 3450 - African American Literature: Post Civil Rights

Credit Hours 3

Prerequisite: AAST 2200

Description: This course examines the literary works produced during and inspired by the Black Panther Movement. Students will study the people, film, literature, culture, and ideologies of the movement.

AAST 3500 - Multicultural Studies on Race and Gender

Credit Hours 3

Prerequisite: AAST 2200 or WGST 2050

Description: This course discusses the intersections of race, gender and sexuality within Black and LGBTQIA+ communities. The students will analyze the impact of these various constructs on society, pop culture and individual experiences.

AAST 3650 - Race, Sports, and Society

Credit Hours 3

Cross Listed: COMM 3650

Prerequisite: ENGL 2330

Description: We will explore the intersection of race, sports, and protest in American history. We will examine the transformation of sports from a form of entertainment—and an escape from the world's worst problems—to what it has become today: a staging ground for American patriotism.

AAST 4000 - Capstone Seminar in African American Studies

Credit Hours 3

Prerequisite: AAST 2200 or permission of instructor

Description: This course will be divided into two components. In the first component, students will learn research methodologies appropriate for African American Studies. In the second component, students will identify a topic of interest and develop a research project. The final project will be presented to an audience.

AAST 4050 - The Social Meaning of Race

Credit Hours 3

Prerequisite: ENGL 2330

Description: This course is a study of race as a social construct and the recurrent cause of differentiation in multiracial societies. We will also discuss the impact of race on social, cultural, economic, and political institutions as well as prejudice and racism.

AAST 4610 - African American Humor and Culture

Credit Hours 3

Cross Listed: COMM 4610

Prerequisite: ENGL 2330

Description: An examination of one of several traditions of African American humor for insights into shifting notions of race, culture, language, and identity in and beyond Black America.

Agriculture

AGRI 1040 - Environmental Science

Credit Hours 3

Corequisite: AGRI 1041;

Description: This course will provide an introduction to environmental science and major environmental issues and concerns facing our planet. From a background study of natural ecosystems and human populations, the course will survey the environmental, social and economic consequences of development, energy generation, resource management and pollution.

AGRI 1041 - Environmental Science Lab

Credit Hours 1

Corequisite: AGRI 1040;

Description: Laboratory component that will provide an introduction to environment science and major environmental issues and concerns facing our planet. From a background study of natural ecosystems and human populations, the course will survey the environmental, social and economic consequences of development, energy generation, resource management and pollution.

AGRI 1310 - Animal Science

Credit Hours 3

Description: Importance and role of nutrition, physiology, breeding, selection and management in animal production. Emphasis is placed on domestic farm animals.

AGRI 1410 - Plant Science

Credit Hours 3

Corequisite: AGRI 1411;

Description: Fundamentals of science and economic importance of plants and their relationship to agriculture and society.

AGRI 1411 - Plant Science Lab

Credit Hours 1

Corequisite: AGRI 1410;

Description: Laboratory component --

Fundamentals of science and economic importance of plants and their relationship to agriculture and society.

AGRI 2011 - Computer Skills for Agriculture Professionals

Credit Hours 1

Variable Credit Hours 1

Description: This course is an introductory course designed to teach computer applications relevant to agriculture. Areas of study include word processing, spreadsheet management, and presentation applications and techniques often used in agricultural communication and data analysis.

AGRI 2210 - Soils

Credit Hours 3

Prerequisite: Sophomore standing;

Corequisite: AGRI 2211;

Description: Soil types, formation, chemical and physical composition, colloids, moisture, conservation, fertility, and classification.

AGRI 2211 - Soils Lab

Credit Hours 1

Prerequisite: Sophomore standing;

Corequisite: AGRI 2210;

Description: Laboratory Component--

Soil types, formation, chemical and physical composition, colloids, moisture, conservation, fertility, and classification.

AGRI 2310 - Animal Management Practices

Credit Hours 3

Prerequisite: AGRI 1310 or permission of instructor

Description: Livestock management and practices performed on a routine basis. Emphasis placed on restraints, working facilities, physical procedures performed, and humane treatment of animals.

AGRI 2410 - Fruit and Vegetable Production

Credit Hours 3

Prerequisite: Sophomore standing

Description: Science and production practices of orchards, small fruit plantings and vegetable gardens for home and small commercial operations.

AGRI 2500 - Introduction to Agri Business

Credit Hours 3

Prerequisite: Sophomore standing

Description: Role and scope of agri-business, organization forms including cooperatives, agricultural marketing and financial systems, diffusion of agricultural technology.

AGRI 2705 - Introduction to Veterinary Technology Profession

Credit Hours 1

Variable Credit Hours 1

Prerequisite: AGRI 1310

Description: The course will provide students an introduction to a wide range of principles that veterinary technicians/technologists use on a daily basis. It will briefly cover these topics as an introduction into the veterinary technician/technologist profession with a particular focus on providing a ready reference on the diverse information that will assist the student upon entering the field.

AGRI 2900 - International Agriculture

Credit Hours 3

Description: This course is a study abroad course that will examine a range of relevant agricultural issues and topics that

examine similarities and differences in agricultural practices in the United States compared with other countries around the world.

AGRI 3000 - Conservation

Credit Hours 3

Prerequisite: Sophomore standing

Description: Use and abuse of natural resources. Historical perspectives and current management of forests, wildlife, and soils, including aspects of recreational use and pollution problems.

AGRI 3020 - Agriculture Power and Machinery

Credit Hours 3

Prerequisite: Junior standing or permission of instructor

Description: Agricultural power sources and machinery, work and power transformation, engine and machinery calculations, field capacities, field efficiency, break even use, and machinery adjustments.

AGRI 3050 - Agricultural Leadership, Education and Communication

Credit Hours 3

Prerequisite: Sophomore standing

Description: History and philosophy of agricultural leadership, education, and communications. A description of the historical perspectives and future career opportunities in the field of agricultural leadership, education and communications. The curriculum is designed to develop students for leadership positions in local, state, regional, and national organizations and agencies involved in the agriculture industry.

AGRI 3100 - Anatomy and Physiology of Domestic Animals

Credit Hours 2

Corequisite: AGRI 3101;

Description: Introduction to the comparative anatomy and physiology of animals with particular interest paid to domestic animals. Emphasis will be placed upon the cardiovascular, digestive, endocrine, respiratory, nervous, musculoskeletal, excretory, and immune systems across various animal species.

AGRI 3101 - Anatomy and Physiology of Domestic Animals Lab

Credit Hours 1

Corequisite: AGRI 3100;

Description: Laboratory component for the introduction to the comparative anatomy and physiology of animals with particular interest paid to domestic animals. Emphasis will be placed upon the cardiovascular, digestive, endocrine, respiratory, nervous, musculoskeletal, excretory, and immune systems across various animal species.

AGRI 3110 - Animal Health and Disease

Credit Hours 3

Prerequisite: AGRI 1310, BIOL 1010 or BIOL 1110

Description: The lines of defense of the body and how common disorders are diagnosed and treated as well as how to develop good herd health programs.

AGRI 3180 - Ethics of Animal Use

Credit Hours 3

Prerequisite: AGRI 1310 and sophomore standing or permission of instructor

Description: The study of animal ethics, philosophy, and history of animal rights/welfare movements; basic legal system of animal welfare, animal research, agri-ethics, ownership of companion animals, zoo, wildlife, and utility/livestock animals; and the local and global social impact of animal ethical dilemmas.

AGRI 3210 - Fertilizer and Soil Fertility

Credit Hours 2

Prerequisite: CHEM 1010 or equivalent

Description: Sources and properties of fertilizers and other soil amendments, methods of application, and soil chemistry.

AGRI 3310 - Animal Nutrition and Feeding

Credit Hours 3

Prerequisite: AGRI 1310 and (CHEM 1010 or 1110) or permission of instructor;

Corequisite: AGRI 3311;

Description: Scientific aspects of nutrition, including digestion, absorption, and metabolism of nutrients, and ration formulation.

AGRI 3311 - Animal Nutrition and Feeding Lab

Credit Hours 1

Prerequisite: AGRI 1310 or permission of instructor

Description: Laboratory Component--

Scientific aspects of nutrition, including digestion, absorption, and metabolism of nutrients, and ration formulation.

AGRI 3320 - Meat Goat Production

Credit Hours 2

Prerequisite: AGRI 1310 or permission of instructor

Description: Fundamental principles of meat goat production, biological and scientific aspects of development, inheritance, nutrition and disease management, and marketing of meat goat products.

AGRI 3321 - Meat Goat Production Lab

Credit Hours 1

Description: This lab will cover practical application of meat goat production and will be taught in a hybrid format. It will include an online component offered in an asynchronous format and an intensive three-day-hands-on component.

AGRI 3330 - Beef Production Management

Credit Hours 2

Prerequisite: AGRI 1310 and junior standing or permission of instructor;

Corequisite: AGRI 3331;

Description: Beef cattle production systems and application of the principles of nutrition, physiology, breeding, and management to the production of beef.

AGRI 3331 - Beef Production Management Lab

Credit Hours 1

Prerequisite: AGRI 1310 and junior standing or permission of instructor

Corequisite: AGRI 3330;

Description: Laboratory component for beef production systems and application of the principles of nutrition, physiology, breeding, and management to the production of beef.

AGRI 3340 - Swine Production Management

Credit Hours 2

Prerequisite: AGRI 1310, sophomore standing or permission of instructor

Description: Swine production systems and application of the principles of nutrition, physiology, breeding, and management to the production of pork.

AGRI 3350 - Horse Production

Credit Hours 2

Prerequisite: AGRI 1310, sophomore standing or permission of instructor

Description: Integration of principles of nutrition, physiology, and breeding into the management of horses.

AGRI 3360 - Dairy Production Management

Credit Hours 2

Prerequisite: AGRI 1310, junior standing or permission of instructor

Description: Application of principles of nutrition, physiology, and breeding to the managing of milk production.

AGRI 3370 - Poultry Production Management

Credit Hours 2

Prerequisite: AGRI 1310, sophomore standing or permission of instructor

Description: Poultry production systems and application of principles of nutrition, physiology, and breeding to the management of poultry.

AGRI 3380 - Companion Animal Management

Credit Hours 3

Prerequisite: Sophomore standing or consent of instructor

Description: Study of animals bred and maintained for human's amusement and companionship - including principles of nutrition, physiology, reproduction, training, and economic impact.

AGRI 3385 - Exotic Animal Management

Credit Hours 2

Prerequisite: AGRI 3380 or permission of instructor;

Description: Study of exotic animals kept for companionship - including principles of nutrition, anatomy and physiology, handling, proper husbandry, common health issues and zoonotic risk, and trends regarding exotic animal ownership.

AGRI 3390 - Livestock Evaluation and Selection

Credit Hours 2

Prerequisite: AGRI 1310;

Corequisite: AGRI 3391;

Description: Evaluation and selection of various livestock species including cattle, swine, sheep, and horses. Ability to relate phenotype to the genetic merit of livestock in selecting breeding stock animals. Understanding the relationship between appearance and carcass merit of food animals and performance in horses.

AGRI 3391 - Livestock Evaluation and Selection Lab

Credit Hours 1

Prerequisite: AGRI 1310;

Corequisite: AGRI 3390;

Description: Laboratory component for evaluation and selection of various livestock species including cattle, swine, sheep, and horses. Ability to relate phenotype to the genetic merit of livestock in selecting breeding stock animals. Understanding the relationship between appearance and carcass merit of food animals and performance in horses.

AGRI 3410 - Landscaping

Credit Hours 2

Prerequisite: Sophomore standing;

Corequisite: AGRI 3411;

Description: Identification, culture, design, uses and maintenance of perennials, turf grasses and woody plant material for home residences.

AGRI 3411 - Landscaping Lab

Credit Hours 1

Prerequisite: Sophomore standing;

Description: Laboratory component focusing on the identification culture, design, uses and maintenance of perennials, turf grasses and woody plant material for home residences.

AGRI 3420 - Forage Crops

Credit Hours 3

Prerequisite: AGRI 1410/1411 or BIOL 1010/1011 or BIOL 1110/1111 or permission of instructor;

Description: Distribution, structure and growth, improvement, culture, harvesting, identification of forage crops adapted to this region.

AGRI 3430 - Applied Weed Science

Credit Hours 3

Prerequisite: AGRI 1410/1411 or permission of instructor

Description: Characteristics, importance, and identification of prominent weed species, integrative weed management concepts.

AGRI 3440 - Turfgrass Management

Credit Hours 2

Corequisite: AGRI 3441;

Description: Detailed study of turfgrass management including cultivar selection, identification, establishment, fertilization, mowing, irrigation, thatch control, and compaction control practices. Residential and commercial turf management.

AGRI 3441 - Turfgrass Management Lab

Credit Hours 1

Corequisite: AGRI 3440;

Description: This lab will cover the practical applications of turfgrass management, will be taught in a hybrid format. It will include both an online component offered in an asynchronous format and an intensive hands-on component at Austin Peay University's Environmental Education Center.

AGRI 3460 - Greenhouse Management

Credit Hours 3

Prerequisite: Permission of instructor

Description: Principles of greenhouse management, plant growth, structures, environmental factors, safety, and marketing of plants in a commercial greenhouse operation.

AGRI 3500 - Agriculture Economics

Credit Hours 3

Prerequisite: Junior standing or permission of instructor

Description: Study of the allocation of agricultural resources, land, labor, capital, and management. Production costs, price determination, marketing, and finance.

AGRI 3510 - Agricultural Marketing and Futures

Credit Hours 3

Prerequisite: AGRI 2500 or AGRI 3500 or ECON 2100 or permission of instructor;

Description: A description of the marketing system for agricultural commodities. An institutional approach that studies the problems and issues encountered by the agencies between the farmer and consumers. Also futures markets and how they can be used to hedge agricultural commodities will be studied.

AGRI 3610 - Internship in Agriculture

Credit Hours 2

Prerequisite: Approval of Agriculture advisor and prior arrangements with agency

Description: Learning experience acquired through supervised part-time unsalaried placement with an agricultural business or agency. Grading on Pass/Fail only.

AGRI 3620 - Internship in Agriculture

Credit Hours 2

Prerequisite: Approval of Agriculture advisor and prior arrangements with agency.

Description: Learning experience acquired through supervised part-time unsalaried placement with an agricultural business or agency. Grading on Pass/Fail only.

AGRI 3710 - Veterinary Animal Care

Credit Hours 3

Prerequisite: Sophomore standing, AGRI 1310 and AGRI 2705

Corequisite: AGRI 3711;

Description: The course covers the basic animal care, restraint, nutrition and reproduction techniques that veterinary technicians/technologists will be using on a daily basis.

AGRI 3711 - Veterinary Animal Care Lab

Credit Hours 1

Prerequisite: AGRI 1310 and AGRI 3700, Sophomore standing

Corequisite: AGRI 3710;

Description: Laboratory Component -- The course covers the basic animal care, restraint, nutrition and reproduction techniques that veterinary technicians will be using on a daily basis.

AGRI 3720 - Veterinary Diagnostics

Credit Hours 3

Prerequisite: Sophomore standing, AGRI 3710 and AGRI 3711

Corequisite: AGRI 3721

Description: Continuation of the in-depth study of veterinary medical concepts including diagnostic and treatment techniques, professional requirements, as well as legal and ethical responsibilities focusing on the roles of those involved in the veterinary medical career field.

AGRI 3721 - Veterinary Diagnostic Lab

Credit Hours 1

Prerequisite: Sophomore standing and AGRI 3710/3711

Corequisite: AGRI 3720

Description: Laboratory Component--Continuation of developing skills within the field of veterinary medical science, using simulations and mock situations, as well as introduction to live patient handling. The students will begin to practice techniques involved in handling diagnostic equipment, venipuncture, safe animal restraint, and administration of a variety of treatments.

AGRI 3725 - Veterinary Technology Practical Experience I

Credit Hours 2

Prerequisite: Junior standing and admittance in the Vet Tech program;

Corequisite: AGRI 3720;

Description: Veterinary Technology students will practice technical skills, while gaining proficiency in physical exam, diagnostic sampling, and treatment techniques through hands-on learning and guidance by a veterinary technician or veterinarian. This course will introduce basic technical skills that will be expanded in future courses.

AGRI 3730 - Veterinary Terminology

Credit Hours 3

Description: The study of veterinary terminology -- including root word derivations and proper usage of terms.

AGRI 3740 - Veterinary Technology Dentistry

Credit Hours 1

Prerequisite: AGRI 3720

Description: The course develops a range of skills in dentistry from maintenance of equipment, radiology and anesthesia for animals and following up with client education.

AGRI 3750 - Veterinary Technology Business

Credit Hours 1

Prerequisite: AGRI 3710

Description: The course develops skills in management of veterinary facilities including skills for working with people, office and managerial duties, and focus on teamwork dynamics and compassion fatigue in regards to the veterinary profession.

AGRI 3900 - International Agriculture

Credit Hours 3

Description: This course is a study abroad course that will examine a range of relevant agricultural issues and topics that examine similarities and differences in agricultural practices in the United States compared with other countries around the world.

AGRI 4010 - Agriculture Seminar

Credit Hours 1

Prerequisite: Junior standing

Description: Preparation and presentation of reports on specially assigned current topics in agriculture.

AGRI 4020 - Agriculture Seminar

Credit Hours 1

Prerequisite: Junior standing

Description: Preparation and presentation of reports on specially assigned current topics in agriculture.

AGRI 4050 - Agricultural Policy and Trade

Credit Hours 3

Prerequisite: AGRI 2500 or 3500 or permission of instructor

Description: AGRI 4050 addresses the role of agriculture in the national economy; how agricultural policy decisions affect the general public; emphasis on economic impacts of policies on producers and consumers of agricultural products; effects of other nations' policies on American agriculture.

AGRI 4110 - Agro-Terrorism

Credit Hours 3

Prerequisite: Sophomore standing

Description: Threats to U.S. security involving the industry of Agriculture - including animal and plant diseases, toxic and explosive agriculture chemicals, invasive species, and natural disasters. Additional topics include surveillance, risk appraisal, protecting food supply and examples of terrorist types.

AGRI 4140 - Economic Entomology

Credit Hours 3

Prerequisite: BIOL 1010/1011 or 1110/1111 or equivalent or permission of instructor

Description: Characteristics, biology, identification and economic importance of prominent insect pest species, and introduction to integrated pest management concepts and sustainability.

AGRI 4210 - Soil Genesis, Taxonomy, Mapping

Credit Hours 2

Prerequisite: AGRI 2210/2211 or GEOL 3100/3101

Corequisite: AGRI 4211;

Description: Soil formation, morphology, profile description, classification, and mapping.

AGRI 4211 - Soil Genesis, Taxonomy, Mapping Lab

Credit Hours 2

Prerequisite: AGRI 2210/2211 or GEOL 3100/3101

Corequisite: AGRI 4210;

Description: : Laboratory component for soil formation, morphology, profile description, classification, and mapping.

AGRI 4220 - Soil and Water Conservation

Credit Hours 2

Prerequisite: AGRI 2210/2211 or GEOL 1040/1041

Corequisite: AGRI 4221

Description: Problems and methods of soil and water conservation; topography, water control structures, and farm planning for sustained use of land.

AGRI 4221 - Soil and Water Conservation Lab

Credit Hours 1

Prerequisite: AGRI 2210/2211 or GEOL 1040/1041

Corequisite: AGRI 4220;

Description: Laboratory component for problems and methods of soil and water conservation; topography, water control structures, and farm planning for sustained use of land.

AGRI 4230 - Land Use

Credit Hours 3

Prerequisite: Sophomore standing

Description: Use of land for agriculture, industry, recreation, urbanization, etc; environmental concerns, regional planning, use of soil surveys, and factors in decision-making.

AGRI 4310 - Reproduction in Farm Animals

Credit Hours 3

Prerequisite: AGRI 1310 and (BIOL 1010 / 1011 or BIOL 1110 / 1111)

Corequisite: AGRI 4311

Description: Anatomy, physiology, and endocrine control of the reproductive system of farm animals: the application of these principles to the management of livestock, artificial insemination, and embryo transfer.

AGRI 4311 - Reproduction in Farm Animals Lab

Credit Hours 1

Prerequisite: AGRI 1310, BIOL 1010/BIOL 1011

Corequisite: AGRI 4310;

Description: Laboratory component for anatomy, physiology, and endocrine control of the reproductive system of farm animals: the application of these principles to the management of livestock, artificial insemination, and embryo transfer.

AGRI 4350 - Horse Leg and Hoof Care

Credit Hours 2

Description: Basic anatomy and physiology of horse legs and feet. Equine conformation, movement and performance. Basic horseshoeing trimming techniques.

AGRI 4410 - Tobacco and Grain Crops

Credit Hours 3

Prerequisite: Sophomore standing

Description: Origin, history, classification, uses, and cultural practices of tobacco, wheat, corn, soybeans.

AGRI 4420 - Forestry

Credit Hours 2

Prerequisite: Sophomore standing

Corequisite: AGRI 4421;

Description: Introduction to forestry, reforestation, mensuration, harvesting, utilization, and wildlife conservation.

AGRI 4421 - Forestry Lab

Credit Hours 1

Prerequisite: Sophomore standing;

Corequisite: AGRI 4420;

Description: Laboratory component of an introduction to forestry, reforestation, mensuration, harvesting, utilization, and wildlife conservation.

AGRI 4430 - Genetics of Crops and Livestock

Credit Hours 3

Prerequisite: AGRI 1310, 1410 or permission of instructor;

Description: Mechanisms of heredity including Mendelian Principles, linkage, gene action, hybrids, mutation, and lethal genes with application to modern systems of breeding used in crops and livestock.

AGRI 4440 - Plant Pathology

Credit Hours 3

Prerequisite: Junior standing or permission of instructor;

Description: Identification, nature, and control of diseases of agricultural and garden crops. Control measures include chemical, biological, and cultural means.

AGRI 4450 - Honey Bee Biology and Beekeeping

Credit Hours 2

Description: An indepth study of the life-cycle of honey bees, including their biology, behavior, and communication, and an introduction to the techniques and necessary of equipment use in culturing honey bees for honey production and crop pollination.

AGRI 4451 - Honey Bee Biology and Beekeeping Lab

Credit Hours 1

Description: This course will cover the practical of beekeeping culture and production and will be taught in a hybrid format. It will include both an online component offered in an asynchronous format and an intensive hands-on-lab component.

AGRI 4500 - Farm Planning and Management

Credit Hours 3

Prerequisite: 12 credit hours in Agriculture or permission of instructor;

Corequisite: AGRI 4501;

Description: Organizing and operating the farm business with emphasis on allocation of land, labor, capital.

AGRI 4501 - Farm Planning and Management Lab

Credit Hours 1

Prerequisite: 12 credit hours in Agriculture or permission of instructor;

Corequisite: AGRI 4500;

Description: Laboratory component for organizing and operating the farm business with emphasis on allocation of land, labor, capital.

AGRI 4510 - Agricultural Finance

Credit Hours 3

Description: 4510 addresses financing challenges and opportunities in agriculture. The course discusses sources of finance, financing costs, analysis of investment opportunities, financial and risk management, liquidity, capital structure, growth of agricultural firms, and public policies affecting agricultural credit markets. Topics will address the special nature of farm lending in regards to crop and animal production.

AGRI 4610 - Cooperative Educational Experience

Credit Hours 5

Prerequisite: Approval of agriculture advisor and prior arrangement with employer;

Description: Learning experience acquired through supervised full-time salaried employment with an agricultural business or agency. Grading on Pass/Fail only.

AGRI 4620 - Cooperative Educational Experience

Credit Hours 5

Prerequisite: Approval of agriculture advisor and prior arrangement with employer;

Description: Learning experience acquired through supervised full-time salaried employment with an agricultural business or agency. Grading on Pass/Fail only.

AGRI 4710 - Veterinary Technology Medical Nursing and Critical Care

Credit Hours 3

Prerequisite: AGRI 3720/3721 , senior standing, and admittance in Vet Tech program;

Corequisite: AGRI 4711;

Description: The study of veterinary medical concept for veterinary technology students, including traditional medical nursing, emergency and critical care of multiple species, such as companion, livestock, and exotic animals. Students will also learn proper diagnostic sampling, therapeutic techniques, physical therapy, wound management, alternative medical nursing, and intensive care therapies.

AGRI 4711 - Veterinary Technology Medical Nursing and Critical Care Lab

Credit Hours 1

Prerequisite: AGRI 3720/3721, senior standing, and admittance in Vet Tech program;

Corequisite: AGRI 4710;

Description: Laboratory component for the study of veterinary medical concept for veterinary technology students, including traditional medical nursing, emergency and critical care of multiple species, such as companion, livestock, and exotic animals. Students will also learn proper diagnostic sampling, therapeutic techniques, physical therapy, wound management, alternative medical nursing, and intensive care therapies.

AGRI 4715 - Veterinary Technology Clinical Experience I

Credit Hours 2

Prerequisite: Senior standing, admittance in Vet Tech program and approval of veterinary clinical location choice by advisor and prior arrangement with agency;

Description: Veterinary technology students will practice technical skills while expanding proficiency in physical exam, diagnostic sampling, and treatment techniques. Students will also develop medical nursing skills, emergency and critical care skills; and home communication skills through hands-on learning, in a veterinary clinical setting of student choosing (with advisor approval).

AGRI 4720 - Veterinary Technology Surgical Nursing and Pharmacology

Credit Hours 3

Prerequisite: AGRI 4710/4711, senior standing;

Corequisite: AGRI 4721;

Description: The study of veterinary medical concepts for veterinary technology students, including surgical nursing and pharmacology topics. Topics will include surgical instrumentation and aseptic technique; small and large surgical nursing; veterinary dentistry; anesthesia; and pain management.

AGRI 4721 - Veterinary Technology Surgical Nursing and Pharmacology Lab

Credit Hours 1

Prerequisite: AGRI 4710/4711, senior standing;

Corequisite: AGRI 4720;

Description: Laboratory component for the study of veterinary medical concepts for veterinary technology students, including surgical nursing and pharmacology topics. Topics will include surgical instrumentation and aseptic technique; small and large surgical nursing; veterinary dentistry; anesthesia; and pain management.

AGRI 4725 - Veterinary Technology Clinical Experience II

Credit Hours 3

Prerequisite: Senior standing, admittance in Vet Tech program and approval of veterinary clinical location choice by advisor and prior arrangement with agency;

Description: Veterinary technology students will practice technical and communication skills, and build on techniques learned in AGRI 4715, as well as, develop mastery of large and small animal surgical nursing; aseptic techniques; surgical assisting; anesthesia, pain management, and other pharmacological therapies; through hands-on learning in a veterinary clinical setting of student choosing (with advisor approval).

AGRI 4730 - Veterinary Applications

Credit Hours

Prerequisite: Junior standing; AGRI 1310, , 3730

Description: Exploration of veterinary career options in a transformative learning environment involving lecture and hands-on, veterinarian-guided experiences: focusing on animal handling and safety protocols; animal husbandry techniques; basic

diagnostic procedures; analyzing theoretical and actual case studies; as well as, evaluation of challenges facing veterinary medicine professionals.

AGRI 4740 - Veterinary Technology Pharmacological Therapies

Credit Hours 2

Variable Credit Hours 2

Prerequisite: AGRI 3720

Description: The course covers the use and application of several types of veterinary drugs as well as pharmacokinetics, pharmacodynamics, clinical use, dosage forms, and adverse effects. Techniques learned will include dosage calculation and administration as well as client communication.

AGRI 4750 - Preparation for the VTN Exam

Credit Hours 1

Prerequisite: AGRI 3720

Description: Overall curriculum review to make sure students are prepared for the Veterinary Technician National Exam (VTNE).

AGRI 4910 - Special Problems

Credit Hours

Prerequisite: Permission of instructor

Description: May be repeated for credit.

AGRI 4920 - Special Problems II

Credit Hours 2

Prerequisite: Permission of instructor

Description: Independent special problems course which may have variable subject matter each term.

AGRI 4930 - Special Problems

Credit Hours 3

Prerequisite: Permission of Instructor

Description: Independent special problems course which may have variable subject matter each term

Allied Health Sciences

AHS 1010 - Introduction to Healthcare Professions

Credit Hours

Description: Introduction to the pursuit of health care careers. This course will provide the student with information on all of the health care related majors available at APSU to include academic requirements, career paths available upon graduation, and requirements for successful completion of these courses of study.

AHS 3100 - Medical Pseudoscience in Modern Culture

Credit Hours 3

Description: An honors course exploring alternative medicine, supplements, and anti-science movements in modern culture through the lens of peer reviewed scientific literature and its relationship to public health. Students will present modern topics from popular culture to research and scientifically defend positions on a variety of controversial or potentially controversial public health topics.

Art

ART 324X - Special Topics in Art History

Credit Hours 3

Prerequisite: ART 2010, 2020 or permission of instructor

Description: An in-depth study of selected topics in the history of art, including specific artists, stylistic movements, methodology, and/or art criticism. Topics to be announced. This course is reading and writing intensive. May earn up to a total of six hours of 324x courses.

ART 410X - Topics in Studio Art

Credit Hours 3

Prerequisite: Permission of instructor

Description: Concentrated study in a studio area. In-depth research on specific artists, movements, periods, current issues, and/or problems in studio art. Topics to be announced. May be repeated but credit is limited to three hours per topic.

ART 440I - Art Internship

Credit Hours 3

Course Changes: number from ART 4310

Prerequisite: Permission of instructor and chair

Description: On-the-job training for art students who have art-related job opportunities. May be repeated for a second three hours but may not be enrolled in for six hours concurrently.

ART 1035 - Introduction to Art

Credit Hours 3

Description: A study of the principles and elements of design, media and artistic processes; and the relationship and influences of the visual arts on the individual and culture.

ART 1045 - Drawing I

Credit Hours 3

Course Changes: title from ART 1040

Description: The fundamentals of drawing for visual arts.

ART 1050 - Drawing II

Credit Hours 3

Prerequisite: ART 1045

Description: Drawing the human form and study of anatomy in composition.

ART 1340 - Foundations Studio I

Credit Hours 3

Description: Fundamental experience in two-dimensional design, with emphasis on the elements and principles of design and creative development, and media skills training.

ART 1350 - Foundations Studio 2

Credit Hours 3

Description: Fundamental experiences in three-dimensional design, with emphasis on the elements and principles of design and creative development, and media skills training.

ART 1360 - Foundations Studio 3

Credit Hours 3

Description: An in-depth exploration of digital concepts and workflows for digital content creation. Students will explore artistic and technical concepts through various digital media. By the completion of the class, students will have confidence to take ownership over digital ideation, creation, workflows, and best practices.

ART 2010 - Art History, Survey I

Credit Hours 3

Description: A history of the visual arts, from cultures throughout the world from prehistory to 1300 C.E, that examines works of art within their social, political, economic, religious, technological, and philosophical contexts.

ART 2015 - Art History, Non-Western Survey

Credit Hours 3

Description: A history of the visual arts from cultures in Asia, Africa, Oceania, and the Indigenous Americas that examines works of art within their social, political, economic, religious, technological, and philosophical contexts.

ART 2020 - Art History, Survey II

Credit Hours 3

Description: A history of the visual arts, from cultures throughout the world from the 13th to the 21st centuries, that examines works of art within their social, political, economic, religious, technological, and philosophical contexts.

ART 2030 - Printmaking I

Credit Hours 3

Prerequisite: ART 1340, 1045, 1360

Description: The study and practice of relief and intaglio printmaking techniques with an emphasis on the development of hand skills and basic inking and printing methods.

ART 2040 - Painting I

Credit Hours 3

Prerequisite: ART 1340, 1045, 1350 or permission of instructor;

Description: An investigation of material and techniques in acrylic painting. The fundamentals of pictorial composition using tone and color with emphasis on the individual creative expression.

ART 2041 - Painting for Non-Majors

Credit Hours 3

Description: This course for non-majors is an investigation of material and techniques in acrylic painting. It will explore the fundamentals of pictorial composition using tone and color with emphasis on the individual creative expression.

ART 2050 - Ceramics I

Credit Hours 3

Prerequisite: ART 1045, 1340, and 1350

Description: Introduction to fundamental ceramic processes and techniques to create utilitarian objects and sculpture. Instruction on potter's wheel, coil, slab, and pinch construction methods and glaze decoration.

ART 2051 - Ceramics I for Non-Majors

Credit Hours 3

Description: Introduction to fundamental ceramic processes and techniques to create utilitarian objects and sculpture. Instruction on potter's wheel, coil, slab, and pinch construction methods and glaze decoration.

ART 2070 - Sculpture I

Credit Hours 3

Prerequisite: ART 1340, 1045, 1350

Description: An introduction to sculptural processes with a focus on skill-building, conceptual development, and creative expression in three dimensions. Materials and techniques may include textiles and soft sculpture, mixed media assemblage, installation, mold making, glass casting, welding, and basic wood construction.

ART 2080 - Photo I for Non-Art Majors

Credit Hours 3

Description: Overview of digital capture, editing, and printing aspects of photography. Students will be introduced to the professional editing techniques as well as inkjet printing through hands-on activities.

ART 2090 - Photography I

Credit Hours 3

Prerequisite: ART 1045, 1340, 1360;

Description: Overview of digital capture, editing, and printing aspects of photography. Students will be introduced to professional editing techniques as well as inkjet printing through hands-on activities.

ART 2170 - Video Art I

Credit Hours 3

Prerequisite: ART 1340, 1350, and 1360

Description: Introduction to the practical, aesthetic, and theoretical concepts that surround the application of sound, video and motion in creative artistic practice.

ART 2180 - Illustration I

Credit Hours 3

Prerequisite: ART 1340, 1045, 1050 or permission of instructor;

Description: Exploring the invention of images related to visual communications and illustration techniques. Emphasis will be placed on research, conceptualization, and visualization processes as they related to graphic design.

ART 2320 - Graphic Design I

Credit Hours 3

Prerequisite: ART 1340, 1045, 1360;

Description: Graphic design fundamentals and layout techniques, design of comprehensives, commercial craftsmanship, and image making.

ART 2410 - Animation I

Credit Hours 3

Prerequisite: ART 1045, 1340, 1360;

Description: An overview of animation principles, theory, and techniques. Student will put theory into practice by animating projects in several different styles and mediums.

ART 2420 - Digital 3D

Credit Hours 3

Prerequisite: ART 1045, 1350, 1360;

Description: An introduction to the world of 3D computer generated content creation. Students will explore the concepts and principles behind creating quality 3D assets while emphasizing their connection to the creative thought process. Students will gain an overview of the artist workflow as it relates to modeling, texturing, animation, lighting, and rendering.

ART 2520 - Typography I

Credit Hours 3

Prerequisite: ART 1340, ART 1045, 1360;

Description: An introduction to basic layout with type, type design, study of styles, and history of typography.

ART 3030 - Book Arts

Credit Hours 3

Prerequisite: ART 1340 , ART 1350 and ART 1360 ,

Description: This course is an introduction to book arts and related media. In the course, we will explore the history of books as a tool for disseminating knowledge as well as a form of art that is both sequential and sculptural. The focus on presenting writing through type aligns the goals of this class with creative writing, and students are encouraged to explore both independent as well

as established texts within their work. A range of technical exercises will familiarize students with tools, vocabularies, and procedures that will ultimately serve in the creation of unique expressions of art through book, image, and text.

ART 3090 - Collage and the Found Image

Credit Hours 3

Prerequisite: ART 1050, 1045, 1340 or permission of instructor;

Description: Studio experience using found imagery (and objects) in the visual arts, with an emphasis on precedents in the 20th and 21st centuries as models for studio production.

ART 3140 - Art Education I

Credit Hours 3

Description: Concepts of art education in public school programs; laboratory experiments in media and techniques; and child development and learning based on visual experiences. Methods of teaching at elementary grade level.

ART 3150 - Art Education II

Credit Hours 3

Prerequisite: ART 3140

Description: Study of the nature and practice of the art specialist in the teaching-learning situation. Planning educational objective, units for learning, methods of evaluation and administration of art programs in public schools. Includes 10 hours of classroom observation.

ART 3160 - Art Education III

Credit Hours 3

Prerequisite: ART 3150

Description: Study of recent research findings in Art Education. Students study the history of art education and complete a comprehensive plan for a course of study in criticism of art objects. Includes 15 hours of classroom observation.

ART 3170 - Video Art II

Credit Hours 3

Prerequisite: ART 2170

Description: Specialized course in the use and understanding of advanced digital imaging programs with an emphasis on motion and time. MacIntosh platform programs approached with studio art applications.

ART 3195 - Darkroom Photography

Credit Hours 3

Prerequisite: ART 2080 or ART 2090

Description: Introduction to traditional photography workflows using analog cameras. Introduction to film processes and darkroom procedures.

ART 3200 - History of American Art

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ART 2020 or permission of instructor

Description: A contextual study of the achievements in painting, printmaking, sculpture, and photography in the United States from the Colonial 17th century through the 1930s Great Depression. This course is reading and writing intensive.

ART 3210 - History of Italian Renaissance Art

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ART 2020 or permission of instructor

Description: Study of the context, meaning, and style of art and architecture of the High and Late Renaissance in Italy from c. 1470 to 1570 with a focus on the life and artworks of Leonardo, Raphael, Michelangelo, and Titian. This course is reading and writing intensive.

ART 3220 - History of Modern Art in Europe

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ART 2020 or permission of instructor

Description: Study of major developments in European painting, sculpture, photography, and printmaking from the 1850s through WWII. This course is reading and writing intensive.

ART 3230 - History of Contemporary Art

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ART 2010 or ART 2015 or ART 2020

Description: Study of major themes and criticism as a context for painting, printmaking, sculpture, photography, performance art, and multi-media work since the 1950s. This course is reading and writing intensive.

ART 3240 - Art History of Photography

Credit Hours 3

Prerequisite: ART 2020 or 2090 or permission of instructor

Description: A study of the invention and development of photographic processes and styles from a socio-historical stance for an understanding of photography's place in history, art history, and the history of communication. This course is reading and writing intensive.

ART 3250 - Native American Visual Culture

Credit Hours 3

Prerequisite: 2 from ART 2010, ART 2015, ART 2020

Description: This course focuses on the historical and cultural significance, function, meaning, and style of artifacts, ceremonial and traditional visual expressions, and contemporary artworks made by indigenous North Americans in the present-day continental US and Canada. This course is reading and writing intensive.

ART 3270 - History of Graphic Design

Credit Hours 3

Prerequisite: ART 2020 or 2320 or 2520 or permission of instructor

Description: Study of visible language and visual communication in graphic arts and design. Emphasis will be placed on art historical developments as they relate to graphic design in the 20th century. This course is reading and writing intensive.

ART 3280 - History of Baroque Art

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ART 2020 or permission of instructor

Description: Study of the context, meaning, and style of artworks of the Baroque Period in continental Europe from roughly 1600 to 1750 with a focus on paintings and sculpture from Italy and the Dutch Republic. This course is reading and writing intensive.

ART 3340 - Drawing III

Credit Hours 3

Prerequisite: ART 1050, 1045, 1340;

Description: Use of drawing media for creative image making.

ART 3370 - Web Design

Credit Hours 3

Prerequisite: ART 1045, 1340, 1360

Description: Focus on the design of internet sites. Emphasis placed on the visual design, navigation development, communication, and authoring websites.

ART 3410 - Animation II

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ART 2410 with a grade of "C" or higher

Description: A continued study of animation principles, with an emphasis on 3D animation techniques. Students will learn effective workflows and character animation techniques used in professional studio environments.

ART 3420 - Visual Effects

Credit Hours 3

Prerequisite: ART 1045, 1340, 1360;

Description: An introduction to visual effects principles. Students will be exposed to the primary concepts needed for successfully composing images as used in film, visual effects, and animation.

ART 3430 - Printmaking II

Credit Hours 3

Prerequisite: ART 2030 or permission of instructor;

Description: The study and practice of photo-mechanical processes as they relate to printmaking. Techniques will include photo-silkscreen and various print formats using traditional and experimental image-making methods.

ART 3440 - Painting II

Credit Hours 3

Prerequisite: ART 2040 or ART 2041

Description: A continuation of any painting media, with emphasis on pursuit of individual direction, historical precedents, and the examination of diverse pictorial strategies .

ART 3450 - Ceramic Sculpture

Credit Hours 3

Prerequisite: ART 1350, 1045

Description: Use of clay bodies to construct sculpture forms utilizing slab, modeling, coil, cast, thrown, extruded or experimental forming techniques to make creative statements in sculpture.

ART 3460 - Visual Effects II

Credit Hours 3

Prerequisite: ART 3420 with a grade of "C" or higher

Description: A continued study of the principles of visual effects shot creation. Students will learn advanced techniques and workflows to produce more complex visual effects shots.

ART 3520 - Typography II

Credit Hours 3

Prerequisite: ART 2520, 2320;

Description: Advanced study in typographic design and layout including typeface design, complex systems of type hierarchy, and the application of type to digital and print media.

ART 3530 - Printmaking III

Credit Hours 3

Prerequisite: ART 2030 or permission of instructor;

Description: The study and practices of experimental and fine press printmaking. Techniques may include letterpress, lithography, and etching with an emphasis on developing skills beyond the introductory level, creating complex design, and concept through media.

ART 3540 - Drawing IV, Thematic Development Drawing

Credit Hours 3

Prerequisite: ART 2010, 2020, 3340

Description: An advanced drawing course in which students develop and explore self-directed serial imagery, and examine their work in both an historical and contemporary critical context.

ART 3555 - Ceramic Slip Casting

Credit Hours 3

Prerequisite: ART 2050 or ART 2051 or permission of instructor

Description: Introduction to mold making and slip casting processes and techniques to create ceramic objects with an industrial design approach. Study of contemporary ceramic art and design using the casting method.

ART 3560 - Painting, Watermedia

Credit Hours 3

Prerequisite: ART 2040 or ART 2041

Description: Explore the concepts and techniques of pictorial composition using ink, watercolor, and gouache in works on paper.

ART 3570 - Sculpture II

Credit Hours 3

Prerequisite: ART 2070

Description: A continuation of Sculpture I with emphasis on personal artistic development in combining media and techniques in sculptural forms.

ART 3590 - Photo Lighting Studio

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ART 2080 or ART 2090

Description: Practical studio lighting as a main tool to serve conceptual ideas of students from all areas. Class will focus on portrait and product photography and a deeper understanding of light and advanced editing tools to create industry-standard levels of quality.

ART 3650 - Ceramics II

Credit Hours 3

Prerequisite: ART 1350, 2050 or permission of instructor

Description: A continued study of ceramic processes and techniques to create utilitarian and sculptural objects with clay. Students will learn advanced throwing and hand-building techniques, surface decoration, tile making, and mold making.

ART 3900 - Studio Study Abroad

Credit Hours 3

Description: This course is in conjunction with a university-led trip overseas. Students will complete studio and/or graphic design assignments in conjunction with visits to museums and historical sites. Repeatable up to 6 credit hours.

ART 3910 - Art and Design History Study Abroad

Credit Hours 3

Description: This course is in conjunction with a university-led trip overseas. Students will complete advanced art historical study through visits to museums and historical sites. Repeatable up to 6 credit hours.

ART 3940 - Form and Idea

Credit Hours 3

Prerequisite: ART 1340, 1350, 1045;

Description: Concentrated study for all media integrating intent through material processes. Study towards the development of independent work through research, linked thematic projects, critique, and written statements of intent. May be repeated for a total of six hours in a subsequent semester.

ART 4040 - Painting III

Credit Hours 3

Prerequisite: ART 3440 or ART 3560

Description: Advanced studio experiences for painters, exploring content, techniques, and mediums employed by contemporary artists. Studies in professional portfolio development for painters, and technical preparations and display of works on panel and canvas.

ART 4050 - Ceramics III

Credit Hours 3

Prerequisite: ART 3650 or permission of instructor

Description: Advanced study in conceptual development with clay, glaze formulation, and experimentation of material to expand a personal, artistic voice. Individual research on contemporary ceramic art, design, glaze, and surface development is included.

ART 4070 - Sculpture III

Credit Hours 3

Prerequisite: ART 2070

Description: This course will focus on critical thinking, creative problem solving, and development of a personal visual vocabulary. Students will research contemporary issues in sculpture and use those ideas in the development of their personal work.

ART 4080 - Illustration II

Credit Hours 3

Prerequisite: ART 2180

Description: Focus on the development of a personal technique, style, posture and vocabulary. Emphasis will be on images that concentrate on book and editorial illustration.

ART 4085 - Illustration III

Credit Hours 3

Prerequisite: ART 4080

Description: Advanced studio experience for illustrators. Topics will include the relationship of image to text, narrative development, and self-directed imagery.

ART 4090 - Problems in Art

Credit Hours 3

Prerequisite: Permission of instructor

Description: A continuation of work in a specific media under the direction of an instructor in a scheduled class. May be repeated for a second three hours but may not be enrolled in for six hours concurrently.

ART 4120 - Graphic Design II

Credit Hours 3

Prerequisite: ART 2320, 2520;

Description: Intermediate study and skill development in the visual elements and media used in layout and design development for comprehensives.

ART 4125 - Graphic Design III

Credit Hours 3

Prerequisite: ART 2520, 4120

Description: Advanced study and skill development in the visual elements and media used in layout and design development for comprehensives.

ART 4130 - Design Center

Credit Hours 3

Prerequisite: ART 2520, 4120

Description: This advanced graphic design course provides students with an opportunity to work with clients in the non-profit sector on all aspects of visual communication projects. As in the design industry, students will have the opportunity to use their technical and conceptual skills within a team format.

ART 4150 - Senior Thesis I

Credit Hours 3

Prerequisite: Must earn a passing test score at the Portfolio Review.

Description: A lecture/lab course focused on creating and critiquing a substantial body of work (i.e., thesis) for students' senior exhibitions or final portfolios. Students will select faculty mentors to oversee their studio work. This course may not be taken simultaneously with ART 4160.

ART 4155 - Design Portfolio

Credit Hours 3

Prerequisite: ART 3370, ART 4120, and must earn a passing test score at the Portfolio Review.

Description: Design Portfolio provides one half of the capstone experience that is specific to the discipline of graphic design including the development and application of a professional portfolio. Cannot be enrolled concurrently with ART 4165.

ART 4160 - Senior Thesis II

Credit Hours 3

Prerequisite: ART 4150 and test score

Description: A capstone course for BFA Majors that focuses on the business of art by directing students to define their professional goals, discuss career options, and develop a professional portfolio. Students continue independent work with their faculty mentors. Students will present a final exhibition of work that is representative of their course of study.

ART 4165 - Design Showcase

Credit Hours 3

Prerequisite: ART 3370 , ART 4120 , and must earn a passing test score at the Portfolio Review.

Description: Design Showcase provides one half of the capstone experience that is specific to graphic design including a semester-long, independent, design research project. Cannot be concurrently enrolled with ART 4155.

ART 4170 - Video Art III

Credit Hours 3

Prerequisite: ART 3170 Video Art II

Description: Advanced projects and individual inquiries in time-based art to further develop conceptual and technical skills in the medium.

ART 4190 - Advanced Photography

Credit Hours 3

Prerequisite: ART 3195 and ART 3590

Description: Advanced exploration of traditional and/or digital photography. Student led projects will introduce interdisciplinary practices and collaborations.

ART 4200 - Art History Thesis

Credit Hours 3

Prerequisite: Student must be a senior (have completed 90 credit hours)

Description: This capstone research class is designed as a culmination of art historical study that is an applied demonstration of what the student has learned. Students will produce a major research project under the supervision of a mentor.

ART 4250 - Animation Production Studio

Credit Hours 3

Prerequisite: ART 1050 , ART 3410 with a grade of "C" or higher, and ART 3420 with a grade of "C" or higher

Description: An exploration of the collaborative nature of animation and visual effects work. Students will create projects in a simulated studio environment and pipeline, with a focus on professional best practices and preparing students for communication, collaboration, and creative workflows.

ART 4260 - Animation VFX Portfolio

Credit Hours 3

Prerequisite: ART 1050, ART 3410 with a grade of "C" or higher, and ART 3420 with a grade of "C" or higher

Description: Students will create a senior capstone project that allows them to research, design, and execute a high quality portfolio-ready project. The student will leave with in-depth knowledge in a specific area of interest within Animation and Visual Effects.

ART 4370 - Web Design II

Credit Hours 3

Prerequisite: ART 3370

Description: An advanced study and skill development in the visual elements and media used in web design.

ART 4410 - Animation III

Credit Hours 3

Prerequisite: ART 3410 with a grade of "C" or higher

Description: Continued exploration of animation theory and practice. Students will employ different styles and media of the discipline.

ART 4444 - Advanced Problem Solving in Graphic Design

Credit Hours 3

Prerequisite: Permission of instructor;

Description: A continuation of advanced study and skill development in the area of graphic design. In-depth research on specific designers, movements, current issues, and/or problems related to graphic design. May be repeated for a second three hours but may not be enrolled in for six hours concurrently.

CECA 3010 - Artists in the Community

Credit Hours 3

Prerequisite: Junior standing and permission of instructor

Description: An introduction to arts outreach, including its role in and programming for the community. Students will receive training and experience creating effective outreach programs and will collaborate with students and faculty from other artistic disciplines as they prepare and deliver arts outreach presentations for various off-campus venues.

Asia

ASIA 1001 - Japan through Manga and Anime

Credit Hours 3

Description: Manga and anime provide a popular window into Japanese culture and language. Designed for the beginner, this class allows students to explore Japan through these popular mediums.

Astronomy

ASTR 1010 - Planetary Astronomy

Credit Hours 3

Prerequisite: Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.

Corequisite: ASTR 1011;

Description: Planetary astronomy covers the the tools and methods of astronomy including celestial observation, light and other types of radiation, telescopes and spectroscopy, as well as the planets and their moons, planetary geology, and the origin of the solar system. Basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing are applied throughout the course.

ASTR 1011 - Planetary Astronomy Lab

Credit Hours 1

Prerequisite: Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.

Corequisite: ASTR 1010;

Description: Laboratory to accompany ASTR 1010. Laboratory exercises are designed to complement and supplement key concepts covered in ASTR 1010. The ability to use basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing is required.

ASTR 1020 - Stellar Astronomy

Credit Hours 3

Prerequisite: Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.

Corequisite: ASTR 1021

Description: Stellar astronomy covers the tools and methods of astronomy including locating and naming stars and constellations, light and other radiation, telescopes and spectroscopy as well as topics such as the Sun, star birth, star life, star death, pulsars, black holes, galaxies, quasars and cosmology. Basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing are applied throughout the course.

ASTR 1021 - Stellar Astronomy Lab

Credit Hours 1

Prerequisite: Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.

Corequisite: ASTR 1020;

Description: Laboratory to accompany ASTR 1020. Laboratory exercises are designed to complement and supplement key concepts covered in ASTR 1020. The ability to use basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing is required.

ASTR 3010 - History of Astronomy

Credit Hours 3

Prerequisite: ASTR 1010/1011, 1020/1021

Description: This course examines the historical development of the science of astronomy. Beginning with the ancient cultures and their religious associations with astronomy through the philosophies of the ancient Greeks and moving into the renaissance era with Copernicus, Kepler, Galileo and finally Newton. The course concludes with the modern era and the development of modern theories in astronomy and astrophysics.

ASTR 3020 - Cosmology

Credit Hours 3

Prerequisite: MATH 1110 or higher, ASTR 1010/1011, 1020/1021

Description: This course examines current theories on the origin and evolution of the universe. The subjects of the course will include the Big Bang theory, cosmological inflation, dark matter, dark energy and the final fate of the universe.

ASTR 3030 - Observational Methods

Credit Hours 2

Prerequisite: MATH 1710 or higher and ASTR 1020/1021

Corequisite: ASTR 3031;

Description: Detailed introduction to the investigation methods used in modern observational astronomy. Includes astronomical sources, observational limits, atmospheric effects, use of telescopes and instruments, especially spectrographs and solid-state detectors. The lab portion will involve a significant number of nighttime observing hours each week. Students will learn the constellations and stars of the night sky. They will learn to set up, align, and use several different types of telescopes. They will make observations and collect CCD images to extract science data.

ASTR 3031 - Observational Methods Lab

Credit Hours 2

Prerequisite: MATH 1710 or higher; and ASTR 1020/1021

Corequisite: ASTR 3030

Description: Detailed introduction to the investigation methods used in modern observational astronomy. Includes astronomical sources, observational limits, atmospheric effects, use of telescopes and instruments, especially spectrographs and solidstate detectors. The lab portion will involve a significant number of nighttime observing hours each week. Students will learn the constellations and stars of the night sky. They will learn to set up, align, and use several different types of telescopes. They will make observations and collect and reduce CCD images to extract science data.

ASTR 3040 - Astrobiology

Credit Hours 3

Prerequisite: A core math course. At least one course (but two is recommended) in Astronomy, Biology, Chemistry, Physics or Geology is required.

Description: Introduction to Astrobiology. Topics include the formation of stars and planets, stellar habitable zones, properties of life, origin and evolution of life on Earth, the search for life elsewhere in the Universe, mass extinctions, extremophiles, space missions, SETI, Drake equation. Designed for non-science, liberal arts majors.

ASTR 3500 - Astrophotography

Credit Hours 1

Prerequisite: ASTR 1010/1011, 1020/1021

Corequisite: ASTR 3501

Description: This course will involve a significant number of night time observing hours each week. Students will learn the fundamentals of astrophotography using web cams, digital, CCD and video cameras and the techniques of image processing for scientific and esthetic value. A basic knowledge of photography, either 35mm or digital is essential for successful completion of this course.

ASTR 3501 - Astrophotography Lab

Credit Hours 2

Prerequisite: ASTR 1010/1011, ASTR 1020/1021

Corequisite: ASTR 3500

Description: Laboratory component for ASTR 3500 involving a significant number of night time observing hours each week. Students will learn the fundamentals of astrophotography using web cams, digital, CCD and video cameras and the techniques of image processing for scientific and esthetic value. A basic knowledge of photography, either 35mm or digital is essential for successful completion of this course.

ASTR 4010 - Astrophysics I: Introduction to Stellar Structure and Evolution

Credit Hours 3

Prerequisite: ASTR 1020/1021, PHYS 2120/2121; and (MATH 3120 or ENGR 3005)

Description: Introduces the physics of the sun and stars. Includes properties of EM radiation, stellar distances and magnitudes, radioactive transfer, the sun, the ISM and star formation, stellar evolution, stellar endpoints and variable stars.

ASTR 4020 - Astrophysics II: Galactic Structure and Cosmology

Credit Hours 3

Prerequisite: ASTR 4010

Description: Includes galactic coordinates, galactic rotation curves, N-body concepts and the virial theorem, galactic formation and evolution, external galaxies, galaxy cluster evolution, Hubble's law and the distance scale, large-scale structure, cosmology and the particle physics connection.

ASTR 4150 - Special Topics in Astronomy

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: 6 hours of upper-level ASTR, PHYS, and/or ENGR and permission of instructor

Description: Selected topics of interest in advanced astronomy. Topics to be chosen by the instructor. May be repeated for different topics for a total of up to 9 credit hours.

ASTR 4151 - Research in Astronomy

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: 6 hours of upper-level ASTR, PHYS, and/or ENGR and permission of instructor

Description: Research activities in astronomy agreed on by the students and instructor which may emphasize lab techniques or data acquisition and analysis. Written and oral reports are required. May be repeated for a total of up to 9 credit hours.

ASTR 4950 - Independent Study in Astronomy

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: 6 hours of upper-level ASTR, PHYS, and/or ENGR and permission of instructor

Description: Current topics in astronomy. Topics to be chosen by student. Subject to be approved by instructor. May be repeated with permission of instructor up to a total of 9 credit hours.

Automotive Engineering Technology

AET 2600 - Production Mechanics

Credit Hours 3

Prerequisite: Instructor approval

Description: Line and simulated work on all phases of automobile mechanics.

AET 2630 - Introduction to Hybrid Vehicles

Credit Hours 3

Description: Introduction to Hybrid Vehicle propulsion systems. Hybrid vehicle designs, fundamentals of 3 phase permanent magnet and AC induction, motor/generator systems. Fundamentals of high voltage battery pack and energy management systems. Introduction to hybrid vehicle systems diagnosis, service, and repair.

ENGT 1010 - Introduction to Automotive Engineering and Repair Technology

Credit Hours 3

Description: Overview of automobile design, performance, and repair criteria to include existing and proposed government regulations affecting design and performance. An overview of industry safety requirements and environmental concerns.

ENGT 1310 - Automotive Engine

Credit Hours 3

Description: Overview of motor vehicles and the engine as vehicle prime mover. Gasoline and diesel engines; turbine engines; thermodynamic cycles. Design and construction of internal combustion engine components; engine dynamics. Fuel and lubrication systems. Routine maintenance, testing, diagnosing problems, repairs and adjustments.

ENGT 1360 - Automotive Power Train Systems

Credit Hours 3

Description: Principles and function of conventional automotive power train systems: clutches, manual transmissions, fluid couplings and torque converters, automatic transmissions, power transfer coupling devices, differentials, and axles. Basic dynamics of power transmission. Routine maintenance, testing, diagnosing problems, repairs and adjustments.

ENGT 1410 - Automotive Braking, Chassis, Suspension and Steering Systems

Credit Hours 3

Description: Principles and function components and systems for braking, suspension, and steering. Basic dynamics of systems and components. Hydraulic, electrical, and air brake systems. Alignment and effect of alignment specifications on vehicle performance. Diagnosis and repair of braking, alignment, and other problems.

ENGT 1460 - Automotive Electrical and HVAC Systems

Credit Hours 3

Prerequisite:

Description: Fundamentals of automotive electrical systems. Principles of electricity; electrical system components and schematics. Fundamentals of automotive heating, ventilating, and air conditioning (HVAC) systems. Refrigerants and refrigeration cycles; major system components. Diagnosing and correcting electrical and HVAC system faults.

ENGT 2310 - Automotive Electronic Systems

Credit Hours 3

Prerequisite: ENGT 1460

Description: Theory and application of electronic systems in automobiles. Microprocessor-based control modules, sensors, and other elements; engine, transmission, emissions, and other control applications. Electronic communication, navigation, and entertainment systems. Program diagnosis and repair of electronic systems.

ENGT 2550 - Computerization and Systems Monitoring

Credit Hours 3

Prerequisite: ENGT 2310

Description: Theory, diagnosis and repair procedures of computerized engine components used for reduction of automobile emissions, and various electronic systems for control and data readout of specialized processes.

ENGT 2590 - Advanced Automotive Transmissions

Credit Hours 3

Prerequisite: Instructor approval

Description: Troubleshooting and overhaul procedures on hydraulically operated transmission and transaxles; torque converters; fluid couplings; and computerized transmissions and transaxle system controls.

Aviation

AVI 1000 - Introduction to Aviation Science

Credit Hours 3

Description: The evolution of the aviation industry from its beginnings. Topics addressed include significant aviation events and individuals, aircraft development, fundamentals of flight, deregulation, administrative bodies, organizations and commercial companies that have influenced and/or continue to shape the domestic and international aviation industry.

AVI 1010 - Small Unmanned Aircraft Systems Procedures and Regulations

Credit Hours 2

Description: This course will equip students with knowledge about the regulations and procedures governing the safe and legal operation of small unmanned aircraft systems. The scope of this course coincides with the knowledge areas in the Federal

Aviation Administration's Part 107 Airman Knowledge Exam for a Remote Pilot Certificate with an sUAS rating. The course is intended to prepare those who wish to become commercial sUAS pilots for the knowledge test.

AVI 1020 - Aviation Regulations

Credit Hours 3

Description: Preparation for flight operations within the FAA regulatory environment and interpretation of Federal Aviation Regulations. Emphasis will be placed on aviation regulatory organizations and application of regulations pertinent to basic pilot operations to include a review.

AVI 1040 - Private Pilot Operations

Credit Hours 3

Pre/Corequisite AVI 1020

Description: The study of aviation fundamentals as required by FAA regulations for students pursuing a Private Pilot certificate. Topics covered include aerodynamics, aircraft components and systems, weather, navigation systems and procedures, communication systems and procedures, human physiology, and FAA regulations as applicable to the Private Pilot.

AVI 1060 - Flight Navigation

Credit Hours 3

Pre/Corequisite AVI 1040

Description: The principles of dead reckoning and electronic methods of navigation as applied to flight planning and operations.

AVI 1100 - Rotor-Wing Private Pilot Lab I

Credit Hours 2

Prerequisite: AVI 1040

Pre/Corequisite AVI 1040

Description: Flight instructor assisted application of flight to include private pilot flight maneuvers, procedures & regulations associated with takeoff, cruise, traffic pattern operations, approach, emergencies, and cross-country operations. This course develops basic rotor wing flight skills necessary for the students' solo flights. Actual flight hours: 18.0

AVI 2000 - Instrument Flight Operations

Credit Hours 3

Prerequisite: AVI 1060

Description: Skills, knowledge and proficiency necessary to take the FAA Instrument Pilot Rating Practical Exam for rotor wing aircraft. Students will learn how to plan and execute missions under Instrument Flight Rules (IFR), and employ effective decision making.

AVI 2020 - Commercial Flight Operations

Credit Hours 3

Prerequisite: AVI 1060, 2100

Description: This course will develop requisite aeronautical skills, knowledge and proficiency to the standards necessary to take the FAA Commercial Pilot Practical Exam for Rotor Wing aircraft.

AVI 2100 - Rotor-Wing Private Pilot Lab II**Credit Hours 2**

Prerequisite: AVI 1100

Pre/Corequisite AVI 1060

Description: This course introduces the student to solo flights. Topics covered include airport operations, communications, aircraft start-up & shutdown, hover, taxi, take-off, landing, autorotation, various ground reference maneuvers, emergencies and aeronautical decision making. Students will conduct multiple solo flights for Private Pilot certification. Actual flight hours: 19.5.

AVI 2120 - Instrument Flight Operations Lab I**Credit Hours 2**

Prerequisite: AVI 2000

Description: Students demonstrate their ability to fly and navigate a rotor wing aircraft using only flight instruments. Students will learn to operate the aircraft without visual references under instrument flight rules (IFR). Actual flight hours: 17.5

AVI 2140 - Instrument Flight Operations Lab II**Credit Hours 2**

Prerequisite: AVI 2120

Description: In this continuation of AVI 2120, students will improve their ability to fly and navigate a rotor wing aircraft using only flight instruments. Students will learn to operate the aircraft without visual references under instrument flight rules (IFR) in a real ATC environment. Actual flight hours: 20.0

AVI 3000 - Flight Safety Management**Credit Hours 3**

Description: Application of safety management to flight operations, management, and flight training. OSHA, EPA, and FAA regulations will be discussed as applied to both on ground flight preparations and in-flight operations.

AVI 3020 - Aerodynamics**Credit Hours 3**

Variable Credit Hours 3

Prerequisite: PHYS 1010/1011

Description: Practical application of the laws of physics in the design and operation of aircraft. Specific topics covered include basic forces of flight, airplane and helicopter principles of operation, weight and balance, stability and control, effects of aerodynamics on high speed flight and aircraft design and testing.

AVI 3040 - Air Traffic Control

Credit Hours 3

Prerequisite: AVI 1000, 1020;

Description: An overview of the Air Traffic Control System, procedures and policies used in national and international airspace.

AVI 3060 - Rotor-Wing Aircraft Design

Credit Hours 3

Variable Credit Hours 3

Prerequisite: PHYS 1010/1011

Description: This course provides a study of the design, construction, and theory of operation of basic systems common to rotary-wing aircraft. Topics covered include power plant, flight control, fuel, hydraulic, lubrication, airframe, landing gear, instrumentation and electrical systems.

AVI 3070 - Certified Flight Instructor

Credit Hours 3

Description: The study of flight instruction fundamentals as required by FAA regulations for students pursuing a Certified Flight Instructor rating. Topics covered include learning theory and styles, the teaching process, communication, instructional techniques, lesson plans, performance evaluation, aeronautical decision making, flight safety and regulations.

AVI 3080 - Aviation Meteorology

Credit Hours 3

Description: A study of atmospheric conditions and their related effects on aeronautical operations. Topics covered include basic meteorological principles/physics, atmospheric properties, weather developmental patterns and associated aviation hazards including thunderstorms, wind shear, turbulence, icing and low visibility, weather observation and forecasting resources, and understanding weather information.

AVI 3090 - Prime Mover Technologies

Credit Hours 3

Pre/Corequisite AVI 3060

Description: A study of Prime Movers used as the power plant in rotor wing aircraft. Engineering and design of reciprocating, and turbine engines, to include advantages and limitations of both reciprocating and turbine designs, and the application of multiple power plants to a single aircraft.

AVI 3100 - Commercial Flight Operations Lab 1

Credit Hours 2

Prerequisite: AVI 2140

Pre/Corequisite AVI 2020

Description: Students will demonstrate their navigation skills necessary for long distance flights. Multiple flights will be

conducted where students must use the navigation skills learned from AVI 1060 to locate a specific coordinate and execute a flight plan to the specific coordinate. Actual flight hours: 20.5

AVI 3120 - Commercial Flight Operations Lab II

Credit Hours 2

Prerequisite: AVI 3090

Description: Students will demonstrate their navigation skills necessary for long distance flights. Multiple flights will be conducted where students must use the navigation skills learned from AVI 1060 to locate a specific coordinate and execute a flight plan to the specific coordinate. Actual flight hours: 27.5

AVI 3140 - Certified Flight Instructor Lab I

Credit Hours 2

Prerequisite: AVI 3070

Description: The student will act as a flight instructor where a CFI is onboard as a student. Students will be required to demonstrate their ability to teach rotor wing aircraft preparation for flight, lift-off procedures, hovering, turns, autorotation, and landing. Actual flight hours: 13.5

AVI 3160 - Certified Flight Instructor II

Credit Hours 2

Prerequisite: AVI 3140

Description: Continuation of AVI 3140 where the student demonstrates the ability to teach advanced flight operations and maneuvers.

AVI 4000 - Certified Flight Instructor Instrument

Credit Hours 3

Prerequisite: AVI 3070

Description: Develop skills, knowledge and proficiency necessary to take the FAA CFII Practical Exam for helicopter. Students will learn how to develop and execute a lesson plan, perform and instruct all maneuvers required of an Instrument Rated Pilot, identify and correct student errors, and employ effective decision making.

AVI 4020 - Night Vision Systems

Credit Hours 3

Prerequisite: PHYS 1010 / PHYS 1011

Description: A comprehensive review of processes and devices used for night vision during flight operations. Available technologies and devices will be discussed as well as limitations and delimitations associated with their use.

AVI 4040 - Mountain Flight Operations

Credit Hours 3**Prerequisite:** AVI 3080**Pre/Corequisite** AVI 3000**Description:** Students will learn proper techniques for safe mountain flying operations. Wind shear, thermal variations, up-drafts, down-drafts, horizontal forces, and specific safety procedures will be discussed.**AVI 4100 - Certified Flight Instructor Lab II****Credit Hours 2****Prerequisite:** AVI 3140**Description:** Continuation of AVI 3140 where the student demonstrates the ability to teach advanced flight operations and maneuvers. Actual flight hours: 14.0**AVI 4120 - Certified Flight Instructor Instrument Lab****Credit Hours 2****Prerequisite:** AVI 4100**Description:** CFIs demonstrate their ability to instruct on instrument flight in a rotor-wing aircraft. Both night and day flights will be used for evaluation of the CFI's ability to teach instrument flight. Actual flight hours: 17.0**AVI 4200 - Aviation Capstone****Credit Hours 3****Prerequisite:** Completion of all courses numbered AVI 1000 through AVI 4120**Description:** The culmination of knowledge learned through the aviation program is used to conduct simulated and real world projects where students are involved in design, analysis, application, problem solving, and decision making processes applicable to the rotor-wing aviation industry.**Biology****BIOL 1006 - Introduction to Pharmacology****Credit Hours 1****Description:** This course will introduce the student to the study of drugs and overview drug classes. The use, mechanism of action, and side effects of select commonly used medications will be discussed.**BIOL 1010 - Introduction to Biology****Credit Hours 3****Prerequisite:** Developmental reading and writing with a "C" or better**Corequisite:** BIOL 1011;

Description: A course for non-science majors. Topics covered include scientific methodology, the nature of living organisms, cell structure and function, cell chemistry and division, nature of heredity and gene action, the theory of evolution and principles of ecology. BIOL 1010 will not serve as a prerequisite of upper level biology courses.

BIOL 1011 - Introduction to Biology Lab

Credit Hours 1

Prerequisite: Developmental reading and writing or ACT score 19 or better

Corequisite: BIOL 1010;

Description: Laboratory course for non-science majors. Topics covered include scientific methodology, the nature of living organisms, cell structure and function, cell chemistry and division, nature of heredity and gene action, the theory of evolution and principles of ecology. BIOL 1010 will not serve as a prerequisite of upper level biology courses.

BIOL 1020 - Diversity of Life

Credit Hours 3

Prerequisite: Developmental reading and writing or ACT score 19 or better

Corequisite: BIOL 1021;

Description: A course for non-science majors. The course reviews basic scientific methodology and surveys the kingdoms of life with particular attention to the evolution and ecology of these forms. The portion of the course involving vertebrate animals will include discussions of selected human systems. BIOL 1020 will not serve as a prerequisite of upper level biology courses.

BIOL 1021 - Diversity of Life Lab

Credit Hours 1

Prerequisite: Developmental reading and writing or ACT score 19 or better

Corequisite: BIOL 1020

Description: Laboratory course for non-science majors, which reviews basic scientific methodology and surveys the kingdoms of life with particular attention to the evolution and ecology of these forms. The portion of the course involving vertebrate animals will include discussions of selected human systems. BIOL 1020 will not serve as a prerequisite of upper level biology courses.

BIOL 1040 - Human Biology

Credit Hours 3

Prerequisite: Developmental reading and writing or ACT score 19 or higher

Corequisite: BIOL 1041;

Description: A course for non-science majors. A survey of human structure, function, evolution, and ecology. Topics covered include scientific methodology, biological chemistry, cells, tissues, organ systems, genetics and human development, evolution and ecology. BIOL 1040 will not serve as a prerequisite of upper level biology courses.

BIOL 1041 - Human Biology Lab

Credit Hours 1

Prerequisite: Completion of developmental reading and writing with a "C" or higher

Corequisite: BIOL 1040;

Description: Laboratory course for non-science majors, which is a survey of human structure, function, evolution, and ecology. Topics covered include scientific methodology, biological chemistry, cells, tissues, organ systems, genetics and human development, evolution and ecology. BIOL 1040 will not serve as a prerequisite of upper level biology courses.

BIOL 1110 - General Biology I

Credit Hours 3

Prerequisite: Developmental or enhanced reading, writing and math with a "C" or higher.

Corequisite: BIOL 1111;

Description: A principles course for students majoring or minoring in biology or other sciences. Topics include scientific methodology, an overview of the physiological processes of living organisms including metabolism and energy transfer, concepts of inheritance and the nature of genes, and foundational concepts of evolution and ecology. A brief overview of the kingdoms of life and the rudiments of classification will be presented.

BIOL 1111 - General Biology I lab

Credit Hours 1

Prerequisite: Developmental or enhanced reading, writing and math with a "C" or higher or ACT score of 19 or higher

Corequisite: BIOL 1110;

Description: Laboratory component for a principles course for students majoring or minoring in biology or other sciences. Topics include scientific methodology, an overview of the physiological processes of living organisms including metabolism and energy transfer, concepts of inheritance and the nature of genes, and foundational concepts of evolution and ecology. A brief overview of the kingdoms of life and the rudiments of classification will be presented.

BIOL 1120 - General Biology II

Credit Hours 3

Prerequisite: BIOL 1110/1111 or equivalent with a grade of "C" or higher

Corequisite: BIOL 1121;

Description: Continuation of Principles of Biology I (BIOL 1110). Topics include an overview of the evolutionary history of biological diversity and an introduction to plant and animal form and function including an overview of plant, animal, protist, and fungus diversity.

BIOL 1121 - General Biology II Lab

Credit Hours 1

Prerequisite: BIOL 1110/1111 or equivalent with a grade of "C" or higher;

Corequisite: BIOL 1120;

Description: Laboratory component that is a continuation of BIOL 1111. Topics include an overview of the evolutionary history of biological diversity and an introduction to plant and animal form and function including an overview of plant, animal, protist, and fungus diversity.

BIOL 1234 - Honors Seminar in Biology

Credit Hours 1

Prerequisite: Admission to University Honors Program or permission of instructor

Description: This honors course introduces students to topics of current research in Biology.

BIOL 2010 - Human Anatomy and Physiology I

Credit Hours 3

Prerequisite: Must have a test score of 4 in reading, writing, and math or complete all deficiencies.

Corequisite: BIOL 2011;

Description: Designed for students in health and human performance, psychology, nursing, and allied health programs. Structure and function of the human body with emphasis on cellular structure and function, tissues, and the integumentary, skeletal, muscular, nervous, and endocrine systems will be discussed.

BIOL 2011 - Human Anatomy and Physiology I Lab

Credit Hours 1

Prerequisite: Must have a test score of 4 in reading, writing, and math or complete all deficiencies.

Corequisite: BIOL 2010;

Description: Laboratory Component designed for students in health and human performance, psychology, nursing, and allied health programs. Structure and function of the human body with emphasis on cellular structure and function, tissues, and the integumentary, skeletal, muscular, nervous, and endocrine systems will be discussed.

BIOL 2020 - Human Anatomy and Physiology II

Credit Hours 3

Prerequisite: BIOL 2010/2011 with a grade of "C" or higher;

Corequisite: BIOL 2021;

Description: Continuation of BIOL 2010. Treats the cardiovascular, lymphatic, immune, respiratory, digestive, and excretory systems, water and electrolyte balance, human reproduction, growth, and development, and human genetics.

BIOL 2021 - Human Anatomy and Physiology II Lab

Credit Hours 1

Prerequisite: BIOL 2010/2011 with grades of "C" or higher;

Corequisite: BIOL 2020;

Description: Laboratory component that is a continuation of BIOL 2011. Treats the cardiovascular, lymphatic, immune, respiratory, digestive, and excretory systems, water and electrolyte balance, human reproduction, growth, and development, and human genetics.

BIOL 2300 - Principles of Microbiology

Credit Hours 3

Prerequisite: Eight hours of biology with a grades of "C" or higher;

Corequisite: BIOL 2301;

Description: An introductory study of bacteria, viruses, fungi, and protozoan with particular emphasis on their relationship to infection and disease. Asepsis, immunity, sterilization, and special problems related to patients and hospitals. Completion of BIOL 2300 does not substitute for BIOL 3050 for a Biology major or minor.

BIOL 2301 - Principles of Microbiology Lab

Credit Hours 1

Prerequisite: Eight hours of biology with a grades of "C" or higher;

Corequisite: BIOL 2300;

Description: Laboratory component focusing on the introductory study of bacteria, viruses, fungi, and protozoan with particular emphasis on their relationship to infection and disease. Asepsis, immunity, sterilization, and special problems related to patients and hospitals. Completion of BIOL 2300 does not substitute for BIOL 3051 for a Biology major or minor

BIOL 2400 - Sustaining Biodiversity

Credit Hours 4

Description: This course is an honors/service learning course that focuses on the relationship between sustainability and biodiversity, provides students an understanding of the interdisciplinary studies necessary for a sustainable biological future, and provides students a general science course that affords students an opportunity to relate their academic interests to science.

BIOL 3000 - Biological Methods

Credit Hours 3

Variable Credit Hours 0

Prerequisite: BIOL 1110/1111

Corequisite: BIO1 3001

Description: Introduction to methods for conducting and interpreting biological research. Specific topics include: the scientific method; critical thinking; logic of hypothesis testing; basic experimental design; basic statistical methods; interpretation of primary scientific literature; acquisition, analysis, and presentation of scientific data.

BIOL 3001 - Biological Methods Lab

Credit Hours 1

Prerequisite: BIOL 1110/1111 with a grade of "C" or higher

Corequisite: BIOL 3000

Description: Introduction to methods for conducting and interpreting biological research. Specific topics include: the scientific method; critical thinking; logic of hypothesis testing; basic experimental design; basic statistical methods; interpretation of primary scientific literature; acquisition, analysis, and presentation of scientific data.

BIOL 3050 - General Microbiology

Credit Hours 3

Prerequisite: BIOL 1110/1111 with grades of "C" or higher;

Corequisite: BIOL 3051;

Description: Overview of the microbial world including a survey of the structure, functioning, and diversity of microorganisms. Introduction to the fundamental concepts of microbial physiology, molecular biology, metabolism, ecology, pathogenesis and immunology.

BIOL 3051 - General Microbiology Lab

Credit Hours 1

Prerequisite: BIOL 1110/1111 with grades of "C" or higher;

Corequisite: BIOL 3050;

Description: Laboratory component focusing on the overview of the microbial world including a survey of the structure, functioning, and diversity of microorganisms. Introduction to the fundamental concepts of microbial physiology, molecular biology, metabolism, ecology, pathogenesis and immunology.

BIOL 3060 - Zoological Diversity

Credit Hours 3

Prerequisite: BIOL 1120/1121 with a grade of "C" or higher;

Corequisite: Biol 3061

Description: A comparative study of the taxonomy, functional morphology, development, ecology, and evolution of representative animals.

BIOL 3061 - Zoological Diversity Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 with a grade of "C" or higher;

Corequisite: BIOL 3060;

Description: Laboratory component for a comparative study of the taxonomy, functional morphology, development, ecology, and evolution of representative animals.

BIOL 3070 - Botanical Diversity

Credit Hours 3

Prerequisite: BIOL 1120/1121 with a grade of "C" or higher;

Corequisite: BIOL 3071;

Description: A survey of algae, plants, and fungi, including comparative studies of structure, reproduction, evolution, ecology, and economic importance.

BIOL 3071 - Botanical Diversity Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 with grades of "C" or higher;

Corequisite: BIOL 3070;

Description: Laboratory component focusing on a survey of algae, plants, and fungi, including comparative studies of structure, reproduction, evolution, ecology, and economic importance.

BIOL 3130 - Genetics

Credit Hours 3

Prerequisite: BIOL 1110/1111 or 2020/2021 with a grade of "C" or higher

Corequisite: BIOL 3131;

Description: Consideration of the principles underlying inheritance in plants and animals. Application of these principles to population dynamics. Concepts are taught through problems based on experimental data.

BIOL 3131 - Genetics Lab

Credit Hours 1

Prerequisite: BIOL 1110/1111 or 2020/2021 with a grade of "C" or higher;

Corequisite: BIOL 3130;

Description: Laboratory component focusing on the consideration of the principles underlying inheritance in plants and animals. Application of these principles to population dynamics. Concepts are taught through problems based on experimental data.

BIOL 3200 - Women and Science

Credit Hours 3

Prerequisite: Eight hours of natural science with grades of "C" or better

Description: This course is an interdisciplinary survey of women in science. Contributions of women scientists to the natural sciences will be studied; and using this historical context, students will consider broad social questions such as: Do barriers still exist for women/girls in science? How do cultural biases impact the objectivity of scientific studies?

BIOL 3330 - Principles of Evolution

Credit Hours 3

Prerequisite: BIOL 1110/1111 with a grade of "C" or higher or permission of instructor;

Corequisite: BIOL 3331;

Description: Designed to impart an understanding of the core concepts in modern evolutionary theory, and an appreciation of the central position that theory holds as a theme unifying all sub-disciplines of biology.

BIOL 3331 - Principles of Evolution Lab

Credit Hours 1

Prerequisite: BIOL 1110/1111 with a grade of "C" or higher or permission of instructor;

Corequisite: BIOL 3330;

Description: Laboratory component designed to impart an understanding of the core concepts in modern evolutionary theory, and an appreciation of the central position that theory holds as a theme unifying all sub-disciplines of biology.

BIOL 3730 - Medical Microbiology

Credit Hours 3

Prerequisite: BIOL 1120/1121 or 2020/2021 with a grade of "C" or higher;

Corequisite: BIOL 3731;

Description: Knowledge and interpretation which will enable the student to become proficient in isolating and identifying human pathogens. Bacterial isolation and morphology will be stressed.

BIOL 3731 - Medical Microbiology Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 or 2020/2021 with a grade of "C" or higher;

Corequisite: BIOL 3730;

Description: Laboratory component focusing on knowledge and interpretation which will enable the student to become proficient in isolating and identifying human pathogens. Bacterial isolation and morphology will be stressed.

BIOL 3760 - Immunology and Serology

Credit Hours 3

Prerequisite: BIOL 2300/2301 or 3050/3051 or 3730/3731 with a grade of "C" or higher

Description: A comprehensive immunology course that includes the development, function, and failures of the immune system including the fundamentals of antigen-antibody reactions and serologic procedures performed in the clinical laboratory.

BIOL 3761 - Immunology and Serology Lab

Credit Hours 1

Prerequisite: BIOL 2300/2301 or 3050/3051 or 3730/3731 with a grade of "C" or higher

Corequisite: BIOL 3760;

Description: Laboratory component focusing on a comprehensive immunology course that includes the development, function, and failures of the immune system including the fundamentals of antigen-antibody reactions and serologic procedures performed in the clinical laboratory.

BIOL 4020 - Biological Sciences and Geographic Information Systems

Credit Hours 3

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4021;

Description: Students in the biological sciences shall learn the functionality of geographic information systems and spatial analysis related to epidemiological and population dynamics. They will learn the integration of computer plotting, site investigative mapping, and analysis of geo-positioning satellite information from the application of real-time case studies of research problems in the biological sciences.

BIOL 4021 - Biological Sciences and Geographic Information Systems Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4020;

Description: Laboratory component for biological sciences shall learn the functionality of geographic information systems and spatial analysis related to epidemiological and population dynamics. They will learn the integration of computer plotting, site investigative mapping, and analysis of geo-positioning satellite information from the application of real-time case studies of research problems in the biological sciences

BIOL 4030 - Plant Systematics

Credit Hours 3

Dual Listed: Biol 5030

Prerequisite: Biol 1110/1111 and Biol 3070/3071. Students are encouraged to take Biol 4050/4051 first.

Corequisite: Biol 4031

Description: This course presents an integrative approach to plant systematics. Topics include principles of plant systematics (i.e., phylogeny, botanical taxonomy and classification, nomenclature, history) and a strong focus on the morphological characteristics of the major plant families of eastern North America. During this class, students will become familiar with contemporary literature and develop an understanding of how plant systematics is informed by herbarium-related research, field work, and lab-based research.

BIOL 4031 - Plant Systematics Lab

Credit Hours 1

Prerequisite: Biol 1110/1111 and Biol 3070/3071. Students are encouraged to take Biol 4050/4051 first.

Corequisite: Biol 4030

Description: This lab course presents an integrative approach to plant systematics. Topics include principles of plant systematics (i.e., phylogeny, botanical taxonomy and classification, nomenclature, history) and a strong focus on the morphological characteristics of the major plant families of eastern North America. During this class, students will become familiar with contemporary literature and develop an understanding of how plant systematics is informed by herbarium-related research, field work, and lab-based research.

BIOL 4050 - Field Botany

Credit Hours 3

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4051;

Description: A study of local vascular plants with emphasis on identification, the use of manuals, preparation of collections, and distinguishing features of the major groups.

BIOL 4051 - Field Botany Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4050;

Description: Laboratory component focusing on the study of local vascular plants with emphasis on identification, the use of manuals, preparation of collections, and distinguishing features of the major groups.

BIOL 4070 - Animal Behavior**Credit Hours 3**

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4071;

Description: Students in the biological sciences shall learn the functionality of geographic information systems and spatial analysis related to epidemiological and population dynamics. They will learn the integration of computer plotting, site investigative mapping, and analysis of geo-positioning satellite information from the application of real-time case studies of research problems in the biological sciences.

BIOL 4071 - Animal Behavior Lab**Credit Hours 1**

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4070;

Description: Laboratory component for students in the biological sciences shall learn the functionality of geographic information systems and spatial analysis related to epidemiological and population dynamics. They will learn the integration of computer plotting, site investigative mapping, and analysis of geo-positioning satellite information from the application of real-time case studies of research problems in the biological sciences.

BIOL 4080 - General Ecology**Credit Hours 3**

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4081;

Description: A survey of basic ecological principles and processes and their application of the welfare of humans and their environment. Lecture and laboratory activities focus on understanding ecosystem dynamics. Includes statistical analysis of field-collected data.

BIOL 4081 - General Ecology Lab**Credit Hours 1**

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4080;

Description: Laboratory Component for the survey of basic ecological principles and processes and their application of the welfare of humans and their environment. Lecture and laboratory activities focus on understanding ecosystem dynamics. Includes statistical analysis of field-collected data.

BIOL 4100 - Biostatistics

Credit Hours 3

Prerequisite: MATH 1730 or higher and two upper biology courses with grades of "C" or higher;

Corequisite: BIOL 4101;

Description: Statistical methods in biological research. Basic descriptive and inferential statistics, frequency distributions and analyses, analysis of variance, linear regression, correlation, nonparametric analogues to parametric methods, relationships between experimental design and data analysis used in hypothesis testing. Selected multivariate analysis, statistical re-sampling methods, and data reduction techniques discussed. Computer use emphasized.

BIOL 4101 - Biostatics Lab

Credit Hours 1

Prerequisite: MATH 1730 or higher and two upper biology courses with grades of "C" or higher;

Corequisite: BIOL 4100;

Description: Laboratory Component focusing on statistical methods in biological research. Basic descriptive and inferential statistics, frequency distributions and analyses, analysis of variance, linear regression, correlation, nonparametric analogues to parametric methods, relationships between experimental design and data analysis used in hypothesis testing. Selected multivariate analysis, statistical re-sampling methods, and data reduction techniques discussed. Computer use emphasized.

BIOL 4110 - Animal Physiology

Credit Hours 3

Prerequisite: BIOL 3060 - Zoological Diversity Biol 1120 or Biol 2020 and a 3000-4999 level class in Agriculture, Biology, Chemistry, Health and Human Performance, or Medical Technology, and one eight-hour chemistry series with grades of "C" or higher;

Corequisite: BIOL 4111;

Description: A survey of animal physiology with emphasis on mammalian systems. The molecular and cellular aspects of physiology as they relate to the function of the organisms are considered. All major systems are discussed.

BIOL 4111 - Animal Physiology Lab

Credit Hours 1

Prerequisite: BIOL 3060 - Zoological Diversity Biol 1120 or Biol 2020 and a 3000-4999 level class in Agriculture, Biology, Chemistry, Health and Human Performance, or Medical Technology, and one eight-hour chemistry series with grades of "C" or higher;

Corequisite: BIOL 4110;

Description: Laboratory component for a survey of animal physiology with emphasis on mammalian systems. The molecular and cellular aspects of physiology as they relate to the function of the organisms are considered. All major systems are discussed.

BIOL 4120 - Plant Physiology

Credit Hours 3

Prerequisite: BIOL 1120/1121 and one eight-hour Chemistry series with grades of "C" or higher;

Description: Principal physiological processes of plants including mineral nutrition, photosynthesis, water relation, translocation, respiration, growth hormones, photo physiology, and biological function of nucleic acids and proteins.

BIOL 4121 - Plant Physiology Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 and one eight-hour Chemistry series with grades of "C" or higher;

Corequisite: BIOL 4120;

Description: Laboratory component for the principal physiological processes of plants including mineral nutrition, photosynthesis, water relation, translocation, respiration, growth hormones, photo physiology, and biological function of nucleic acids and proteins.

BIOL 4160 - Human Physiology

Credit Hours 3

Prerequisite: (BIOL 1120/1121 or 2020/2021) and CHEM 1110/1111 with grades of "C" or higher;

Corequisite: BIOL 4161;

Description: The molecular and cellular aspects of human physiology as they relate to the regulation of homeostasis, cellular metabolism, the nervous system, muscle, cardiovascular, respiratory, renal, gastrointestinal, and endocrine systems. BIOL 4160 does not fulfill the physiology requirement for the biology major or minor.

BIOL 4161 - Human Physiology Lab

Credit Hours 1

Prerequisite: (BIOL 1120/1121 or 2020/2021) and CHEM 1110/1111 with grades of "C" or higher;

Corequisite: BIOL 4160;

Description: Laboratory component for the molecular and cellular aspects of human physiology as they relate to the regulation of homeostasis, cellular metabolism, the nervous system, muscle, cardiovascular, respiratory, renal, gastrointestinal, and endocrine systems. BIOL 4160/4161 does not fulfill the physiology requirement for the biology major or minor.

BIOL 4200 - Developmental Biology

Credit Hours 3

Prerequisite: BIOL 1120/1121 or 2020/2021 with a grade of "C" or higher;

Corequisite: BIOL 4201;

Description: The study of morphology and physiology of development with a focus on genetic and molecular mechanisms in a wide variety of model organisms.

BIOL 4201 - Developmental Biology Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 or 2020/2021 with a grade of "C" or higher;

Corequisite: BIOL 4200;

Description: Laboratory component for the study of morphology and physiology of development with a focus on genetic and molecular mechanisms in a wide variety of model organisms.

BIOL 4230 - Advanced Topics in Genetics

Credit Hours 3

Prerequisite: BIOL 3130/3131 with a grade of "C" or higher;

Corequisite: BIOL 4231;

Description: A course designed to explore current topics in genetics and regulation of gene expression. Concepts are taught through literature review and experimental problems.

BIOL 4231 - Advanced Topics in Genetics Lab

Credit Hours 1

Prerequisite: BIOL 3130/3131 with a grade of "C" or higher;

Description: Laboratory component designed to explore current topics in genetics and regulation of gene expression. Concepts are taught through literature review and experimental problems.

BIOL 4300 - Bacteriology

Credit Hours 3

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4301;

Description: An introduction to each of the 10 groups of bacteria. Major emphasis will be placed on those groups that greatly affect humans through their beneficial or harmful attribute

BIOL 4301 - Bacteriology Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4300;

Description: Laboratory component focusing on an introduction to each of the 10 groups of bacteria. Major emphasis will be placed on those groups that greatly affect humans through their beneficial or harmful attribute.

BIOL 4330 - Aquatic Biology and Water Quality

Credit Hours 3

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4331;

Description: Laboratory component for the study of the aquatic environment. Materials covered will include concepts and methods of analyses of the physical, chemical, and biological factors influencing aquatic life and water quality. Kinds and sources of pollution, as well as methods of pollution control, will be emphasized.

BIOL 4331 - Aquatic Biology and Water Quality Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4330;

Description: Laboratory component for the study of the aquatic environment. Materials covered will include concepts and methods of analyses of the physical, chemical, and biological factors influencing aquatic life and water quality. Kinds and sources of pollution, as well as methods of pollution control, will be emphasized.

BIOL 4340 - Algal Ecology

Credit Hours 3

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4341;

Description: A study of structure, evolution, ecology, and physiology of algae. Students will learn methodologies needed to use ecological characteristics of algae as indicators of environmental health.

BIOL 4341 - Algal Ecology Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4340;

Description: Laboratory component for the study of structure, evolution, ecology, and physiology of algae. Students will learn methodologies needed to use ecological characteristics of algae as indicators of environmental health.

BIOL 4350 - Field Zoology

Credit Hours 3

Prerequisite: BIOL 3060/3061 with a grade of "C" or higher;

Corequisite: BIOL 4351;

Description: A survey of the native vertebrate animals, with emphasis on collection, preservation, identification, and taxonomic relationships.

BIOL 4351 - Field Zoology Lab

Credit Hours 1

Prerequisite: BIOL 3060/3061 with a grade of "C" or higher;

Corequisite: BIOL 4350;

Description: Laboratory component focusing on a survey of the native vertebrate animals, with emphasis on collection, preservation, identification, and taxonomic relationships.

BIOL 4410 - Reproductive Physiology

Credit Hours 3

Variable Credit Hours 3

Dual Listed: Biol 5410

Prerequisite: BIOL 4110 and BIOL 4111 ; OR BIOL 4160 and BIOL 4161 ; OR BIOL 2020 and a 3000-4999 level class in Agriculture, Biology, Chemistry, Health and Human Performance, or Medical Technology; with grades of "C" or higher.

Corequisite: BIOL 4411;

Description: A study of animal reproductive physiology. Emphasis will be placed on vertebrate physiology but selected topics in invertebrate reproductive physiology will be discussed as well.

BIOL 4411 - Reproductive Physiology Lab

Credit Hours 1

Prerequisite: BIOL 4110 and BIOL 4111; OR BIOL 4160 and BIOL 4161; OR BIOL 2020 and a 3000 - 4999 level class in Agriculture, Biology, Chemistry, Health and Human Performance, or Medical Technology; with grades of "C" or higher.

Corequisite: BIOL 4410;

Description: Laboratory component for the study of animal reproductive physiology. Emphasis will be placed on vertebrate physiology but selected topics in invertebrate reproductive physiology will be discussed as well.

BIOL 4440 - Cell and Molecular Biology

Credit Hours 3

Prerequisite: (BIOL 1120/1121 or 2020/2021) and one upper division biology course; and one eight-hour chemistry series with grades of "C" or higher;

Corequisite: BIOL 4441;

Description: The fundamental role of macromolecules and cell ultra structure in mediating such cellular activities as permeability, excitability, secretion, cell-cell communications, and energy transduction. The function of the cell at the molecular level is emphasized.

BIOL 4441 - Cell and Molecular Biology Lab

Credit Hours 1

Prerequisite: (BIOL 1120/1121 or 2020/2021) and one upper division biology course; and one eight-hour chemistry series with grades of "C" or higher;

Corequisite: BIOL 4440;

Description: Laboratory component focusing on the fundamental role of macromolecules and cell ultra structure in mediating such cellular activities as permeability, excitability, secretion, cell-cell communications, and energy transduction. The function of the cell at the molecular level is emphasized.

BIOL 4450 - Biotechnology

Credit Hours 3

Prerequisite: BIOL 1120/1121 or equivalent and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4451;

Description: This course provides students with practical experience using current molecular skills in addition to didactic learning. The course is laboratory intensive, as students gain "hands on" training in one of the world's fastest growing job markets, biotechnology. Emphasis is placed on understanding basic concepts involving genetic engineering and proteomics.

BIOL 4451 - Biotechnology Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 or equivalent and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4450;

Description: Laboratory Component for this course provides students with practical experience using current molecular skills in addition to didactic learning. The course is laboratory intensive, as students gain "hands on" training in one of the world's fastest growing job markets, biotechnology. Emphasis is placed on understanding basic concepts involving genetic engineering and proteomics.

BIOL 4480 - Genomics and Bioinformatics

Credit Hours 3

Variable Credit Hours 3

Dual Listed: BIOL 5480, Graduate Genomics/Bioinformatics

Prerequisite: None

Corequisite: BIOL 4481, Genomics and Bioinformatics Lab

Pre/Corequisite None

Description: A research-based course where students will learn how to annotate genomes using different computer programs such as DNA Master, Phamerator, Starterator, phagesdb Blast, NCBI Blast, GeneMark, HHPred, tRNAScan-SE, Aragorn, and PECAAN. Students will characterize and investigate genomes, including gene calling, functional assignments, and preparing final submission files that meet GenBank requirements.

BIOL 4481 - Genomics and Bioinformatics Lab

Credit Hours 1

Variable Credit Hours 1

Dual Listed: BIOL 5481, Graduate Genomics/Bioinformatics Lab

Prerequisite: None

Corequisite: BIOL 4480, Genomics/Bioinformatics Lecture

Pre/Corequisite None

Description: A research-based, hands-on practical course where students will annotate genomes using different computer programs and will submit their annotations to GenBank (the National Center for Biotechnology Information - NCBI). Students will characterize and investigate genomes, including gene calling, functional assignments, and preparing final submission files that meet NCBI requirements.

BIOL 4500 - Research

Credit Hours 1 to 4

Variable Credit Hours 1 to 4

Prerequisite: Permission of the instructor, minimum 2.5 cumulative GPA, minimum 3.0 average in Biology; 16 hours of 3000-4999 level biology courses.

Description: This course is offered for those who desire to pursue a special study of some biological problems beyond what is

possible in regular courses. The student is expected to select and plan a research problem and pursue it to some state of completion. The data are to be written in acceptable scientific form and available for a seminar. Maximum of eight hours.

BIOL 4540 - Plant Ecology

Credit Hours 3

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4541;

Description: An overview of the field of plant ecology, including topics in plant population biology, species interactions, plant environment interactions, and community structure. Investigations will take place in the field and in the laboratory.

BIOL 4541 - Plant Ecology Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4540;

Description: Laboratory component focusing on the overview of the field of plant ecology, including topics in plant population biology, species interactions, plant environment interactions, and community structure. Investigations will take place in the field and in the laboratory.

BIOL 4550 - Ichthyology

Credit Hours 3

Prerequisite: BIOL 3060/3061 and one other upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4551;

Description: A survey of fish diversity including study of their systematic relationships, evolutionary history, ecology, distribution, behavior, and morphology with an emphasis on the ichthyofauna of the Southeastern United States and identification of local taxa and families of the world.

BIOL 4551 - Ichthyology Lab

Credit Hours 1

Prerequisite: BIOL 3060/3061 and one other upper division biology course with grades of "C" or higher;

Description: Laboratory component focused on the survey of fish diversity including study of their systematic relationships, evolutionary history, ecology, distribution, behavior, and morphology with an emphasis on the ichthyofauna of the Southeastern United States and identification of local taxa and families of the world.

BIOL 4560 - Aquatic Macroninvertebrates

Credit Hours 3

Prerequisite: Senior standing or permission of instructor;

Corequisite: BIOL 4561;

Description: An investigation of the diversity of aquatic macroinvertebrates through the study of the taxonomy, morphology, development, ecology and evolution of selected taxa. Emphasis on freshwater forms of Southeastern U.S.

BIOL 4561 - Aquatic Macroninvertebrates Lab

Credit Hours 1

Prerequisite: Senior standing or permission of instructor;

Corequisite: BIOL 4560;

Description: Laboratory component focusing on an investigation of the diversity of aquatic macroinvertebrates through the study of the taxonomy, morphology, development, ecology and evolution of selected taxa. Emphasis on freshwater forms of Southeastern U.S.

BIOL 4600 - Parasitology

Credit Hours 3

Prerequisite: (BIOL 1120/1121 or 2020/2021) and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4601;

Description: A survey of the parasitic protozoan, helminths, and arthropods affecting man and other animals. Emphasis is placed on morphology, life-cycles, host- parasite relationships, methods of reproduction, transmission, and control.

BIOL 4601 - Parasitology Lab

Credit Hours 1

Prerequisite: (BIOL 1120/1121 or 2020/2021) and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4600;

Description: Laboratory component focusing on the survey of the parasitic protozoan, helminths, and arthropods affecting man and other animals. Emphasis is placed on morphology, life-cycles, host- parasite relationships, methods of reproduction, transmission, and control.

BIOL 4620 - Ornithology

Credit Hours 3

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4621;

Description: A study of the evolution, taxonomy, identification, life history and behavior of birds, with emphasis on local representatives.

BIOL 4621 - Ornithology Lab

Credit Hours 1

Prerequisite: BIOL 1120/1121 and one upper division biology course with grades of "C" or higher;

Corequisite: BIOL 4620;

Description: Laboratory Component focusing on the study of the evolution, taxonomy, identification, life history and behavior of birds, with emphasis on local representatives.

BIOL 4630 - Mammalogy

Credit Hours 3

Prerequisite: BIOL 3060/3061 with a grade of "C" or higher;

Corequisite: BIOL 4631;

Description: A survey of mammalian diversity including study of their natural history, distribution, taxonomy, ecology and morphology with an emphasis on diversity in Southeastern USA and major groups in the world. Includes laboratory and field trips.

BIOL 4631 - Mammalogy Lab

Credit Hours 1

Prerequisite: BIOL 3060/3061 with a grade of "C" or higher;

Corequisite: BIOL 4630;

Description: Laboratory component focusing on the survey of mammalian diversity including study of their natural history, distribution, taxonomy, ecology and morphology with an emphasis on diversity in Southeastern USA and major groups in the world. Includes laboratory and field trips.

BIOL 4650 - Field Study Biogeography and Biodiversity

Credit Hours 4

Prerequisite: BIOL 1110/1111 and four hours of upper division biology course with grades of "C" or higher or permission of instructor;

Description: This field course will examine the biogeography, biodiversity and changing landscape of various regions. Focus will be given to rare ecosystems as well as unique geographic regions.

BIOL 4700 - Topics in Biology

Credit Hours 1 to 3

Variable Credit Hours 1 to 4

Prerequisite: BIOL 1120 and one of upper division biology course with grades of "C" or higher;

Description: Special courses or workshops in selected topics of biology. Specific topics may be developed by faculty or by students in consultation with a faculty member. This course may be repeated for a cumulative total of 9 credit hours.

BIOL 4740 - Conservation Biology

Credit Hours 3

Dual Listed: Listed with graduate Conservation Biology BIOL 5740

Prerequisite: A "C" or higher in BIOL 3000/3001

Corequisite: BIOL 4741

Pre/Corequisite: BIOL 4080/4081

Description: A survey of how we define biodiversity, the biogeography of biodiversity, the challenges facing biodiversity, ways to conserve biodiversity globally, and current tools used to assess and conserve biodiversity. This course will emphasize quantitative methods in Conservation Biology and critical thinking to solve real-world problems.

BIOL 4741 - Conservation Biology Lab

Credit Hours 1

Dual Listed: Listed with graduate Conservation Biology BIOL 5741

Prerequisite: A "C" or higher in BIOL 3000/3001

Corequisite: BIO 4740

Pre/Corequisite BIOL 4080/4081

Description: Laboratory course associated with BIOL 4730. A survey of biodiversity and the biogeography of biodiversity. Students will learn current tools used to assess diversity as they examine the challenges facing biodiversity and investigate methods to conserve global biodiversity. This course will emphasize quantitative methods in Conservation Biology and critical thinking to solve real-world problems.

BIOL 4810 - Wildlife Management Internship

Credit Hours 15

Prerequisite: Acceptance into the senior year clinical phase of the Medical Technology program or permission of program director;

Description: One semester of on-the-job experience in various phases of wildlife or fisheries management. Students are assigned as trainees to an APSU-approved agency.

BIOL 4915 - Seminar in Biology

Credit Hours 1

Prerequisite: Junior standing;

Description: The students will evaluate and critique research presentations by professionals and biology graduate students. This course may be taken twice for credit.

Center of Excellence for Creative Arts

CECA 3000 - Introduction to Interdisciplinary Arts

Credit Hours

Description: An introduction to the concepts and practices of interdisciplinary Arts. Topics covered include artistic collaboration across disciplines, the performance/audience connection, arts criticism, and interdisciplinary arts production.

CECA 3050 - Funding Artistic Endeavors

Credit Hours 3

Description: The course provides the student a theoretical foundation of entrepreneurs and opportunities to meet practicing entrepreneurs who melded art and entrepreneurship into a rewarding career. Students will be exposed to basic financial principles for start-ups, business models, and examples of successful art entrepreneurs.

CECA 4000 - Seminar in Interdisciplinary Arts

Credit Hours

Description: This capstone course allows students to work collaboratively towards a final production that includes elements of Creative Writing, Music, Art, and Theatre/Dance.

Chemistry

CHEM 1010 - Introductory Chemistry I

Credit Hours 3

Prerequisite: Developmental reading, writing, and math.

Corequisite: CHEM 1011;

Description: The nature of matter and energy, the developments of chemical technology, and the interaction of this technology with humans and their environment. Topics include atomic structure, energy in matter, chemical bonding and molecular structure, solutions, acid-base reactions and redox reactions. (Not acceptable for the Chemistry major.)

CHEM 1011 - Introductory Chemistry I Lab

Credit Hours 1

Corequisite: CHEM 1010;

Description: Laboratory component focusing on the nature of matter and energy, the developments of chemical technology, and the interaction of this technology with humans and their environment. Topics include atomic structure, energy in matter, chemical bonding and molecular structure, solutions, acid-base reactions and redox reactions. (Not acceptable for the Chemistry major.)

CHEM 1020 - Introductory Chemistry II

Credit Hours 3

Prerequisite: CHEM 1010/1011 with grades of "C" or higher;

Corequisite: CHEM 1021;

Description: Basic organic chemistry, synthetic polymers, biochemistry, air and water pollution, consumer chemistry and energy sources. (Not acceptable for the Chemistry major.)

CHEM 1021 - Introductory Chemistry II Lab

Credit Hours 1

Prerequisite: CHEM 1010/1011 with grades of "C" or higher;

Corequisite: CHEM 1020;

Description: Laboratory component which focuses on the basic organic chemistry, synthetic polymers, biochemistry, air and water pollution, consumer chemistry and energy sources. (Not acceptable for the Chemistry major.)

CHEM 1050 - Chemistry for Everyone

Credit Hours 3

Variable Credit Hours 3

Corequisite: CHEM 1051

Description: A course designed for non-science majors. Topics may include chemistry in social media, kitchen chemistry, forensic science, medicines, poisons, environmental chemistry, nutrition, debunking pseudoscience and current hot topics in chemistry.

CHEM 1051 - Chemistry for Everyone Lab

Credit Hours 1

Variable Credit Hours 1

Corequisite: CHEM 1050

Description: A lab course to support CHEM 1050.

CHEM 1110 - General Chemistry I

Credit Hours 3

Corequisite: CHEM 1111;

Pre/Corequisite MATH 1730 or higher math class.

Description: Fundamental laws and theories; elements, compounds, and mixtures; atomic structure; kinetic theory and gas laws; chemical calculations, and chemistry of solutions.

CHEM 1111 - General Chemistry I Lab

Credit Hours 1

Corequisite: CHEM 1110

Description: Laboratory component focusing on the fundamental laws and theories; elements, compounds, and mixtures; atomic structure; kinetic theory and gas laws; chemical calculations, and chemistry of solutions.

CHEM 1120 - General Chemistry II

Credit Hours 3

Prerequisite: CHEM 1110/1111 , MATH 1730 with grades of "C" or higher;

Corequisite: CHEM 1121;

Description: Acids, bases and salts; kinetics, electrochemistry, thermodynamics; descriptive chemistry, organic chemistry; nuclear chemistry.

CHEM 1121 - General Chemistry II Lab

Credit Hours 1

Prerequisite: CHEM 1110/1111 , MATH 1730 with grades of "C" or higher;

Corequisite: CHEM 1120;

Description: Laboratory component focusing on acids, bases and salts; kinetics, electrochemistry, thermodynamics; descriptive chemistry, organic chemistry; nuclear chemistry.

CHEM 1234 - Honors Chemistry

Credit Hours 1

Prerequisite: Admission to the Honors Program or permission of instructor

Corequisite: CHEM 1110

Description: Honors experience for the chemistry major to augment their general chemistry classes.

CHEM 1710 - Introduction to Chemistry and Physics

Credit Hours 3

Cross Listed: PHYS 1710

Corequisite: CHEM 1711

Description: Introductory integrated lab/lecture course in chemistry and physics. Included are hands-on and computer based activities in the scientific method, astronomy, motion, energy, kinetic theory, waves and sound, atomic structure, electricity and magnetism, elements and periodic properties, chemical bonding, electrochemistry, environmental issues, and linkage to NASA via the Internet. (May not be combined with CHEM 1010 or PHYS 1010 to fulfill Natural Science core requirements.)

CHEM 1711 - Introduction to Chemistry and Physics Lab

Credit Hours 1

Corequisite: CHEM 1710;

Description: Laboratory component focusing on the introduction to integrated lab/lecture course in chemistry and physics. Included are hands-on and computer based activities in the scientific method, astronomy, motion, energy, kinetic theory, waves and sound, atomic structure, electricity and magnetism, elements and periodic properties, chemical bonding, electrochemistry, environmental issues, and linkage to NASA via the Internet. (May not be combined with CHEM 1010 or PHYS 1010 to fulfill Natural Science core requirements.)

CHEM 2000 - Chemistry Sophomore Seminar

Credit Hours 1

Prerequisite: CHEM 1120 with grades of "C" or higher

Description: Chemistry career exploration to include job searching, resume writing, research practices, conduct of professional chemists, career counseling, interviewing, and investigation of research experiences for undergraduate (REU).

CHEM 2941 - Introduction to Research-Laboratory

Credit Hours 1

Prerequisite: CHEM 1120 with grades of "C" or higher and permission of instructor

Description: Experiment design including methods, proper lab conduct, record-keeping, ethics, chemical safety and waste disposal, techniques, and information resources in a specialized area. Progress or completion of a laboratory research project under the guidance of chemistry faculty and presentation of work is expected. Not co-requisite for CHEM 2940. May be repeated one semester.

CHEM 3000 - Chemistry Majors in the Classroom

Credit Hours 3

Prerequisite: CHEM 1120/1121 with a "B" or higher and permission of instructor

Description: Service-learning course that places upper division majors, working in cooperation with an assigned faculty member as a student assistant for lower division chemistry classes or to meet community chemistry education needs. Development of classroom activities, tutoring skills and teaching assistant responsibilities. Does not count towards the Chemistry minor.

CHEM 3040 - Scientific Perspectives on Women's Wellness

Credit Hours 3

Prerequisite: Eight hours of natural science with grades of "C" or higher

Description: This discussion-based course lies at the interface of science and gender studies. Topics include hormone biochemistry and biophysics, reproductive biology and diseases, nutrition, mental illness, birth control, and reproductive toxicology. Suitable for students interested in science, pre-professional health, and/or women's and gender studies.

CHEM 3111 - Chemistry Demos Lab

Credit Hours 1

Prerequisite: 4 credit hours of 3000-4999 chemistry with grades of "C" or higher.

Description: Planning, implementation, and safety considerations associated with performing hands-on chemistry demonstrations for a mixed audience.

CHEM 3210 - Quantitative Analysis

Credit Hours 3

Prerequisite: CHEM 1120/1121 with a grade of "C" or higher.

Corequisite: CHEM 3211;

Description: Theory and application of gravimetric methods; acid-base, precipitation, and compleximetric volumetric titration; analytical separations, spectrophotometric, electroanalytical techniques, and statistical and computer tools.

CHEM 3211 - Quantitative Analysis Lab

Credit Hours 1

Prerequisite: CHEM 1120/1121 with grade of "C" or higher;

Corequisite: CHEM 3210;

Description: Laboratory component for theory and application of gravimetric methods; acid-base, precipitation, and compleximetric volumetric titration; analytical separations, spectrophotometric, electroanalytical techniques, and statistical and computer tools.

CHEM 3220 - Instrumental Analysis

Credit Hours 3

Prerequisite: CHEM 3210/3211 or (CHEM 3610 /3611 and PHYS 2020/2021) with grades of "C" or higher; (PHYS 2120 is recommended with a grade of "C" or higher)

Corequisite: CHEM 3221;

Description: Theory and application of instrumental techniques; spectroscopy, electrochemistry, and chromatography. Instrumentation electronics, signals, and noise. Scientific computing hardware, software, and programming.

CHEM 3221 - Instrumental Analysis Lab

Credit Hours 1

Prerequisite: CHEM 3210/3211 or (CHEM 3610 /3611 and PHYS 2020/2021) with grades of "C" or higher; (PHYS 2120 is recommended with a grade of "C" or higher)

Corequisite: CHEM 3220;

Description: Laboratory component for the theory and application of instrumental techniques; spectroscopy, electrochemistry, and chromatography. Instrumentation electronics, signals, and noise. Scientific computing hardware, software, and programming.

CHEM 3440 - Inorganic Chemistry

Credit Hours 3

Prerequisite: CHEM 3510/3511 with a grade of "C" or higher

Corequisite: CHEM 3441;

Description: Atomic structure and periodicity; crystal structure; descriptive chemistry of the elements; acid-base concepts; non-aqueous solvent systems; and environmental and medicinal awareness.

CHEM 3441 - Inorganic Chemistry Lab

Credit Hours 1

Prerequisite: CHEM 3510/3511 with a grade of "C" or higher

Corequisite: CHEM 3440;

Description: Laboratory component for atomic structure and periodicity; crystal structure; descriptive chemistry of the elements; acid-base concepts; non-aqueous solvent systems; and environmental and medicinal awareness.

CHEM 3500 - Brief Organic Chemistry

Credit Hours 3

Prerequisite: CHEM 1120/1121 with grades of "C" or higher

Corequisite: CHEM 3501;

Description: A brief survey of organic functional groups, reactions, mechanisms, stereochemistry, and spectroscopy. Suitable for various agriculture and allied health curricula.

CHEM 3501 - Brief Organic Chemistry Lab

Credit Hours 1

Prerequisite: CHEM 1120/1121 with grades of "C" or higher

Corequisite: CHEM 3500;

Description: Laboratory component focusing on a brief survey of organic functional groups, reactions, mechanisms, stereochemistry, and spectroscopy. Suitable for various agriculture and allied health curricula.

CHEM 3510 - Organic Chemistry I

Credit Hours 3

Prerequisite: CHEM 1120/1121 with grades of "C" or higher;

Corequisite: CHEM 3511

Description: Functional groups (alkane, alkenes, alkynes, alkyl halides, aromatic compounds), structure determination, stereochemistry, and spectroscopy.

CHEM 3511 - Organic Chemistry I Lab

Credit Hours 1

Prerequisite: CHEM 1120/1121 with grades of "C" or higher;

Corequisite: CHEM 3510;

Description: Laboratory component for functional groups (alkane, alkenes, alkynes, alkyl halides, aromatic compounds), structure determination, stereochemistry, and spectroscopy.

CHEM 3520 - Organic Chemistry II

Credit Hours 3

Prerequisite: CHEM 3510/3511 with a grade of "C" or higher;

Corequisite: CHEM 3521;

Description: Alcohols, phenols, ethers, aldehydes, ketones, carboxylic acids and derivatives, dicarbonyl compounds, amines, lipids, carbohydrates, amino acids, proteins, nucleic acids, and polymers.

CHEM 3521 - Organic Chemistry II Lab

Credit Hours 1

Prerequisite: CHEM 3510/3511 with a grade of "C" or higher;

Corequisite: CHEM 3520;

Description: Laboratory component focusing on alcohols, phenols, ethers, aldehydes, ketones, carboxylic acids and derivatives, dicarbonyl compounds, amines, lipids, carbohydrates, amino acids, proteins, nucleic acids, and polymers.

CHEM 3610 - Physical Chemistry I

Credit Hours 3

Prerequisite: CHEM 1120/1121, 2000, and (PHYS 2020 or PHYS 2120) and MATH 1910 with grades of "C" or higher

Corequisite: CHEM 3611;

Description: Kinetic theory and gases; first, second, and third laws of thermodynamics; spontaneity and equilibrium; colligative properties of solutions; phase diagrams and kinetics.

CHEM 3611 - Physical Chemistry I Lab

Credit Hours 1

Prerequisite: CHEM 1120/1121 and (PHYS 2020 or PHYS 2120) and MATH 1910 with grades of "C" or higher;

Corequisite: CHEM 3610;

Description: Laboratory component for kinetic theory and gases; first, second, and third laws of thermodynamics; spontaneity and equilibrium; colligative properties of solutions; phase diagrams and kinetics.

CHEM 3620 - Physical Chemistry II

Credit Hours 3

Prerequisite: CHEM 3610/3611 and MATH 1920 with grades of "C" or higher;

Corequisite: CHEM 3621;

Description: Advanced thermodynamics, electrochemistry, advanced kinetics, atomic structure and the Schrodinger equation, molecular orbital theory and the theory of molecular spectroscopy.

CHEM 3621 - Physical Chemistry II Lab

Credit Hours 1

Prerequisite: CHEM 3610/3611 and MATH 1920 with grades of "C" or higher;

Corequisite: CHEM 3620;

Description: Laboratory component for advanced thermodynamics, electrochemistry, advanced kinetics, atomic structure and the Schrodinger equation, molecular orbital theory and the theory of molecular spectroscopy.

CHEM 3700 - Forensic Science

Credit Hours 3

Prerequisite: CHEM 1120/1121 , (CHEM 3500/3501 or 3510/3511), BIOL 1110/1111 and completed MATH core with grades of "C" or better

Description: Survey of scientific methods used in collection, preservation, and analysis of physical evidence. Included will be a study of common types of physical evidence obtained from crime scenes, their treatment at the modern crime laboratory, and the interpretation of scientific data.

CHEM 4000 - Advanced Chemistry Seminar

Credit Hours 1

Prerequisite: CHEM 2000, CHEM 3520, and CHEM 3521 with grades of "C" or better

Description: Strengthening oral and written scientific communication skills, ethics in the chemistry lab, and preparation for a career using a degree in chemistry.

CHEM 4140 - Chemical and Laboratory Safety

Credit Hours 3

Dual Listed: CHEM 5140

Prerequisite: CHEM 3500/3501, CHEM 3510/3511, or CHEM 3210/3211 with grades of "C" or higher.

Description: An overview of best practices to minimize incidents in a laboratory setting. Topics include federal, state, and local regulations, measures for the prevention of laboratory incidents, and general chemical knowledge as it pertains to risk assessment and prevention.

CHEM 4150 - Data Analysis

Credit Hours 3

Dual Listed: CHEM 5150

Prerequisite: CHEM 3210/3211 with grades of "C" or higher

Description: Theory and applications of advanced chemical analysis. Sampling methods, experimental design, Excel analysis, case studies, large and small data sets, utilizing data to teach statistical analysis and error, noise processing, data interpretation, and communication of results.

CHEM 4240 - Advanced Analytical Chemistry

Credit Hours 3

Cross Listed: CHEM 5240/5241 (see graduate bulletin for description);

Prerequisite: CHEM 3220/3221, 3610/3611 and (PHYS 2020/2021 or 2120/2121) with grades of "C" or higher

Corequisite: CHEM 4241;

Description: Theory and practice of analytical instrument design. Circuits, test equipment, semiconductors, digital electronics, data acquisition, and computer programming. Design application examples in electrochemistry, spectroscopy or chromatography.

CHEM 4241 - Advanced Analytical Chemistry Lab

Credit Hours 1

Cross Listed: CHEM 5240/5241 (see graduate bulletin for description);

Prerequisite: CHEM 3220/3221, 3610/3611 and (PHYS 2020/2021 or 2120/2121) with grades of "C" or higher

Corequisite: CHEM 4240

Description: Laboratory component for the theory and practice of analytical instrument design. Circuits, test equipment, semiconductors, digital electronics, data acquisition, and computer programming. Design application examples in electrochemistry, spectroscopy or chromatography.

CHEM 4300 - Brief Biochemistry

Credit Hours 3

Prerequisite: CHEM 3500/3501 or CHEM 3520/3521 with a grade of "C" or higher

Corequisite: CHEM 4301

Description: Designed for students in the allied health fields. Cellular processes including catalysis, metabolism, bioenergetics, and biochemical genetics.

CHEM 4301 - Brief Biochemistry Lab

Credit Hours 1

Prerequisite: CHEM 3500/3501 or CHEM 3520/3521 with a grade of "C" or higher

Corequisite: CHEM 4300;

Description: Laboratory component designed for students in the allied health fields. Cellular processes including catalysis, metabolism, bioenergetics, and biochemical genetics.

CHEM 4310 - Biochemistry I

Credit Hours 3

Prerequisite: CHEM 3520/ 3521 and BIOL 1110/ 1111 with grades of "C" or higher

Corequisite: CHEM 4311;

Description: The structure/function relationship of biomolecules, enzyme catalysis, bioenergetics, and regulatory mechanisms.

CHEM 4311 - Biochemistry I Lab

Credit Hours 1

Prerequisite: CHEM 3520/3521 and BIOL 1110/ 1111 with grades of "C" or higher

Corequisite: CHEM 4310;

Description: Laboratory component for the structure/function relationship of biomolecules, enzyme catalysis, bioenergetics, and regulatory mechanisms.

CHEM 4320 - Biochemistry II

Credit Hours 3

Prerequisite: CHEM 4310/4311 with a grade of "C" or higher;

Corequisite: CHEM 4321;

Description: Continuation of CHEM 4310, examination of intermediary metabolism focusing on the processes of chemical transformation and regulation.

CHEM 4321 - Biochemistry II Lab

Credit Hours 1

Prerequisite: CHEM 4310/4311 with a grade of "C" or higher;

Corequisite: CHEM 4320;

Description: Laboratory component that is a continuation of 4310, examination of intermediary metabolism focusing on the processes of chemical transformation and regulation.

CHEM 4340 - Advanced Biochemistry

Credit Hours 4

Prerequisite: CHEM 4320 with a grade of "C" or higher

Description: Biochemical literature, special topics in biochemistry, and the principle and techniques of experimental biochemistry.

CHEM 4350 - Physical Biochemistry

Credit Hours 3

Prerequisite: CHEM 4310/4311 with a C or higher and PHYS 2020 or PHYS 2120 with a C or higher and MATH 1910 with a C or higher

Corequisite: CHEM 4351

Description: Classical physical chemistry topics, focusing on applications relevant to the life sciences.

CHEM 4351 - Physical Biochemistry Lab

Credit Hours 1

Prerequisite: CHEM 4310/4311 with a C or higher and PHYS 2020 or PHYS 2120 with a C or higher and MATH 1910 with a C or higher

Corequisite: CHEM 4350

Description: Laboratory component for classical physical chemistry topics, focusing on applications relevant to the life sciences.

CHEM 4360 - Biochemical Toxicology

Credit Hours 3

Prerequisite: CHEM 3520/3521 and (two upper division biology or biochemistry courses) with all grades of "C" or higher;

Description: A lecture course that introduces students to the different areas of study in toxicology with an emphasis on biochemical toxicology, current toxicological research methods, and critical analysis of research papers.

CHEM 4380 - Independent Study

Credit Hours 1

Description: Independent study

CHEM 4440 - Advanced Inorganic Chemistry

Credit Hours 3

Prerequisite: CHEM 3440/3441 and 3610/3611; (CHEM 3220/3221 strongly recommended) with grades of "C" or higher;

Corequisite: CHEM 4441;

Description: Bonding and structure; coordination chemistry including stereo chemistry, magnetism, spectra, synthesis, and reaction mechanisms; metallic bonding; and bioinorganic applications.

CHEM 4441 - Advanced Inorganic Chemistry Lab

Credit Hours 1

Prerequisite: CHEM 3440/3441 and 3610/3611; (CHEM 3220/3221 strongly recommended) with grades of "C" or higher;

Corequisite: CHEM 4440;

Description: Laboratory component for bonding and structure; coordination chemistry including stereo chemistry, magnetism, spectra, synthesis, and reaction mechanisms; metallic bonding; and bioinorganic applications.

CHEM 4460 - Materials Chemistry

Credit Hours 3

Prerequisite: CHEM 3510/3511 with a grade of "C" or higher;

Corequisite: CHEM 4461;

Description: The chemistry of metals, ceramics, polymers, composites, and nanomaterials, structure of solids; properties of materials; phase diagrams; application and processing of materials.

CHEM 4461 - Materials Chemistry Lab

Credit Hours 1

Prerequisite: CHEM 3510/3511 with a grade of "C" or higher;

Corequisite: CHEM 4460;

Description: Laboratory component for the chemistry of metals, ceramics, polymers, composites, and nanomaterials, structure of solids; properties of materials; phase diagrams; application and processing of materials.

CHEM 4540 - Organic Spectroscopy

Credit Hours 4

Prerequisite: CHEM 3220/3221, 3520/3521, 3610/3611 with grades of "C" or higher

Description: Theory, use, and interpretation of spectroscopic data from FT-IR, GC-MS 1-D and 2-D multinuclear FTNMR, and UV-VIS.

CHEM 4550 - Advanced Organic Chemistry

Credit Hours 3

Cross Listed: CHEM 5550/5551 (see graduate bulletin for description)

Prerequisite: CHEM 3520/3521 with grades of "C" or higher

Corequisite: CHEM 4551

Description: Advanced studies of bonding, stereochemistry, acids and bases, mechanisms, and effects of structure on reactivity as related to organic reactions. Includes an in-depth study of organic reactions.

CHEM 4551 - Advanced Organic Chemistry Lab

Credit Hours 1

Cross Listed: CHEM 5550/5551 (see graduate bulletin for description)

Prerequisite: CHEM 3520/ 3521 with grades of "C" or higher

Corequisite: CHEM 4550

Description: Laboratory component for the advanced studies of bonding, stereochemistry, acids and bases, mechanisms, and effects of structure on reactivity as related to organic reactions. Includes an in-depth study of organic reactions.

CHEM 4750 - Analytical Method Development

Credit Hours 1

Prerequisite: CHEM 3210/3211 with a grade of "C" or higher;

Corequisite: CHEM 4751;

Description: An in-depth treatment of the development and validation of methods used in chemical analysis. Quantitative and qualitative methods involving both wet chemistry and instrumentation will be used, integrating the concepts of quality control, statistical methods, record keeping and regulatory compliance.

CHEM 4751 - Analytical Method Development Lab

Credit Hours 2

Prerequisite: CHEM 3210/3211 with a grade of "C" or higher;

Corequisite: CHEM 4750;

Description: Laboratory component of an in-depth treatment of the development and validation of methods used in chemical analysis. Quantitative and qualitative methods involving both wet chemistry and instrumentation will be used, integrating the concepts of quality control, statistical methods, record keeping and regulatory compliance.

CHEM 4790 - Chemistry Internship

Credit Hours 1

Prerequisite: CHEM 3520/3521 with grades of "C" or higher

Description: Internship experience providing practical exposure and experience. Student will be assigned to a departmentally approved laboratory for a pre-determined time period, which will dictate the amount of credit earned. The host laboratory may require background checks and drug screening of student interns.

CHEM 4840 - Selected Topics in Chemistry

Credit Hours 3

Prerequisite: CHEM 3510/3511 or CHEM 3210/3211 with grades of "C" or higher

Description: Advanced topics in chemistry for majors and minors. May be repeated for up to 12 hours.

CHEM 4860 - Scientific Communication

Credit Hours 3

Dual Listed: CHEM 5860

Prerequisite: CHEM 3510/3511 OR CHEM 3210/3211 with grades of "C" or higher

Description: Overview of written, visual, and oral methods of science communication; major sources of scientific information and procedures for their efficient use. Focus will be on writing papers, proposals, and presentations targeting both scientific and non-scientific audiences.

CHEM 4941 - Elements of Research

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: permission of instructor (also CHEM 2941 recommended)

Description: Independent original research on individual projects; chemical literature review and presentation of results. May be repeated until project is completed; however, approval of department chair is required for more than eight hours.

CHEM 4990 - Research Thesis

Credit Hours 1

Prerequisite: CHEM 4941 and permission of instructor

Description: Preparation of a thesis and oral presentation of original research. Thesis must follow the guidelines of the ACS Style Guide and the Chemistry Department, and will be evaluated by a committee which will include the department chair or his/her degree.

Chinese

CHIN 1010 - Elementary Chinese I

Credit Hours 3

Description: Introduction to Chinese language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening.

CHIN 1020 - Elementary Chinese II

Credit Hours 4

Prerequisite: CHIN 1010

Description: Introduction to Chinese language and culture with emphasis on oral communication. Extensive practice in reading, writing, and listening.

CHIN 2010 - Intermediate Chinese I

Credit Hours 3

Prerequisite: CHIN 1020 or permission of instructor

Description: A comprehensive review of Chinese along with extensive reading, close textual examination and discussion of representative works of Chinese literature.

CHIN 2020 - Intermediate Chinese II

Credit Hours 3

Prerequisite: CHIN 2010 or permission of instructor

Description: A comprehensive review of Chinese along with extensive reading, close textual examination and discussion of representative works of Chinese literature.

Classics

CLAS 2000 - Introduction to Ancient Civilization

Credit Hours 3

Description: A study of the daily life and social systems of ancient Greece, with a focus on Athens in the 5th century BCE, Republican Rome, and the Roman Empire. Topics include government, sport, family life, slavery, science, mathematics, law,

cult, travel, religion, etc. All readings in English.

CLAS 2010 - English Words from Latin and Greek

Credit Hours 3

Course Changes: New course to begin Spring 2017.

Description: Origin and derivation of words from Latin and Greek roots, prefixes, and suffixes most frequently found in the English language. Exercises to increase vocabulary and aid comprehension. Attention also given to the colorful word play and figurative language that makes English such a rich, evocative language. No foreign language prerequisites.

CLAS 2110 - Medical and Scientific Terms

Credit Hours 3

Description: This course presents the Greek and Latin roots that are used in various combinations in medical and scientific terminology. The course is designed to assist students primarily in the medical fields, especially those who will be enrolled in Anatomy and Physiology, as well as those in pre-pharmacy and other similar programs, and will also be of use to others studying scientific fields.

CLAS 2310 - Classical Mythology

Credit Hours 3

Description: A study of the major myths of ancient Greece and Rome. Topics include the interpretation of myth, differences among myths, legends, and folktales, and the use of myth after the Classical period.

CLAS 2410 - Introduction to Ancient Literatures

Credit Hours 3

Description: A study of the major writers of ancient Near East, Greece, and Rome in English translation. Topics may include various genres, the judgment of translations, and the post-classical life of ancient Near Eastern, Greek, and Roman literature.

CLAS 3240 - The Classical Tradition in English Poetry

Credit Hours 3

Prerequisite: ENGL 2330

Description: A study of the various poetic styles and traditions of Classical Greece and Rome and how they influenced the course of English poetry. Topics include ancient theories of poetry, examples of ancient poems, and specific English poets and poems from Chaucer to the twentieth century.

CLAS 3310 - Greek Mythology

Credit Hours 3

Prerequisite: ENGL 2330

Description: A study of the major myths of ancient Greece and Rome. Topics include the interpretation of myth, differences among myths, legends, and folktales, and the use of myth after the Classical period.

CLAS 3330 - The Odyssey in Western Literature

Credit Hours 3

Prerequisite: ENGL 2330;

Description: A study of the western literary tradition as it interacts with Homer's Odyssey. Works from various literary eras and western civilizations will be read. Reading list may include works like Joyce's Ulysses, Walcott's

Omeros, Atwood's Penelopiad, and other ancient sources.

CLAS 3400 - Greek and Roman Archaeology

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ENGL 2330

Description: An introduction to the archaeology of ancient Greece and Rome, with attention to sites from the Neolithic period through the Late Antique period. Topics covered include developments in art and architecture, as well as, the history of archaeological thought.

CLAS 3410 - Greek and Roman Religion

Credit Hours 3

Prerequisite: ENGL 2330;

Description: Introduction to religious beliefs and practices of the ancient Greeks and Romans, concentrating on Athens in the fifth and fourth centuries B.C. and Rome in the 1st centuries B.C. and A.D., and exploring cult practices in other periods and areas under Greek or Roman influence, including early Christianity. Major deities, rituals, festivals, cults, sanctuaries, and their context within civic life. Knowledge of Greek and/or Latin language not required.

CLAS 3510 - Sport in the Ancient World

Credit Hours 3

Prerequisite: ENGL 2330

Description: A history of the development of athletics in ancient Greece and Rome. Topics may include major athletic festivals, sites connected with athletics, the events, the literature of sport, and the politics of sport.

CLAS 3520 - Sex and Gender in the Greco-Roman World

Credit Hours 3

Prerequisite: ENGL 2330

Description: Introductory survey of women, gender, and sexuality in the ancient Mediterranean world, especially Greece and Rome. Literary, epigraphical, art historical, archaeological, and material culture evidence forms basis of discussion.

CLAS 3530 - Race and Ethnicity in the Ancient Greco-Roman World

Credit Hours 3

Prerequisite: ENGL 2330;

Description: An introduction to how the Greeks and Romans articulated the concepts of race and ethnicity in their societies

according to genetic, cultural, and environmental categories, and how they organized their social world according to these ideas. All readings, including ancient source material, are in English.

CLAS 3610 - Greek Civilization

Credit Hours 3

Prerequisite: ENGL 2330

Description: A study of the daily life and social systems of ancient Greece, with a focus on Athens in the 5th century B.C. but with attention also given to rural areas and other city-states. Topics include government, sport, family life, slavery, science, mathematics, law, cult, etc. All readings in English.

CLAS 3620 - Roman Civilization

Credit Hours 3

Prerequisite: ENGL 2330

Description: A study of the daily life and social systems of Ancient Rome and the Roman Empire. Topics may include government, sport, family life, slavery, science, law, travel, religion, etc. All readings are in English.

CLAS 4100 - The Ancient Greco-Roman City

Credit Hours 3

Prerequisite: ENGL 2330; or approval of instructor

Description: An introduction to how Greeks, Romans, and Near Eastern peoples theorized, constructed, and maneuvered in their cities. Topics will include ancient urban planning; the concept of the city in literature, philosophy, and law; and archaeological evidence for how cities were lived in. All readings are in English.

CLAS 4900 - Topics in Classical Studies

Credit Hours 3

Prerequisite: ENGL 2330

Description: This course will offer an in-depth exploration of a particular topic or idea in Classics. Examples of possible offerings would be paleography, epigraphy, urban life in antiquity, the Aegean Bronze Age, and so on. This course may be repeated to three times for a maximum of nine (9) hours of credit.

Communication Arts

COMM 409A - Special Topics in Communication

Credit Hours 3

Description: Selected topics of interest to students concerning their studies in Broadcast Media or Sports Broadcasting.

COMM 425A - Broadcasting Practicum

Credit Hours 1

Prerequisite: Permission of instructor prior to registration

Description: Special production projects in the radio or video studio to complement academic study in radio and television. Pass/Fail.

COMM 426A - Communication Practicum

Credit Hours 1

Prerequisite: Permission of instructor

Description: Special audio or video production projects or professional communicator experiences in a campus setting which complement study in radio, television/cable, public relations, and corporate communication. Pass/Fail.

COMM 480A - Independent Study in Mass Communication

Credit Hours 3

Prerequisite: Communication Arts majors only with permission of instructor

Description: Supervised readings and research projects in selected areas of communication. Open only to Communication Arts students with permission of the instructor.

COMM 499 A, B - Special Topic in Communication

Credit Hours 3 each

Description: Selected topics of interest to students concerning their studies in Broadcast Media or Sports Broadcasting.

COMM 499A - Special Topics in Communication

Credit Hours 3

Description: Selected topics of interest to students concerning their studies in Broadcast Media or Sports Broadcasting.

COMM 1110 - Media and Social Institutions

Credit Hours 3

Description: The historical development and current status of mass media are explored from a consumer's point of view with the goal of media literacy. Students develop global perspectives by encountering issues dealing with the relationship of the mass media to education, society, politics, economics, religion, family, and the individual.

COMM 1200 - Introduction to Mass Communication

Credit Hours 3

Description: Designed to introduce the student to the mass media. Course explores media as institutions in American society.

COMM 1400 - Introduction to Public Relations

Credit Hours 3

Description: History, function, and practice of public relations with emphasis on persuasion, public opinion, mass media and their application to public relations.

COMM 1600 - Introduction to Popular Culture

Credit Hours 3

Description: Introduction to the basic theories and approaches to the study of popular culture, including the various media, literature, music, folklore, culture, society and everyday life.

COMM 1900 - Introduction to Event Planning

Credit Hours 3

Description: This is course is a comprehensive introduction to the meeting and event planning industry. The course includes researching, designing, organizing and assessing events and meetings.

COMM 2000 - Media Writing

Credit Hours 3

Prerequisite: COMM 1110; ENGL 1010 with a grade of "C" or higher, ENGL 1020

Description: Beginning media writing course for media communication. Introduces skills associated with in media writing, grammar, media style and information gathering for journalism and communication media

COMM 2010 - Introduction to Corporate Communication

Credit Hours 3

Prerequisite: COMM 1110 or COMM 1400 or COMM 2000

Description: An introduction to corporate communication including a focus on status, development, essential writing styles, and the role of advertising, branding, marketing communication, and public relations in today's communication industry.

COMM 2045 - Public Speaking

Credit Hours 3

Description: Public speaking principles with emphasis on preparation and presentation of informative and persuasive speeches.

COMM 2090 - Interpersonal Communication

Credit Hours 3

Description: Communications' role in interpersonal relationships with emphasis on the application of theory in dyadic situations.

COMM 2140 - Principles of Radio and Television Production

Credit Hours 3

Description: Operation and function of radio and television stations. Experience in production procedures in studios of university stations with emphasis on program preparation, design and performance.

COMM 2160 - Professional Communication Production

Credit Hours 3

Description: Provides students with an over-view of various types of media production necessary for a successful career in Professional Communication fields. In addition to the basic skills needed for audio, video and podcasting, this course will also cover photojournalism, media imaging, digital publishing, social media production including web design, blogging, and vlogging.

COMM 2170 - Introduction to Sports Communication

Credit Hours 3

Description: Students learn the structure, strategies, and techniques of sports communication, which serves the dual role as journalism and entertainment. The course considers different content and types of radio and television sportscasting. assignments include broadcast coverage of athletic events and subsequent critique.

COMM 2200 - Sports Interviewing and Writing

Credit Hours 3

Description: The course explores the sports interview. Students will examine theoretical and practical issues related to interviewing coaches, players, administrators, and others related to the sports industry.

COMM 2310 - Small Group Communication

Credit Hours 3

Description: The nature of communication processes occurring in a small group setting. Focus will be given to decision-making in groups; gathering, assessing, and using information; leadership and power; and resolving conflict.

COMM 2400 - Writing for the Electronic Media

Credit Hours 3

Prerequisite: COMM 1110

Description: This course will cover formats and techniques of writing for the broadcast media. The course will discuss writing copy for the electronic media including general continuity, commercials, and information related copy such as public service announcements and editorials.

COMM 2720 - Introduction to the Internet

Credit Hours

Description: This course provides students with an orientation to the Internet as an everyday communication tool, medium impacting society, and high technology communication industry.

COMM 2920 - Photojournalism

Credit Hours 3

Description: Provides students with skills in the storytelling function of journalism.

COMM 2930 - Media Imaging

Credit Hours 3

Description: Students are introduced to media imaging software and applications for creating, editing, and compressing electronic images. Student then work with media imaging software in laboratory sessions to create projects and edit images for web design, print and web journalism, broadcast media, public relations, and media technology.

COMM 3010 - Integrated Corporate Communication

Credit Hours 3

Prerequisite: COMM 2010 or COMM 1400 or COMM 2000

Description: This course explores various types of integrated marketing communication used in corporate America in the 21st Century to deliver brand differentiation, identity, and value through the online media channels.

COMM 3090 - International Communication

Credit Hours 3

Description: This course offers international perspectives to students in communication.

COMM 3100 - Digital Publishing

Credit Hours 3

Description: Students develop the basic skills needed in electronic desktop publishing, including instruction in popular desktop publishing programs, providing hands-on experience. Course requires students to complete several practical projects including a newsletter and brochure.

COMM 3200 - Copy Editing

Credit Hours 3

Prerequisite: COMM 2000

Description: Instruction and practice in editing newspaper stories for style, meaning, and accuracy, in writing headlines, and in designing newspaper pages.

COMM 3210 - Sports and Media

Credit Hours 3

Description: Beginning with an examination of the historical role of media and sports, students will explore theoretical and practical changes that have shaped the sports media industry.

COMM 3240 - Investigative War Reporting

Credit Hours 3

Description: Student will delve into the intellectual and practical worlds of investigative war reporting. In this rigorous research and writing class, students learn to use the styles and techniques of investigative journalists.

COMM 3320 - Business and Professional Communication

Credit Hours 3

Prerequisite: COMM 1010 or permission of instructor

Description: Theories of persuasion are applied to business presentations. Interview techniques, group dynamics, and use of communication technology in the professional business setting.

COMM 3350 - Broadcast Announcing

Credit Hours 3

Prerequisite: COMM 1110

Description: A detailed and practical examination of broadcast techniques. Topics include: voice use and improvement; coping with mic and camera fright, and various styles of announcing. Students will be required to demonstrate an improvement in announcing technique and ability.

COMM 3400 - Mass Communication Research Methods

Credit Hours 3

Prerequisite: COMM 1110 and ENGL 1010 and ENGL 1020

Description: Application of qualitative and quantitative media research methods including survey research, focus groups, content analysis and experimental studies. The course prepares students to conduct research for media studies, public relations, and marketing communication programs.

COMM 3410 - Data Analysis and Mass Communications Research

Credit Hours 3

Description: The purposes of this course is to apply some commonly used data analysis techniques in the field of communication, develop a deeper appreciation of research strategies and analysis decisions, and provide the opportunity for practice in analyzing quantitative data.

COMM 3420 - Principles of Social Media

Credit Hours 3

Prerequisite: COMM 1110 or 1400 , junior status, or instructor approval

Description: Students work to understand how social media fit into the larger digital communication environment, examine and analyze various social media platforms, and develop communication strategies they can use as social media professionals.

COMM 3450 - Broadcast News Writing

Credit Hours 3

Prerequisite: COMM 2000 or 3920 or permission of instructor

Description: Concepts of writing for broadcast media including format, style and deadline requirements, and the use of radio and visual elements in the news. This course is writing intensive and requires student activities outside the classroom.

COMM 3550 - Audio Production 1

Credit Hours 3

Prerequisite: COMM 2140

Description: Practical application required of students in the study of audio production for radio and television. Studio exercises which demonstrate the students audio production skills with voice, music, sound effects in a broadcast studio setting.

COMM 3600 - Radio Theatre Workshop

Credit Hours 3

Prerequisite: COMM 3550, junior status, or permission of instructor.

Description: A workshop on theatrical productions delivered to a mass audience through radio. Special consideration will be given to the incorporation of sound effects. Study will include script writing, characterization, and time restraints in electronic media. Course will climax with an original production by students.

COMM 3610 - Multimedia News Reporting

Credit Hours 3

Prerequisite: ENGL 1010 with a grade of "C" or higher; ENGL 1020, COMM 2000

Description: Specific application of news gathering techniques, multimedia content creation and presentation in journalism

COMM 3650 - Popular Culture in the South

Credit Hours 3

Description: An indepth examination of the American South as a definitive sub-culture. Analysis of social elements such as food, music, family, traditions, language, gender, and race. Special emphasis on analysis of representative books, rhetoric, plays, and films.

COMM 3710 - Corporate Media Scriptwriting

Credit Hours 3

Description: Practical experience in creating scripts specifically tailored to corporate media/multimedia presentations.

COMM 3720 - Authoring Web Pages

Credit Hours 3

Prerequisite: COMM 1110

Description: Skills needed in developing web pages, HTML and popular web design programs, elements of design, online publications, history of the Internet, censorship, ethics, and advertising on the web.

COMM 3730 - Internet and Web Technology

Credit Hours 3

Description: Students explore the technology of the Internet through study and practice involving networks, domain name service, IP addressing, online protocols, equipment, cabling, connections, servers and various operating systems.

COMM 3750 - Event Planning: Risk Management

Credit Hours 3

Prerequisite: COMM 1900

Description: Students will examine the legal risks involved in event planning and event management.

COMM 3760 - Video Production 1

Credit Hours 3

Prerequisite: COMM 2140

Description: Each student enrolled will be responsible for the development and production of several short video projects. Skills will be developed in all areas of television production and related concepts.

COMM 3770 - Social Media Tactics

Credit Hours 3

Prerequisite: COMM 1110 or 1400 or 2010, junior status or permission of instructor.

Description: Social media are studied as relevant communication industry tactics used as digital, multimedia tools in advertising, corporate communication, internet technology, journalism, marketing communication, and public relations.

COMM 3800 - Principles of Media Advertising

Credit Hours 3

Description: Students learn the principles of advertising and the role of advertising communication in society and in organizations; reviews advertising and persuasive ethics and the impact of advertising on media and offers a survey of various advertising types including print, broadcast, direct response, and new technology-based advertising efforts.

COMM 3810 - Live Studio Production

Credit Hours 3

Prerequisite: COMM 2140

Description: Students learn the principles of a live television production. Television and broadcasting elements will be incorporated that are necessary in creating and producing a live production.

COMM 3915 - Advanced Event Planning

Credit Hours 3

Prerequisite: COMM 1900

Description: This course is designed to provide hands-on experience in event planning. Students will work to plan and execute events from start to finish with instructor oversight and advisement.

COMM 3920 - Writing for Professional Communication

Credit Hours 3

Description: Focuses on writing techniques for Professional Communication including basics of writing in formats to meet the needs of media outlets to include broadcast, print, and social media.

COMM 3925 - Corporate Social Responsibility

Credit Hours 3

Pre/Corequisite COMM 2010

Description: Provides a comprehensive examination at the efforts by organizations to provide guidance, provisions, and actions that benefit the greater good of society. These efforts include any action that goes beyond regulatory requirements to make a positive impact on all stakeholders both internal and external. Issues covered include philanthropy, workplace equality, diversity, ethical marketing, brand activism, community involvement, economic responsibility and environmental accountability.

COMM 3950 - Methods of Film Analysis

Credit Hours 3

Prerequisite: Junior standing or permission of instructor

Description: This course begins with an examination of the elements of film form. The course will provide students with the terminology to analyze films and fortify students analytical skills. Representative films are exhibited. Emphasis is placed on dramatic structure, types of film, film theory and the function of film.

COMM 4000 - Editorial and Opinion Writing

Credit Hours 3

Prerequisite: , 2000; ENGL 1010 with a grade of "C" or higher; ENGL 1020 or instructor permission

Description: Exploration of theory and practice of opinion writing and editorial in traditional and multimedia formats, including examination of the intersection of historical and contemporary social, professional and intellectual concerns in the practice of media communication.

COMM 4010 - Communication Theory

Credit Hours 3

Prerequisite: COMM 1010 and Junior status or permission of instructor

Description: In this capstone course, communication theories are examined and applied to relevant social issues(gender, diversity, violence, social change, and entertainment). Students analyze and critique research findings, theoretical paradigms, and media effects.

COMM 4020 - Communication in Organizations

Credit Hours 3

Prerequisite: Students can take either COMM 4410 or 4020 (not both)

Description: Study of communication in complex human organizations. Course relates communication to values, leadership and uses of power in such organizational contexts as business, professional, social, educational and political groups.

COMM 4050 - Values, Ethics, and Diversity in American Popular Culture

Credit Hours 3

Description: This course examines the embedded cultural values and ethical behavior as they relate to diversity in popular media formats such as television, film and other mediums. Specifically, the course will delve into character models, social paradigms and the effects of media in shaping cultural attitudes about moral and ethical behavior. Students will also examine the American value and other messages as communicated by mass media.

COMM 4110 - Sports Communication Workshop

Credit Hours 3

Description: The course provides hands on experience in the production, direction, and editing of live sporting events. Announcing opportunities will also be available to interested and qualified students.

COMM 4115 - Sports Announcing

Credit Hours 3

Prerequisite: COMM 2170, 2200

Description: Introduction to the field of sports announcing. The course will also provide practical sports broadcasting experience with opportunities at radio, television, and other media outlets.

COMM 4120 - Sports Marketing

Credit Hours 3

Prerequisite: Students can take either COMM 4410 or 4020 (not both)

Description: The course will be an in-depth examination of the role of marketing in the sports arena. Students will examine the issues of product placement, camera view, uniforms, superimposed images, sports commentaries, personalities, etc.

COMM 4150 - Feature Writing

Credit Hours 3

Prerequisite: COMM 2000 or COMM 3920 or permission of instructor

Description: Students study feature writing across multiple news media including newspapers, magazines, radio, television, the Web, and social media.

COMM 4300 - Topics in Popular Culture

Credit Hours 3

Description: In-depth study of popular culture and American society in everyday life through selected themes, topics, era and issues.

COMM 4310 - Documentary Production

Credit Hours 3

Prerequisite: COMM 2140, 3760 and junior standing or permission of the instructor;

Description: Through viewings, lectures, class discussions, and hands-on activities, class members learn to research, write, interview, direct, shoot, and edit a documentary. The class works in small production teams, using camcorders and editing equipment, to produce mini-documentaries designed by each team.

COMM 4337 - Video Game Studies

Credit Hours 3

Prerequisite: COMM 1110, junior status or permission of instructor.

Description: This course explores the interdisciplinary field of video game studies. It examines video games as entertainment, cultural artifacts, and communicative texts to be studied and analyzed. Students examine the history of video games, methods of game analysis, issues in video games studies, and their own gaming history and habits.

COMM 4350 - Broadcast Management

Credit Hours 3

Prerequisite: COMM 1110, junior status or permission of instructor.

Description: Fundamentals of all aspects of programming: news, sports, drama, entertainment, and education; writing of scripts, directing and editing of programs for the electronic media.

COMM 4400 - Politics and Mass Media

Credit Hours 3

Cross Listed: POLS 4400

Description: Media's role in U.S. politics; influence of mass media on political opinions, on elections, on political participants, and on public policy; and how political participants help shape the messages sent out by mass media.

COMM 4410 - Conflict Resolution and Negotiation

Credit Hours 3

Prerequisite: Students can take either COMM 4410 or 4020 (not both)

Description: This course is designed to provide students with various approaches to conflict resolution and negotiation. The readings will focus on the role of conflict within an organizational setting. Case studies will be used to provide participants with actual conflict situations.

COMM 4444 - Cultural Context in Communication

Credit Hours 3

Description: This course integrates aspects of the Liberal Arts core with the effects of communication on culture and society, explore the role communication plays in creating social reality; and focus on the media in relation to gender roles, portrayals of women and minorities, impacts of global media, violence, politics, law, the arts, religion, science, health, education, consumer behavior, and the family.

COMM 4450 - Mass Media and Women

Credit Hours 3

Description: Historical overview of women reporters and managers in U.S. media; examination of current portrayals of women

and men in media news, entertainment and advertising; discussion of research into the influence of these portrayals on audience at attitudes.

COMM 4470 - Race, Gender, and Mass Media

Credit Hours 3

Prerequisite: Junior standing

Description: Examination of current and historical portrayals of ethnic minorities and men and women in media news, entertainment, and advertising; discussion of research into the influence of these portrayals on audience attitudes.

COMM 4510 - Communication and Public Opinion

Credit Hours 3

Description: The purpose of this course is to provide an overview of the concept of "public opinion" and to explore the relationships between communication and public opinion. An important normative goal will be to explore ways to allow media messages to contribute to a healthy civic life rather than deviate from it.

COMM 4550 - Audio Production II

Credit Hours 3

Prerequisite: COMM 3550 and permission of instructor

Description: An intensive senior level course which requires students to demonstrate development in extensive and in-depth advanced level audio production requirements and projects.

COMM 4600 - Media Ethics

Credit Hours 3

Description: An in-depth examination of ethical principles and conduct as they apply to mass media. Topics covered include codes of ethics, forces which affect ethical decision-making in media, consequences of ethical decisions, and media responsibility.

COMM 4650 - Mass Media Law and Ethics

Credit Hours 3

Prerequisite: Junior or senior standing or permission of instructor

Description: Background of legal and ethical aspects of working in media, focusing First Amendment rights, defamation, privacy, advertising, press rights, copyright protection, telecommunication regulation, and media ethics.

COMM 4700 - Magazine Production

Credit Hours 3

Prerequisite: COMM 2000 or instructor permission

Description: Students learn and apply the principles of multimedia magazine production. Multimedia production elements are incorporated as necessary to create digital and/or print magazine publications.

COMM 4710 - New Journalism

Credit Hours 3

Prerequisite: , 2000; ENGL 1010 with a grade of "C" or higher, ENGL 1020 or instructor permission

Description: Students study the history and craft of writing long-form journalism across multiple platforms.

COMM 4760 - Video Production II

Credit Hours 3

Prerequisite: COMM 3760

Description: An intensive senior level video production course which requires advanced level video production skills and uses both studio and field production techniques in the production of longer types of video production.

COMM 4900 - Mass Communication Internship

Credit Hours 3 to 9

Variable Credit Hours 3 to 9

Prerequisite: Communication majors only. Junior or senior status.

Description: Practical experience in a professional communication medium to augment classroom activity intended for advanced students. Students are required to document internship activities according to department policy.

COMM 4910 - Public Relations Campaigns

Credit Hours 3

Description: The establishment of public relations campaigns and an examination of each of its' components within the public relations process of research, objectives, programming, and evaluation. Students actually design and implement comprehensive public relations campaigns and review campaign case studies.

COMM 4920 - Portfolio Development

Credit Hours 3

Prerequisite: Senior status

Description: In this course, designed as a capstone course for communication major, students will develop a professional portfolio.

COMM 4950 - Convergence Journalism Capstone

Credit Hours 3

Prerequisite: Senior standing;

Description: Journalism students in this capstone course will apply the knowledge and hands-on skills acquired through prior classes in the concentration, producing multimedia content for multimedia platforms.

COMM 4960 - Film Scriptwriting

Credit Hours 3

Prerequisite: COMM 2000 or COMM 3920, junior status.

Description: This course will lead the student through a step-by-step process in advanced techniques of script analysis, creating story boards and writing successful treatments. The student will also receive extensive practice by scripting scenes for various film categories; documentary, short feature, animated subjects and full-length feature.

COMM 4970 - Television Scriptwriting

Credit Hours 3

Prerequisite: COMM 2000 or 3920, junior status.

Description: This course will lead the student through the current techniques or "formulas" of television writing. The students will receive extensive practice by writing scripts for both dramatic and comedic storylines in the 30 minute, 60 minute, and 2 hour formats.

COMM 4980 - Television Culture and Diversity

Credit Hours 3

Prerequisite: Junior standing;

Description: A critical study of diversity in TV. The course is an examination of television as a social and cultural institution and its impact on American society.

COMM 4995 - Convergence Media Capstone

Credit Hours 3

Prerequisite: Senior standing or permission of instructor

Description: In this capstone course for Broadcast Media students will apply the knowledge and hands-on skills acquired through prior classes in the concentration through the production of weekly program content for radio, television and social media platforms.

Communication Sciences and Disorders

CSDI 1010 - Speech Pathology and Audiology

Credit Hours 3

Description: Speech-language pathologists and audiologists are experts in the field of human communication. This course introduces students to clinical populations and the clinical processes of prevention, assessment and management using case studies. Includes guided observation of clinical practice.

CSDI 1030 - Introduction to Audiology

Credit Hours 3

Description: This course is designed to introduce students to the practice of audiology which uses hearing science, differential diagnosis and patient centered care to manage hearing loss and balance disorders. Students will learn foundational knowledge and skills in the areas of prevention, identification, management and treatment.

CSDI 2020 - Language Development and Acquisition

Credit Hours 3

Description: This course will provide an overview of language acquisition and development from birth through adolescence. Stages, processes, and major theories that try to explain it will be taught with an emphasis on phonologic, morphologic, syntactic, semantic, and pragmatic components.

CSDI 2030 - Acoustics and Perception of Speech

Credit Hours 3

Description: This course introduces the student to the concepts associated with the production and perception of speech. The student will explore the ways in which physics and physiology interact to give rise to sound sensations and perception involved in human communication.

CSDI 2040 - Phonetics

Credit Hours 2

Description: This course will provide an introduction to phonetic transcription using the International Phonetic Alphabet. Students will practice transcription of normal and disordered speech including the use of broad and narrow diacritic symbols. Students will learn about transcription of Standard English and dialects.

CSDI 2060 - Applied Anatomy and Physiology for Communication Sciences

Credit Hours 3

Description: This course will provide an overview of the anatomical structures that support the communication and swallowing

processes. The physiology and interconnections of the respiratory, phonatory, articulatory, resonance, neurological, hearing and deglutition systems will be examined.

CSDI 2080 - Child Communication Disorders, Assessment and Treatment

Credit Hours 3

Description: This course will examine the etiologies, characteristics, assessment, and intervention principles for pediatric clients with speech, language, and/or swallowing disorders. Evidence-based practice across prevention, assessment and intervention strategies for this population will be emphasized.

CSDI 3000 - Guided Observations in Speech-Language Pathology

Credit Hours 2

Description: This course will require students to complete a minimum of 20 guided observation hours of professional practice in speech-language pathology with collaborative debriefs to facilitate reflective clinical behaviors. Guided observations will be conducted under the supervision of an ASHA certified state licensed clinical educator.

CSDI 3020 - Neurological Basis of Communication Disorders

Credit Hours 3

Variable Credit Hours 0

Description: This course introduces students to the basic anatomy and physiology of the nervous system. The course will examine how the major sensory, motor, and integrative neural systems of the human brain produce perceptions, control body functions, generate behavior and how impaired brain function causes various communication disorders.

CSDI 3030 - Aural Rehabilitation

Credit Hours 3

Prerequisite: CSDI 1030, 2020

Description: The effects of hearing impairment on speech, language, education, and occupation in children and adults will be studied. Prevention and intervention techniques are presented in this course.

CSDI 3040 - Communication Disorders and the Exceptional Child

Credit Hours 3

Prerequisite: CSDI 1030, 2020

Description: This course introduces the student to the communication and communication needs of the exceptional child. The course will explore the unique clinical presentations associated with genetic, sensory, and environmental components to various disorders with an emphasis on how to facilitate communication in social and educational contexts. This course offers a service learning opportunity.

CSDI 3045 - Cultural Competence and the Speech-Language Pathologist

Credit Hours 3

Prerequisite: CSDI 2020

Description: This course is designed to introduce the student to the influence of cultural and linguistic variables on communication disorders. Exploration of an awareness of how one's values and experiences influence service delivery. Emphasizes knowledge and skills that will facilitate cultural competence in the provision of speech-language services.

CSDI 3060 - Adult Communication Disorders

Credit Hours 3

Prerequisite: CSDI 1030, CSDI 2020

Description: A study of etiologies and characteristics of adult communication disorders and mechanisms of human aging from a biopsychosocial model.

CSDI 3080 - American Sign Language I

Credit Hours 3

Variable Credit Hours 3

Prerequisite: HHP major with concentration in CSDI or permission of instructor.

Description: Introductory course for speech-language pathology and audiology students who require basic comprehension and expressive skills in American Sign Language, including vocabulary, grammar, and finger spelling to support service delivery with the deaf.

CSDI 3085 - American Sign Language II

Credit Hours 3

Prerequisite: CSDI 3080 Sign Language for Speech-Language & Hearing Sciences or equivalent course with a minimum grade of "C"

Description: Students with mastery of ASL fundamentals will expand practical skills in ASL and acquire knowledge for successful interactions within the Deaf community.

CSDI 4010 - Evidence Based Practice in Communication Sciences and Disorders

Credit Hours 3

Prerequisite: CSDI 1030, 2020

Description: This course introduces the student to research in communication sciences and disorders and how to integrate research principles into evidence-based practice. The course is designed to give the student the necessary skills to find, analyze and present scientific material for presentation or publication.

CSDI 4020 - Clinical Management of Communication Disorders

Credit Hours 3

Prerequisite: CSDI 2020, CSDI 2040, CSDI 2080, CSDI 3040

Description: This course will give students the opportunity to apply concepts and develop skills in the clinical practice of speech-language pathology. The course establishes expectations for clinical practicum by providing information and skills associated with the methodological, ethical, legal and cultural aspects of service delivery.

CSDI 4025 - Clinical Experience

Credit Hours 3

Prerequisite: CSDI 2020 CSDI 2040 CSDI 2080 CSDI 3000 CSDI 3040 CSDI 4020

Description: This course will provide students with the opportunity to develop their clinical skills and apply an evidence-based practice framework and ethical responsibilities. The student will be assigned a clinical supervisor and will assume responsibilities for various aspects of clinical management based on course expectations and student's performance.

CSDI 4030 - Legal, Ethical and Professional Issues in Communication Sciences and Disorders

Credit Hours 2

Prerequisite: CSDI 1030, 2020

Description: This course is designed to address legal, ethical and professional issues relevant to the practice of speech-language pathology and audiology. Laws that affect the professional disciplines across work settings, an ethical decision-making model and contemporary professional issues will be explored.

CSDI 4050 - Interprofessional Teaming

Credit Hours 1

Prerequisite: CSDI 1030, 2020

Description: This course will introduce the student to interprofessional teams. Students from different disciplines will use a person-centered approach to collaborate on a select case study as a context to apply core interprofessional competencies.

CSDI 4060 - Language and Literacy

Credit Hours 2

Prerequisite: CSDI 1030, 2020

Description: This course is designed to expose the student to the developmental processes of literacy acquisition and the relationship to language, including metalinguistic and metacognitive skills. The roles and responsibilities of the speech-language pathologist in prevention, assessment and treatment of disorders of reading, writing, and spelling are explored

CSDI 4080 - Language Science

Credit Hours 3

Prerequisite: CSDI 2020

Pre/Corequisite CSDI 2020

Description: This course is a study of the structure of language that will help students preparing for a career in speech-language pathology develop the metalinguistic skills to analyze and discuss normal and disordered language.

Computer Science

CSCI 1000 - Introduction to Computer Applications

Credit Hours 3

Description: History of computers and computing; social and ethical issues in computing; networks, communications, and the internet; computer hardware; system software; application software involving web browsers, word processing, spreadsheets, database management systems and presentation software.

CSCI 1001 - Introduction to Building Webpages

Credit Hours 1

Description: An introductory course in web development for those new to computer science. This course focuses on the fundamentals of building websites and good coding practices. Topics include learning HTML markup language and Cascading Style Sheets (CSS) style sheet language.

CSCI 1002 - Introduction to Java Language Basics

Credit Hours 1

Description: This is an introduction to coding using the Java programming language. Topics include overview of the Java syntax and structure; the use of integrated development environments for the creation and compilation of Java programs; the processes and methods for writing well-structured, well-documented, and well-performing computer programs to implement common information processing tasks.

CSCI 1004 - Introductory Computing Experience

Credit Hours 1 -3

Variable Credit Hours 1-3

Description: This is an introduction to computing experience course. Topics will include a selection from one or more popular areas of computing, such as (but not limited to) web development, application development, and video game development.

CSCI 1005 - Introduction to Information Technology

Credit Hours 3

Description: An introductory course with a focus on computer information technology. Topics include computer hardware and software, operating systems, networking, databases, and ethical issues in computing. An introduction to some programming and programming concepts is included.

CSCI 1010 - Introduction to Programming I

Credit Hours 3

Corequisite: CSCI 1011

Description: A first course in computer programming. Students will use a high-level object-oriented programming language to design, implement, debug, and test interactive software.

CSCI 1011 - Introduction to Programming I Lab

Credit Hours 1

Corequisite: CSCI 1010

Description: Laboratory component of Introduction to Programming I. Students will use a high-level object-oriented programming language to design, implement, debug, and test interactive software.

CSCI 1017 - Introduction to Python Programming

Credit Hours 3

Description: Introduction to programming with the Python language. Topics include basic input/output, mathematical calculation, graphics, strings, files, functions, decision structures, loop structures, and Booleans.

CSCI 1300 - Introduction to Web Development

Credit Hours 3

Description: Introduction to web development using HTML, CSS, and JavaScript. Topics include creating page layouts using HTML, using CSS to style pages, responsive web design, JavaScript data types, and manipulating the DOM.

CSCI 1899 - Undergraduate Work Experience

Credit Hours 1

Prerequisite: Permission of department chair

Description: Students will have a computer-related work assignment in a business environment. Students will document their experience according to standards established by the department. Students may repeat the course up to a total of 12 hours credit upon approval of the department chair.

CSCI 2000 - Programming for STEM

Credit Hours 4

Prerequisite: Permission of instructor

Pre/Corequisite MATH 1910

Description: This course is an introduction to computer programming for students in STEM-related disciplines. Course material ranges from introductory topics such as how computers represent numbers to more advanced topics such as object-oriented programming and data structures.

CSCI 2010 - Introduction to Programming II

Credit Hours 3

Prerequisite: CSCI 1010/CSCI 1011 with a C or better.

Corequisite: CSCI 2011

Description: Continuation of CSCI 1010. Students will learn to use object-oriented design, exception handling, recursive programming, and standard data structures to design, implement, test and debug software.

CSCI 2011 - Introduction to Programming II Lab

Credit Hours 1

Prerequisite: CSCI 1010 / 1011 with a grade of "C" or higher

Corequisite: CSCI 2010

Description: Laboratory component of Introduction to Programming II. Students will learn to use object-oriented design, exception handling, recursive programming, and standard data structures to design, implement, test and debug software.

CSCI 2500 - Discrete Structures

Credit Hours 3

Prerequisite: (C or better in CSCI 1010 or C or better in CSCI 2000) and MATH 1530

Description: An introduction to discrete mathematical concepts and their practical applications to computing.

CSCI 2600 - Computer Ethics

Credit Hours 3

Prerequisite: CSCI 1005 or 1010 or 2000

Description: Study and analysis of the social, legal and ethical issues that arise from the presence of computers in society. Problems are posed and solutions discussed from the viewpoint of the computer professional. Topics include computer viruses, spyware, spam, life-critical systems and privacy issues.

CSCI 2700 - Data Communications and Networking

Credit Hours 3

Prerequisite: CSCI 1005 or CSCI 1010 or CSCI 2000

Description: Fundamental concepts, definitions and theory of telecommunications and networking with practical applications. Special emphasis is on Internet Technology including the study of TCP/IP protocols. Other topics include LAN and WAN management, security and quality of service issues.

CSCI 3005 - Graphical User Interfaces

Credit Hours 3

Variable Credit Hours 3

Prerequisite: CSCI 2000 or 2010

Description: An introduction to designing graphical user interfaces (GUI) using modern languages and libraries. Covers GUI widgets and layout, as well as how to respond to events caused by interaction with the components.

CSCI 3090 - Parallel Programming

Credit Hours 3

Prerequisite: (CSCI 2010 and CSCI 2011) or CSCI 2000

Description: This course introduces the fundamentals of parallel programming and computing implemented in the shared and distributed system models. Course covers primarily programming of multithreaded applications using threads and OpenMP; other topics discussed include: implementing parallel algorithms, serial versus parallel algorithm performance, and MPI.

CSCI 3250 - Data Structure and Algorithms

Credit Hours 3

Prerequisite: CSCI 2000 or 2010

Description: Advanced data structures and their computer implementation. Binary trees, general trees, graphs, sorting algorithms, merging algorithms, hash codes, hash tables, file and memory allocation procedures.

CSCI 3300 - Client-Side Web Development

Credit Hours 3

Prerequisite: CSCI 1010 with a grade of "C" or higher, or

CSCI 1300 with a grade of "C" or higher, or

CSCI 2000 with a grade of "C" or higher

Description: This class introduces students to creating interactive and dynamic web-pages using the three core technologies of the modern web: HTML, CSS, and JavaScript. Topics will include areas such as form validation, DOM manipulation, and single page applications.

CSCI 3350 - User Experience Design

Credit Hours 3

Prerequisite: CSCI 1010 or CSCI 2000

Description: This course covers user experience design in the form of a combination of design principles, tools, methods, and frameworks, with which students can solve design problems in a principle-centered way. While focusing on the users of computer hardware and software, human-centered design principles are introduced for a chosen application domain, focusing on user experiences, and effective user interface design based on universal design principles and current computing technologies.

CSCI 3400 - Computer Organization I

Credit Hours 3

Prerequisite: CSCI 2000 or 2010

Description: Basic digital circuits, Boolean algebra and combinatorial logic, data representation and transfer, digital arithmetic, digital storage and accessing, control functions, input/output facilities, system organization and reliability, computer structure and programming at the machine language and assembler language level.

CSCI 3410 - Computer Organization II

Credit Hours 3

Prerequisite: CSCI 3400

Description: Continuation of 3400. Continued study of micro-processors, advanced logic design, sequential circuits, digital and switching waveforms, encoding of information, number representation and arithmetic, logical operations, computer architecture for very large and very small computer systems, memory systems, and CPU design.

CSCI 3500 - Automata Theory and Formal Languages

Credit Hours 3

Prerequisite: CSCI 3400 or MATH 3000;

Description: Introduction to the theory of automata and formal languages. Topics include regular expressions, grammars, deterministic and nondeterministic finite automata, stack-based automata, Turing machines, and undecidable problems.

CSCI 3550 - Introduction to Game Development

Credit Hours 3

Prerequisite: CSCI 2000 or CSCI 1010

Description: This course introduces state of the art techniques for computer game design and development with an emphasis on the 2D and 3D graphics and interaction through practical, example driven approaches of game development.

CSCI 3770 - Windows Server Administration

Credit Hours 3

Prerequisite: CSCI 2700

Description: This course covers the fundamental Windows system administration and Windows network administration principles. Topics covered include: directory structures, file management, user management, domains, group policy, networking services provided as part of Windows, including IIS, RRAS, DNS, WINS, and DHCP.

CSCI 3870 - Wireless Communication and Networking

Credit Hours 3

Prerequisite: CSCI 2700

Description: This course covers data communications as well as voice communications in wireless networks. Topics covered include: wireless standards in data and voice communications, radio frequency technologies, wireless LAN hardware and software, wireless network design, installation and management including security and site surveys.

CSCI 3900 - Internship

Credit Hours 3

Prerequisite: Permission of department chair

Description: Designed to provide academic credit for meaningful computer-related experience gained while working in a business or industry. Satisfactory employer evaluation and detailed written documentation of the work performed is required.

CSCI 4000 - Server-side Web Development

Credit Hours 3

Dual Listed: CSCI 5060

Prerequisite: CSCI 3300

Description: This course covers the server-side development of web-based platforms. A server-side language will be used to respond to client-side data requests and generate dynamic results. The course will also cover reading from and writing to a database as part of server-side functionality.

CSCI 4010 - Mobile Software Development

Credit Hours 3

Prerequisite: CSCI 2010

Description: An introduction to application development for small, mobile devices such as cell phones and smart phones. The class will examine topics including user interface design, application portability, web protocols, data storage, and security on platforms such as Android and iOS. All software development will be for the Android platform.

CSCI 4018 - Cloud Computing

Credit Hours 3

Variable Credit Hours 3

Prerequisite: CSCI 2010 or CSCI 2000

Description: An overview of cloud computing ecosystems, platforms, and methods of application development and deployment. Students will be introduced to basic cloud concepts including service, platforms, and approaches to distributed processing and data storage. Students will gain experience developing cloud-based applications.

CSCI 4050 - Multimedia Tools and Technique

Credit Hours 3

Prerequisite: CSCI 3300

Description: This course provides the student with hands-on experience using current versions of popular multimedia software on the PC. Static and dynamic images are created, manipulated, and integrated into applications. Video conferencing, and streaming audio and video are also examined. Three hours per week.

CSCI 4100 - Operating Systems and Architecture

Credit Hours 3

Prerequisite: CSCI 3400

Description: This course provides an overview of the principles and practical aspects of operating systems. Students will learn how operating systems provide virtualization, concurrency, and persistent storage and apply these concepts in systems programming assignments.

CSCI 4200 - Principles of Information Security

Credit Hours 3

Dual Listed: CSCI 5200

Prerequisite: CSCI 2700

Description: This course is an introduction to the technical and management aspects of information security and assurance. The course provides a foundation in understanding issues associated with security in computing including security threats and controls, protection of computer systems and data, use of technology such as firewalls, cryptography, and intrusion detection systems, response to security incidents, laws and ethics relating to information security, and an overview of the development of an Information Security Plan.

CSCI 4230 - Programming Languages

Credit Hours 3

Prerequisite: CSCI 3250

Description: This course provides an overview of the principles and practical aspects of programming languages. Students will learn how programming languages are designed and implemented and will complete programming assignments using different languages and programming paradigms.

CSCI 4270 - Algorithm Design and Analysis

Credit Hours 3

Prerequisite: CSCI 3250

Description: Algorithm design techniques and computational complexity analysis. Divide-and-conquer, dynamic programming, greedy approach, backtracking, branch-and-bound, complexity theory, P and NP problems.

CSCI 4350 - Compiler Design

Credit Hours 3

Prerequisite: CSCI 3250

Description: Review of program language structures, translation, loading execution, and storage allocation. Compilation of simple expressions and statements. Organization of a compiler including compile-time and run-time tables, lexical scan, syntax scan, object code generation, error diagnostics, object code optimization techniques, and overall design. A simple compiler is designed and implemented as a group project.

CSCI 4400 - Principles of Database Management

Credit Hours 3

Prerequisite: CSCI 2000 or 2010 or 3300

Description: Database development process, data structures and database methods of file storage, primitive databases, Relational model approach to database management, hierarchy, network and object oriented models, data security, discussion of sample databases such as DBASE, RDB, and SQL.

CSCI 4405 - Database Administration

Credit Hours 3

Prerequisite: CSCI 4400

Description: This course covers the fundamentals of database administration concepts, procedures, and practices.

CSCI 4450 - Artificial Intelligence

Credit Hours 3

Prerequisite: CSCI 3250

Description: Progress and procedures in the field of artificial intelligence. Natural language models, machine translation, simulation of belief systems, models of memory and cognition, games and game playing, winning strategies, robotics.

CSCI 4460 - Content Management Systems

Credit Hours 3

Prerequisite: CSCI 3300 and CSCI 4000

Description: This course introduces the concept of data and content management to the students. Students are to install, setup, configure, and use a content management system to create full-fledged data and content rich websites with customizable add-on features. Students will learn how to program and configure this content management system to tap into its programmable development potentials. In addition, the course covers an introduction to strategic management.

CSCI 4520 - Network Security

Credit Hours 3

Prerequisite: CSCI 2700

Description: An examination of the tools techniques, and technologies used in the securing of information assets via networks. Topics covered include network operating system security, security of transmissions, firewall configurations, vulnerabilities and hardening of network components. Web and distributed system security, and procedures dealing with storage and disposition of sensitive data.

CSCI 4550 - Computer Graphics

Credit Hours 3

Variable Credit Hours 3

Prerequisite: (CSCI 2000 or CSCI 2010) and MATH 1920

Description: This course covers the algorithms, data structures and mathematics used in the field of computer graphics. Topics will include algorithms, geometrical transformations, color models, light and shading, ray tracing, and rendering. Students will implement the algorithms in computer code.

CSCI 4560 - Robotics I

Credit Hours 3

Prerequisite: CSCI 3250, MATH 1910;

Corequisite: CSCI 4562

Description: An introduction to software development for intelligent robots capable of acting independently. Students will work with simulators and real robots. Topics include robotic operating systems and programming, sensors, control, and computer vision.

CSCI 4561 - Robotics II

Credit Hours 3

Prerequisite: CSCI 4560, CSCI 4562

Corequisite: CSCI 4563

Description: A continuation of CSCI 4560. More advanced robotics systems will be developed. Topics will include sensor fusion, localization, mapping, planning, and cooperation among robots.

CSCI 4562 - Robotics I Lab

Credit Hours 1

Corequisite: CSCI 4560

Description: This is the lab component of CSCI 4560. An introduction to software development for intelligent robots capable of acting independently. Students will work with simulators and real robots. Topics include robotic operating systems and programming, sensors, control, and computer vision.

CSCI 4563 - Robotics II Lab

Credit Hours 1

Prerequisite: CSCI 4560, 4562

Corequisite: CSCI 4561

Description: This is the lab component of CSCI 4561. Advanced robotics systems will be developed. Topics will include sensor fusion, localization, mapping, planning, and cooperation among robots.

CSCI 4570 - High Performance and Parallel Computing

Credit Hours 3

Prerequisite: (ENGR 4000 or PHYS 4000 or MATH 4670) and (ENGR 3005 or PHYS 3005 or MATH 3450)

Description: Covers single processor optimization, shared memory parallelism using OpenMP, and distributed memory parallelism using MPI within the context of writing software for numeric computation. Course focuses on writing and optimizing codes in FORTRAN, C/C++ for large computational resources.

CSCI 4600 - Software Engineering

Credit Hours 3

Prerequisite: CSCI 3005

Description: An introduction to software engineering. Introduces topics such as requirements, design, testing, and documentation. A software system is designed, developed and presented as a team project during the course.

CSCI 4601 - Testing and Quality Assurance

Credit Hours 3

Prerequisite: CSCI 3005

Description: Theory and practice for determining whether a software system conforms to its specification and intended use. Topics include methods of testing, verification and validation, performance evaluation, unit and system level testing, quality assurance processes and techniques.

CSCI 4602 - Software Design and Architecture

Credit Hours 3

Prerequisite: CSCI 3005

Description: Introduction to the design and architecture of large-scale software systems. Topics include software architecture, methodologies, model representation, patterns, frameworks, and documenting a system's design and architecture.

CSCI 4603 - Requirements and Project Management

Credit Hours 3

Prerequisite: CSCI 2010 or CSCI 2000

Description: Introduces students to project management for software systems. Requirement concepts include elicitation, functional and non-functional requirements, prototyping, and requirement tracking. Project management topics include project planning, organizing, tracking, scheduling, and risk management.

CSCI 4611 - Computer Forensics and Incident Response

Credit Hours 3

Dual Listed: CSCI 5611

Prerequisite: CSCI 4200

Description: This course addresses the topics of computer forensics, incident response, cyber-crime and terrorism, cyber-crime investigation and prosecution. Students will learn about computer forensics, extracting and proper handling of evidence, and how an organization can setup a security response team, prepare for and manage security incidents.

CSCI 4612 - Securing Cyber Space (Web, DB, and Platform)

Credit Hours 3

Dual Listed: CSCI 5612

Prerequisite: CSCI 4200

Description: In this course students will learn how to secure an organization's technological infrastructure, including topics on operating system platforms/hardware, virtual machines, mobile devices, web servers, database servers, additional network components, anti-malware, public facing applications, host-based intrusion detection/prevention, firewalls and audit and compliance. Course includes laboratory work using Linux and Windows.

CSCI 4613 - Cryptography

Credit Hours 3

Prerequisite: CSCI 2500 and CSCI 4200

Description: This course introduces students to the methods of cryptography and cryptanalysis. Students will learn how to use symmetric and asymmetric cryptographic primitives to ensure confidentiality, data integrity, authentication, and non-repudiation. Weaknesses of and attacks on cryptographic systems will also be discussed.

CSCI 4617 - Security Policy and Governance

Credit Hours 3

Dual Listed: CSCI 5617

Prerequisite: CSCI 4200

Description: This course covers policy development through monitoring and governance stages - policies such as privacy, acceptable use, physical security, breach disclosure, data collection and retention policies, cloud security, and supply chain are covered. Best-in-class methodologies will be used to create security policy that will communicate the organization's asset protection objectives.

CSCI 4619 - Ethical Hacking and Offensive Security

Credit Hours 3

Dual Listed: CSCI 5619

Prerequisite: CSCI 4611 or CSCI 4612

Description: This course will instruct students in techniques used by hackers to identify vulnerabilities and facilitate the development of solutions for hardening systems and improving system and network security. Effective use of penetration testing tools and the use of proactive offensive security tactics will be emphasized.

CSCI 4624 - Risk Management

Credit Hours 3

Dual Listed: CSCI 5624

Prerequisite: CSCI 4200

Description: This course addresses the broad topic of risk management and how risk, threats, and vulnerabilities impact information systems. Areas of instruction include how to assess and manage risk based on defining an acceptable level of risk for information systems. Elements of a business impact analysis, business continuity plan, and disaster recovery plan will also be discussed.

CSCI 4625 - Intrusion Detection and Prevention

Credit Hours 3

Dual Listed: CSCI 5625

Prerequisite: CSCI 4611 or CSCI 4612

Description: This course covers an in-depth study of the theory and practice of intrusion detection and prevention in cyberspace. Topics include network security, monitoring, auditing, intrusion detection, intrusion prevention, and ethical penetration testing. Emphasis is on methods to identify threats and prevent attacks.

CSCI 4628 - Defensive Programming

Credit Hours 3

Dual Listed: CSCI 5628

Prerequisite: (CSCI 4611 or CSCI 4612) and (CSCI 2010 or CSCI 2000)

Description: This course provides in-depth coverage of defensive programming techniques. Topics include: input validation and data sanitization, choice of programming language and type-safe languages, examples of common vulnerabilities and coding errors, and secure coding practices.

CSCI 4629 - Information Security Certification Workshop

Credit Hours 1

Prerequisite: CSCI 4200

Description: This workshop course prepares students for information security certification examinations such as the Comp TIA Security+. Instructional materials cover test requirements, questions drills, and preparation resources.

CSCI 4630 - Web Server Administrator

Credit Hours 3

Prerequisite: CSCI 3300

Description: An introduction to the setup and maintenance of Web server software. Both Internet Information Server (IIS) and Apache will be used as examples.

CSCI 4632 - Secure Software Engineering

Credit Hours 3

Dual Listed: CSCI 5632

Prerequisite: (CSCI 4611 or CSCI 4612) and (CSCI 2010 or CSCI 2000)

Description: This course covers the fundamentals of secure coding practices focusing on building security into the software development lifecycle. Topics include: software development lifecycle, secure design principles and patterns, secure software specifications and requirements, secure software development practices, and secure testing and quality assurance.

CSCI 4635 - Malware Analysis and Countermeasures

Credit Hours 3

Dual Listed: CSCI 5635

Prerequisite: (CSCI 4611 or CSCI 4612) and (CSCI 2010 or CSCI 2000)

Description: This course covers the fundamentals of malware analysis and countermeasures. Topics include: anti-malware analysis techniques, debugging concepts and tools, an examination of malware behavior, network indicators and malware countermeasures. Students will learn how to detect, analyze, reverse-engineer and eradicate malware. Real-world examples of malware will be studied.

CSCI 4640 - Information Assurance and Security Leadership

Credit Hours 3

Dual Listed: CSCI 5640

Prerequisite: CSCI 4200

Description: This course presents the latest approaches in information security and a practicum to demonstrate competency in the design and implementation of a successful cyber-security organization. Learning objectives are met through a combination of faculty instruction, current content, and active exchange with other leaders in information security management.

CSCI 4650 - Windows Server-Side Web Development

Credit Hours 3

Prerequisite: CSCI 4400

Description: This course covers server-based web development using current Windows frameworks. Students will develop both browser-based and mobile-based clients that connect to the server.

CSCI 4670 - Enterprise Virtualization

Credit Hours 3

Dual Listed: CSCI 5670

Prerequisite: CSCI 2700

Description: This course covers the concepts of virtualization and enterprise-level virtual infrastructure management.

CSCI 4750 - Systems Analysis and Design

Credit Hours 3

Prerequisite: CSCI 4400 and senior status

Description: Study of business information systems including the design, development and implementation of a complete system working in a small group.

CSCI 4760 - Linux System Administration

Credit Hours 3

Dual Listed: CSCI 5760

Prerequisite: CSCI 2700

Description: This course provides a comprehensive introduction to the Linux operating system, and Linux system administration principles and practices.

CSCI 4770 - Routing and Switching

Credit Hours 3

Prerequisite: CSCI 2700

Description: This course is an advanced study of telecommunications and networking. Topics include an in-depth study of TCP/IP protocols, switching, routing, WAN technology, network design and management, and emerging technologies.

CSCI 4800 - Senior Seminar

Credit Hours 1

Prerequisite: Senior standing and permission of department chair

Description: Problem solving using techniques from all areas of the Computer Science and Information Systems curriculum. Research on an assigned topic culminating in a written paper and oral presentation. Review of all basic areas of study in preparation for entry into the job market. Overview of job opportunities in the computer field.

CSCI 4805 - Computer Science Capstone

Credit Hours 3

Prerequisite: Department Chair approval and senior classification;

Description: Students will work in teams on a large project of their own design using the knowledge and skill gained from their classes. Teams will design, document, implement, and present their projects to the faculty.

CSCI 4900 - Special Problems in Computer Science

Credit Hours 3

Prerequisite: Advanced standing in computer science

Description: Selected topics of general interest.

CSCI 4905 - Programming Team

Credit Hours 1

Prerequisite: Permission of instructor

Description: A course for the preparation and training for the programming contests in which APSU participates, and for which the student wishes credit. The student is required to participate in at least one contest during the semester. Discussion of strategies and solutions is expected.

CSCI 4910 - Topics Computer Science

Credit Hours 1

Prerequisite: Advanced standing in computer science

Description: Selected topics of general interest. May be repeated for credit.

Construction Engineering Technology

ENG 2500 - Construction Materials and Methods

Credit Hours 3

Description: Study of the properties uses and availability of wood, steel, sand, concrete, reinforced concrete, blocks, bricks and other commonly used construction materials.

ENG 2600 - Construction Safety and Health

Credit Hours 3

Description: Study of the importance of safety in construction; cost of accidents; Worker's Compensation; OSHA construction standard, safety practices, compliance of safety and health programs and policies; job safety, hazard analysis; workplace stress and health issues; ISO 14000.

ENG 2700 - Construction Estimating

Credit Hours 3

Prerequisite: ENG 1200 or MATH 1730

Description: Quantity estimates for all materials used in building; concrete and masonry foundation, brick pavement and other brickwork, earthwork required in cut and fill of an area, earthwork for road construction.

ENG 2840 - Construction Codes and Standards

Credit Hours 3

Description: Application of building codes and standards in structural design, materials, energy conservation, fire safety, electrical, plumbing, heating, cooling, ventilation, indoor air quality, radon, accessibility, safety and acoustics.

Criminal Justice

CRJ 1010 - Introduction to Criminal Justice

Credit Hours 3

Description: This course is a basic study of all components of the criminal justice system in the United States. Topics include concepts of law and crime; the criminal justice process; overview of criminal justice agencies; current criminal justice issues, and interactions and conflicts between criminal justice agencies.

CRJ 2000 - Introduction to Criminology

Credit Hours 3

Description: An overview of the general characteristics of crime and criminals, methods and theories in victimology and criminology, and typologies of violent, property, white-collar, political, organized, and public order crime including cybercrime.

CRJ 2010 - Criminal Law

Credit Hours 3

Description: This course is a generic study of criminal law in the United States, and does not cover any specific federal or state law. Topics include principles of criminal law; principles of criminal liability; complicity; inchoate crimes; defenses; justifications; excuses; crimes against persons; crimes against property; crimes against public order.

CRJ 2020 - Research Methods in Criminal Justice

Credit Hours 3

Description: Introduces students to fundamental issues associated with the application of scientific methods to criminal justice problems. Students examine topics of research questions, concepts and measurements, experimental designs, sampling, causation, ethics, survey research, secondary data, content analysis, field research, evaluation research, quantitative data analysis, qualitative data analysis, and reporting results and interpreting data, and how these relate to criminal justice issues.

CRJ 2400 - Issues in Homeland Security

Credit Hours 3

Description: An introduction to key concepts, processes, policies, and issues related to homeland security. Major topics include: terrorism and counterterrorism; border, transportation, and infrastructure security; mass casualty prevention, response, and resiliency; interagency cooperation; major policy debates; and the history and evolution of the Department of Homeland Security.

CRJ 3000 - Constitutional Law

Credit Hours 3

Description: This course is an intense analysis of federal and state court decisions that interpret the United States Constitution as

to the authority and process of criminal justice agencies. Topics include a historical overview; the Bill of Rights; trial and punishment; civil remedies and constitutional conduct; constitutional and civil rights in the workplace.

CRJ 3020 - Criminal Evidence Procedure

Credit Hours 3

Description: This course is a in-depth examination of criminal evidence rules in the United States. Topics include trial procedures; examination of witnesses; real/physical evidence; circumstantial evidence; hearsay evidence and exceptions; privileged communications; declarations against interests and judicial notice.

CRJ 3030 - Terrorism and the Law

Credit Hours 3

Description: This course is an in-depth analysis of federal and state law as they pertain to the study of terrorism. Topics include search and seizure issues; privacy laws; the Patriot Act; Constitutional issues in reference to terrorism investigation/prevention; and criminal procedure.

CRJ 3100 - Fundamentals of Cybercrime

Credit Hours 3

Description: This course offers an intense examination of network security defense techniques and countermeasures. Defense fundamentals are explained in great detail. Topics include network defense techniques, cybercrime and cyberspace law, cyberterrorism, intrusion detection and incident response, disaster recovery, and computer forensics.

CRJ 3130 - Policing in America

Credit Hours 3

Description: This course examines contemporary problems faced by law enforcement professionals, in the role United States. It investigates best practices and creates a better understanding of policing in the 21 st Century. Key issues focus on police operations, discretion, use of force, culture and behavior, ethics and deviance, civil liability, and police-community relations. Additional topics include the development of American police institutions, terrorism, and homeland security.

CRJ 3140 - Private Security and the Law

Credit Hours 3

Description: This course examines current trends, legal issues and opportunities within the private justice system. Key issues focus on private security, industrial security, and the law; focusing on a comparative examination of the relationship of the criminal justice system and, business, and industrial security. Additional topics include legal powers of private security officers in arrest, search and seizure, use-of-force situations, and civil/criminal liability faced by the private security industry.

CRJ 3150 - Fundamentals of Corrections

Credit Hours 3

Variable Credit Hours 3

Description:

Examined in this course will be the history, philosophy, and individual components of the corrections system. Provides an overview of correctional programming and the philosophical ideas upon which specific correctional approaches are based. Major institutions and programs that make up the correctional system will be analyzed.

CRJ 3220 - Criminal Investigations

Credit Hours 3

Description: This elective course is an in-depth examination of one of the three cornerstones of traditional policing, criminal investigation. Topics include physical evidence; information sources; interviews and interrogations; eyewitness identifications; crime scene reconstruction; homicide investigations; burglaries; robberies; sex crime investigations; specialized investigations; and managing criminal investigations.

CRJ 3300 - Ethics in Criminal Justice

Credit Hours 3

Description: Ethics in Criminal Justice is an intense examination of the ethical considerations facing the criminal justice practitioner. Topics include determining moral behavior; developing moral and ethical behavior; ethics and law enforcement; ethics and the courts; ethics and corrections; the ethics of punishment; policy and management issues; professionalism; and pride and ethics for practitioners.

CRJ 3430 - Management of Incidents

Credit Hours 3

Description: This course is a basic management course that could apply to all aspects of local and state governments, but concentrates on the law enforcement aspect. Topics include overall management techniques; coordination of resource efforts; the National Incident Management System, and the Unified Command System. Related topics include mutual aid pacts, cooperative efforts with local industry, and manpower and resource management.

CRJ 3440 - Crime Prevention

Credit Hours 3

Description: This course is an in-depth examination of both strategic and tactical methods of preventing existing and new forms of crime, including terrorism, related topics include target identification, target protection techniques, and information assimilation and analysis.

CRJ 3500 - International Courts & Justice

Credit Hours 3

Description: This course focuses on the historical development and emergence of international law and criminal courts and tribunals. Students will examine the unique challenges of establishing international criminal law and international court systems, how and why such institutions were created, and the need for an international criminal justice community.

CRJ 4000 - Law Enforcement Administration

Credit Hours 3

Description: This elective course is a study of the organization, management, and administration of law enforcement agencies. Topics include police administration in the political arena; organizational theory; police organizational structure; leadership; organizational improvement.

CRJ 4011 - Issues in Criminal Justice

Credit Hours 3

Description: This course involves diverse coverage of specialized research with current issues in criminal justice. Areas of current issues may include topics within law enforcement, courts, corrections, and other areas.

CRJ 4030 - Comparative Criminal Justice/Homeland Security

Credit Hours 3

Description: This course examines the nature of crime, justice, and security in varying countries and cultures throughout the world with the United States used as a standard of comparison. Focus is on the peculiarities as well as the universals in comparative framework.

CRJ 4040 - Global Jihad and U. S. Homeland Security

Credit Hours 3

Description: This course appraises Islamist resurgence/terrorism in local, regional and global perspectives, with special reference to its impact on U. S. Homeland Security. It examines the rise and growth of jihadism in the Muslim World and beyond in historical, socio-economic, political and cultural perspectives, and focuses as to how governance and identity crises in Muslim-majority countries and the Cold War and post-Cold War exigencies affected Islamism and terror outfits like al Qaeda, Taliban, Boko Haram, LeT, and the ISIS.

CRJ 4050 - Criminal Profiling

Credit Hours 3

Description: This is an advanced course in applied criminology. Topics include case management, database development, typology validation, motive and pattern analysis, personality assessment, forensic demography, principles of geo-coding, statistical prediction, and the ethics of provocation, interview and interrogation strategies.

CRJ 4110 - American Courts and Judicial Process

Credit Hours 3

Description: This course is designed to introduce students to the structure, process, and function of American courts. Through a broad lens, we will examine the purpose, place, and relationship(s) between different types of courts, the roles of various actors in the judicial process, and the overall concept of judicial decision making in our criminal justice system.

CRJ 4125 - Intelligence Analysis

Credit Hours 3

Description: This course covers both foreign and domestic intelligence gathering and analysis, with an emphasis upon analytic procedures for protection against terrorism, transnational crime, organized crime, white collar crime, gang crime, and threats to personal and public safety.

CRJ 4140 - Homeland Security Law

Credit Hours 3

Description: Examination of existing and emerging legal approaches to terrorist threats and other challenges particular to homeland security policies within the contexts of US domestic law, the laws of other nations, and international law emphasizing border control of maritime security, infrastructure protection, cybersecurity, and global/domestic issues and concerns.

CRJ 4200 - Special Topics in Criminal Justice

Credit Hours 3

Description: This elective course covers various topics under the umbrella of the criminal justice system. Topics for this seminar course on current issues such as may include racial profiling; control of terrorism versus individual liberties, the effectiveness of habitual criminal statutes, and other specialty topics.

CRJ 4210 - Gangs in Society

Credit Hours 3

Description: This elective course examines the problem of gangs in society. Topics include why gangs form, why people and society's response to the problem.

CRJ 4220 - White Collar Crime

Credit Hours 3

Cross Listed: LDSP 4220;

Description: The study of contemporary forms of white collar crime and its explanations, theories, and accounts along with its investigation, adjudication, and regulation.

CRJ 4230 - Criminal Justice in Popular Culture

Credit Hours 3

Description: This elective course examines the portrayal of criminal justice in film, television, literature and mass media. In addition, these media are used to illustrate perspectives relevant to criminal justice.

CRJ 4250 - Serial Murder

Credit Hours 3

Description: Introduces students to theories on murder, historical cases of serial homicide, case studies of notorious serial killers, international cases of serial murder, current methods of tracking and apprehending such individuals, and victimology.

CRJ 4300 - Advanced Criminology

Credit Hours 3

Description: This course covers the construction, testing, and application of criminological theories, enduring debates, classical and mainstream formulations, and new developments in theoretical approaches.

CRJ 4320 - Juvenile Justice

Credit Hours 3

Dual Listed: CRJ 5320

Description: This Juvenile Justice course provides an in-depth exploration of the juvenile justice system, focusing on its theoretical foundations, practical applications, and policy implications. Students will examine the unique aspects of the juvenile justice process, its challenges, and the evolving strategies for preventing, treating, and/or punishing "delinquent" behavior.

CRJ 4400 - Critical Issues in Border Security

Credit Hours 3

Description: This course introduces students to fundamental issues associated with border security and management. Students will review how borders are defined, how nations manage safe trade, travel and migration, and the many controversies surrounding the politics of bordering practices. Maritime, land, air, and cyber border issues will further be evaluated.

CRJ 4410 - Domestic Terrorism

Credit Hours 3

Description: This is a study of the foundations of domestic terrorism with an examination of its history and case studies. Topics include historical and active domestic groups; their organizational structure, philosophies and networks. The course examines the interrelationships and interactions of presently known groups and policies to prevent and counter them.

CRJ 4420 - International Terrorism

Credit Hours 3

Description: Terrorism has become a political tool used against almost all nations of the world. The course examines known terrorist groups throughout the world, including militant religious groups; and political groups. Policies to prevent and counter international terror are also examined.

CRJ 4860 - Criminal Justice Internship and Practicum

Credit Hours 3 to 12

Variable Credit Hours 3 to 12

Prerequisite: Declared major in criminal justice, senior standing, and permission of the department

Description: This course involves work experience with a cooperating criminal justice agency, public or private. Students must complete at least 160 contact hours per three credit hours during the semester. Students are required to complete documentation requirements and attend two formal meetings during the course of the internship. A major written project relating to the internship experience is required. Course may be repeated but no more than 12 credit hours can be earned.

CRJ 4900 - Directed Individual Study

Credit Hours

Variable Credit Hours 1 to 3

Prerequisite: CRJ 1010 with a grade of "C" or better, Junior status and permission of the instructor.

Description: Specialized individual study under the direction of a faculty member. Primarily for those majoring in Criminal Justice.

CRJ 4950 - Senior Capstone in Criminal Justice

Credit Hours 3

Prerequisite: CRJ 1010, CRJ 2000, CRJ 2010, CRJ 2020, and 9 additional upper-level Criminal Justice credits

Description: This senior capstone course emphasizes the integration of knowledge acquired in the Criminal Justice curriculum. Both written and oral assignments emphasize achievement of knowledge within the field of criminal justice including methodological literacy, processes and institutions, crime and deviance, courts and law and homeland security (when applicable).

Culinary Arts

CA 2410 - Dining Room Service

Credit Hours

Description: Types of dining service appropriate to differing food service operations; gain an appreciation of the relationship between "front" and "back" of the house.

CA 2700 - Bar Management

Credit Hours

Description: Alcohol laws and servers' responsibility, basic mechanics and principles of bar tending, and basic understanding of production process of all alcoholic beverages.

CA 2710 - Meat Cutting and Process

Credit Hours

Description: Identification of primal cuts of meat. Proper cutting techniques and skills required for boning and tying poultry and hams and the basics of hotel-restaurant butchery.

CULA 1200 - Sanitation and Food Safety

Credit Hours 3

Description: This primer course is designed to educate all students to the sacred trust between food production facilities and the general public. It should prepare each student to successfully complete the National Restaurant Association's ServSafe or any similar certificate.

CULA 1300 - Special Topics I

Credit Hours 1

Description: A study of selected topics in Culinary Arts. Topics to be announced. Special topic courses will often be a collaboration with another academic department.

CULA 1301 - Special Topics II

Credit Hours 2

Description: A study of selected topics in Culinary Arts. Topics to be announced. Special topic courses will often be a collaboration with another academic department.

CULA 1302 - Special Topics III

Credit Hours 3

Description: A study of selected topics in Culinary Arts. Topics to be announced. Special topic courses will often be a collaboration with another academic department.

CULA 1305 - Nutrition for Culinary Arts

Credit Hours 3

Description: This is an introduction to the basic nutritional principles and guidelines. Topics include nutrients, carbohydrates, lipids, proteins, minerals and vitamins. Students plan meals and menus based on the above principles using nutritional guidelines as the primary basis.

CULA 1310 - Fundamentals of Baking

Credit Hours 3

Prerequisite: CULA 1200

Description: Fundamentals of baking is an introduction to the basic principle of baking including formula procedures, properties of baking ingredients, and functions and proper use of bakery equipment. Students will present yeast breads and rolls, pies,

cakes, icing, basic pastry dough, and cookies using mixing methods and ingredients.

CULA 1320 - Culinary I (Fundamentals)

Credit Hours 3

Prerequisite: CULA 1200

Description: This is the introductory food production class for culinary students. Topics include the theories and methods of cooking, vocabulary, and the development of safe and sanitary kitchen practices. Production items will include vegetable and starch preparation, stocks, sauces and soups, poultry and egg cookery.

CULA 1321 - Advanced Baking and Pastry

Credit Hours 3

Prerequisite: CULA 1200

Description: Baking skills are polished as students learn more difficult baking, pastry and dessert techniques. Emphasis is placed on presentation, plating and appearance. The production of high skill, high quality finished products is emphasized with special attention to chocolate work, plate presentation, and cold and hot preparations. Souffles, dessert sauces and creative flavorful designs exemplify this course.

CULA 1325 - Culinary II (Fabrication)

Credit Hours 3

Prerequisite: CULA 1200 ; CULA 1320

Description: This course will introduce the principles of identifying, receiving, fabricating, and storing vegetables, fruits, herbs, nuts, grains, dry goods, prepared foods, dairy products, and spices. Students will then explore the subject of meats, poultry, seafood and their application in food service operations.

CULA 1330 - Garde Manger

Credit Hours 3

Prerequisite: CULA 1200

Description: This course provides students with skills and knowledge of the organization, equipment and responsibilities of the "cold kitchen." Students are introduced to and prepare cold hors d'oeuvres, sandwiches, salads, as well as basic charcuterie items while focusing on the total utilization of product. Reception foods and buffet arrangements are introduced.

CULA 1340 - Dining Room Service

Credit Hours 3

Description: An exploration of table service principles and skills with an emphasis on customer service in a restaurant. The focus will be placed on guest relations, professional communications, order-taking in an a la carte environment, service sequence, point-of-sale systems, case handling, beginning merchandising, table skills, and dining room preparation. Students will study and engage in critical-thinking topics that are relevant to providing high quality formal table service and customer service.

CULA 2250 - Professional Catering

Credit Hours 3

Prerequisite: CULA 1200

Description: This course examines the requirements to start and operate a catering company. Topics of discussion include kitchen equipment, regulations, operations, and business planning.

CULA 2300 - Food and Beverage Management

Credit Hours 3

Description: This course covers restaurant and food service operations. Including facilities capabilities, personnel management, and daily operations, sanitation, and facilities readiness.

CULA 2331 - Cooking for Special Diets

Credit Hours 3

Prerequisite: CULA 1200

Description: This course introduces students to the basics of product selection and cooking techniques appropriate for a variety of special needs or food allergy diets. Food preparation and planning menus for food allergies, food intolerance and diabetic cooking methods and ingredient choices and/or substitutions are taught in this class.

CULA 2340 - Human Resource Management

Credit Hours 3

Description: This course focuses on human relations in organizations and restaurant management. It also offers a brief look at management history, policies, and behavior of workers and management.

CULA 2350 - Introduction to Ice Carving

Credit Hours 3

Description: In this laboratory course, students will learn the hands on basic ice carving principles and skills necessary to create beautiful artworks of ice.

CULA 2351 - Plated Desserts and Presentations

Credit Hours 3

Prerequisite: CULA 1200

Description: The essential elements of plated desserts are taught in detail. The students are taught to strive for a well-balanced presentation. The course emphasizes the importance of the required time and patience for yielding breath-taking results. Students are exposed to methods of production that result in dramatic presentations in quantity.

CULA 2352 - Hot and Cold Desserts

Credit Hours 3

Prerequisite: CULA 1200

Description: This course covers the principles and techniques of sorbets and ice creams, souffles, cobblers, crisps and strudel dough products. Topic include Baked Alaska, bombes, sherbets, crepes and hot and cold souffles. Student will prepare hot and cold desserts with suitable sauces and garnishes.

CULA 2361 - Retail Bakery Management

Credit Hours 3

Description: This course introduces students to the application of baking and pastry arts production techniques in a wholesale and/or retail setting. Students are introduced to theory of merchandising baked goods for bakeries as well as formula standardization and conversion production planning, purchasing, costing, and "price for profit." Students will hone their skills, learn new formulas and create desserts while practicing techniques, methods and procedures used in the production of desserts and breads.

CULA 2370 - Bar Service

Credit Hours 3

Description: A study of beverage service in the hospitality industry including spirits, wines, beers, and non-alcoholic beverages. Topics include purchasing, resource control, legislation, marketing, physical plant requirements, staffing service and the selection of wines to enhance foods.

CULA 2373 - Gourmet Foods

Credit Hours 3

Prerequisite: CULA 1200

Description: This course will expand on prior knowledge but also includes vegetable, cookery, pasta and rice cookery, sandwich making, hors d'oeuvres, and food presentation. Students will be required to plan a 4-course menu and execute it appropriately using their knowledge from other courses. Students will also explore international cooking to apply all skills learned throughout the class.

CULA 2375 - Purchasing and Cost Control

Credit Hours 3

Description: This course is intended to provide the student with the methodologies and tools to control food, beverage, labor and other costs within a hospitality business. Hospitality purchasing principles are also explored. This course regularly uses basic mathematics.

CULA 2376 - International Food

Credit Hours 3

Prerequisite: CULA 1200

Description: International Foods will expose students to some of the diversity of culture and foods of many countries around the world including regions of the United States. Classroom assignments, cooking demonstrations, guest speakers, and cooking labs will allow students to have a taste of the world.

CULA 2380 - Culinary Internship

Credit Hours 3

Prerequisite: CULA 1200

Description: This course is a supervised work experience in the culinary field requiring a minimum number of work hours. Work activities can range from entry-level to professional cooking. Individual conferences with the intern director are arranged of class attendance.

CULA 2390 - Culinary Capstone

Credit Hours 3

Prerequisite: CULA 1200

Description:

Description: A capstone course required for all culinary majors. Topics include recipe development, menu construction, and pricing. Demonstration of proficiency in proper cooking method, selection and construction of salads, entrees with appropriate side items, and desserts is required for successful completion of CULA 2390.

Dance

DANC 1035 - Fundamentals of Dance

Credit Hours 3

Description: A dance course designed to provide experience and insight into the art of dance through theory and practice. Open to all.

DANC 1040 - Introduction to Cultural Dance Forms

Credit Hours 2

Description: Applied techniques of various world dance forms which may include West African Dance, Belly Dance, Flamenco, Indian Dance or others. Open to all.

DANC 1200 - Introduction to Dance

Credit Hours 3

Description: A survey course that explores dance as an expressive art form and its place in human culture throughout history. Open to all.

DANC 1350 - Ballet - Foundations

Credit Hours 2

Description: Theory and practice of ballet techniques. Open to all. Course may be repeated one time.

DANC 1450 - Modern Dance - Foundations

Credit Hours 2

Description: Theory and practice of modern dance techniques. Open to all. This course may be repeated one time.

DANC 1500 - Jazz Dance - Foundations

Credit Hours 2

Description: Theory and practice of jazz dance techniques. Open to all. Course may be repeated one time.

DANC 1700 - Hip Hop Dance - Foundations

Credit Hours 2

Description: Exploration of hip-hop dance styles. Open to all. Course may be repeated one time.

DANC 1900 - Tap Dance - Foundations

Credit Hours 2

Description: Beginning exploration of form, style, and techniques of tap dance. Open to all. Course may be repeated one time.

DANC 2300 - Music for the Dancer

Credit Hours 3

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.

Description: Exploration of music properties and genres as they relate to dance techniques and choreography.

DANC 2355 - Ballet II

Credit Hours 2

Prerequisite: DANC 1350 and course restricted to those pursuing theatre and dance majors, minors or concentrations or permission of instructor;

Description: Theory and practice of ballet techniques at an intermediate level.

DANC 2450 - Modern Dance II

Credit Hours 2

Prerequisite: DANC 1450 and course restricted to those pursuing theatre and dance majors, minors and concentrations or permission of instructor;

Description: Theory and practice of modern dance techniques at an intermediate level.

DANC 2500 - Jazz Dance II

Credit Hours 2

Prerequisite: DANC 1500 and course restricted to those pursuing theatre and dance majors, minors, or concentrations or permission of instructor;

Description: Theory and practice of jazz dance techniques at an intermediate level.

DANC 2900 - Tap Dance II

Credit Hours 2

Prerequisite: DANC 1900 and course restricted to those pursuing theater and dance majors, minors or concentrations or permission of instructor;

Description: Continued exploration of form, style, and techniques of tap dance.

DANC 3040 - Dance History I

Credit Hours 3

Description: A comprehensive examination of the evolution of dances as an art form from its origins to the end of the 19th century. Open to all.

DANC 3250 - Dance for Musical Theatre

Credit Hours 2

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.

Description: An exploration of dance as it is approached through Musical Theatre. General Musical Theatre styles will be introduced as well as choreography for the stage.

DANC 3350 - Ballet - Intermediate/Advanced

Credit Hours 2

Prerequisite: DANC 1350

Description: Theory and practice of ballet techniques at an intermediate or advanced level. This course may be taken up to three times.

DANC 3400 - Dance Improvisation

Credit Hours 3

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.

Description: An exploration of improvisation as a means of generating movement for expressiveness, composition, and manipulating movement ideas in choreography.

DANC 3450 - Modern Dance - Intermediate/Advanced

Credit Hours 2

Prerequisite: DANC 1450

Description: Theory and practice of modern dance techniques at an intermediate or advanced level. This course may be taken up to three times.

DANC 3500 - Jazz Dance - Intermediate/Advanced

Credit Hours 2

Prerequisite: DANC 1500

Description: Theory and practice of jazz dance techniques at an intermediate or advanced level. This course may be taken up to three times.

DANC 3600 - Special Topics in Dance

Credit Hours 3

Prerequisite: Department consent

Description: Occasional course offering to further prepare students for a professional career in dance. Focus may include the rehearsal and performance of significant dance repertoire, ballet partnering, specialized course taught by a guest artist in residence or other. Topics to be announced.

DANC 3700 - Hip Hop Dance - Intermediate/Advanced

Credit Hours 2

Prerequisite: DANC 1700

Description: Exploration of Hip-Hop dance styles at an intermediate or advanced level. This course may be taken up to three times.

DANC 3800 - Dance Composition I

Credit Hours 3

Prerequisite: DANC 3400 or permission of instructor;

Description: An exploration of movement invention and the craft of choreography using structural devises, ideas and concepts.

DANC 3880 - Costuming for Dance

Credit Hours 3

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.

Description: Basic design theory as it relates to theatrical dance costumes. The course will focus on articulation of design concepts in a collaborative process, character analysis, to realization of designs that enhance the choreographic intent.

DANC 3900 - Tap Dance - Intermediate/Advanced

Credit Hours 2

Prerequisite: DANC 1900

Description: Theory and practice of tap dance techniques at an intermediate or advanced level. This course may be repeated up to three times.

DANC 4040 - Dance History II

Credit Hours 3

Prerequisite: DANC 3040;

Description: This course is a comprehensive exploration of the evolution of dance as an art form, from 1900 to present. Open to all.

DANC 4200 - Dance Kinesiology

Credit Hours 3

Prerequisite: Sophomore standing

Description: This course will introduce the structure and function of the human body in relationship to dance. Students will gain a better understanding of human motion through anatomical analysis, conditioning principles, injury prevention, and by identifying individual anomalies.

DANC 4300 - Somatic Movement Practices

Credit Hours 3

Prerequisite: DANC 4200 or permission of instructor;

Description: A guided and structured exploration of movement that employs awareness of the anatomical systems.

DANC 4350 - Ballet - Pre-Professional

Credit Hours 2

Prerequisite: DANC 3350

Description: Theory and practice of ballet techniques at the pre-professional level. This course may be taken up to three times.

DANC 4400 - Dance Composition II

Credit Hours 3

Prerequisite: DANC 3800 or permission of instructor;

Description: This class is an in-depth exploration of movement invention and the craft of choreography using structural devices, ideas and concepts.

DANC 4450 - Modern Dance - Pre-Professional

Credit Hours 2

Prerequisite: DANC 3450

Description: Theory and practice of modern dance techniques at the pre-professional level. This course may be taken up to three times.

DANC 4500 - Theory and Practice of Teaching Dance

Credit Hours 3

Prerequisite: Theatre/Dance major or permission of instructor

Description: A practical exploration of dance pedagogy and strategies pertaining to dance techniques and dance education.

DANC 4550 - Jazz Dance - Pre-Professional

Credit Hours 2

Prerequisite: DANC 3500

Description: Theory and practice of jazz dance techniques at the pre-professional level. This course may be taken up to three times.

DANC 4650 - Independent Research

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Department consent

Description: Opportunity for directed scholarly research in an area of special interest to the student. Enrollment accepted only after professor has approved a written project proposal from the student. Variable 1-3 credits.

DANC 4710 - Hip Hop Dance - Pre-Professional

Credit Hours 2

Pre/Corequisite DANC 3700

Description: Exploration of Hip Hop dance styles at the pre-professional level. This course may be taken up to three times.

DANC 4750 - Directed Studies in Dance

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Department consent

Description: Directed concentrated study in a specific area of dance. Designed as a substitute for a required course that is needed but not offered in a specific semester. Permission granted only to allow student a timely graduation. Variable 1-3 credits.

DANC 4755 - Dance and Technology

Credit Hours 3

Prerequisite: DANC 3800 or permission of instructor

Description: Use and influence of digital technology and other media in the making, performance and presentation of dance and related fields.

DANC 4900 - Tap Dance - Pre-Professional

Credit Hours 2

Prerequisite: DANC 3900

Description: Theory and practice of tap dance techniques at the pre-professional level. This course may be taken up to three times.

Diversity

DIVR 4020 - Capstone Seminar in Social Justice

Credit Hours 3

Prerequisite: Must be AAST minor or WGS minor; and three (3) credit hours in each program. Permit required.

Description: Students will examine upper-division readings in feminists and critical race theory culminating in a research project and presentation.

Early Childhood

EC 2200 - Introduction to Early Childhood Education

Credit Hours 3

Prerequisite: Transition 1

Description: Historical and theoretical influences upon early childhood education. Legal, ethical, health and safety, and professional issues impacting the care and education of children, birth through age eight. Orientation to early childhood teacher education licensure program and the early childhood profession, including leadership and measurement of programs for young children and their families. Includes observation of early childhood programs.

EC 3010 - Early Literacy Development

Credit Hours 3

Description: Survey of theoretical, conceptual, and empirical materials on language development in children. Implications for literacy development and the teaching of reading and writing will also be required.

EC 4020 - Developmentally Appropriate Practice: K-3

Credit Hours 3

Prerequisite: Transition 2

Corequisite: MATH 4100 and RDG 4020

Description: Survey of theoretical and practical issues related to developmentally appropriate practice including social constructivism, thematic and literature-based instruction, curriculum integration, and the role of the physical and social environment in teaching and learning. Emphasis on social studies curriculum, K-3.

EC 4030 - Evaluation and Assessment: PreKindergarten--Grade 3

Credit Hours 3

Prerequisite: Transition 2

Corequisite: SPED 4340

Description: Student assessment, evaluation of programs, and processes for parent involvement will be addressed. Emphasis on observation on documentation and other authentic strategies. Includes field-based experience with children.

EC 4040 - Problem Solving: Prekindergarten

Credit Hours 3

Prerequisite: Transition 2

Corequisite: EC 4030

Description: Develops competency in the selection and use of materials, resources, and instructional strategies to foster problem-solving and higher order thinking skills in prekindergarten children. Develop of early science, math, and social skills will be emphasized. Includes field-based experience with children.

EC 4080 - Child Guidance and Classroom Management

Credit Hours 3

Prerequisite: Transition 2

Description: Theories of classroom organization and management and their application, prekindergarten - grade three. A field experience is required. Must be taken in semester prior to student teaching.

EC 4140 - Applications of Development Theory

Credit Hours 3

Prerequisite: Transition 2

Description: Develops competency in the selection and use of materials, in the use of instructional strategies, and in the teaching of specific skills. A portion of course is field based.

EC 4160 - Learning Styles of the Culturally Different

Credit Hours 3

Description: Give the student appropriate experiences in: (1) developing an awareness of the learning styles, (2) investigating materials and methods designed to aid in the learning process, and (3) formulating objectives and techniques for working with the parents of the culturally different child.

EC 4170 - Evaluation and Assessment in Early Childhood Education

Credit Hours 3

Description: Pupil assessment, evaluation of programs, and processes for parent involvement in Early Childhood Education. A portion of the course is field based.

Early Childhood-Teaching and Learning

ECSP 2200 - Introduction to Early Childhood Education

Credit Hours 3

Variable Credit Hours 3

Prerequisite: Transition 1

Description: This course will introduce the historical and theoretical influences on early childhood education. Legal, ethical, health and safety, and professional issues impact children's care and education from birth through age eight. Orientation to early childhood teacher education licensure program and the early childhood profession, including leadership and management of programs for young children and their families.

ECSP 3000 - Developmentally Appropriate Practice: Birth to Age 8

Credit Hours 3

Variable Credit Hours 3

Prerequisite: Transition 1

Description: This course surveys the theoretical and practical issues related to developmentally appropriate practice. The topic includes social constructivism, thematic and literature-based instruction, curriculum integration, and the role of the physical and social environment in teaching and learning.

ECSP 3010 - Early Literacy Development

Credit Hours 3

Prerequisite: Transition 1

Description: Literature serves as a model for language learning and provides strong motivation for learning to read and write. This course will introduce the historical roots of early childhood education, theory and research on text comprehension, assessment in early literacy, diversity in the classroom, and empirical materials on language development. This course is designed to develop competency in selecting and using picture books, hands-on activities, and instructional strategies to foster early literacy development in young children. The implications for literacy development and reading and writing instruction will also be discussed.

ECSP 4030 - Integrated Early Childhood Assessment

Credit Hours 3

Prerequisite: Transition 2

Description: This comprehensive course aims to empower early childhood professionals with a robust foundational understanding and practical skills in screening and assessing young children from birth to age 8 in inclusive environments. The emphasis is on introducing both formal and informal developmental assessment methods through diverse formats and approaches. Students will gain proficiency in conducting structured and unstructured observations of young children, whether they have disabilities or not, within inclusive settings. The curriculum encompasses the survey, evaluation, and critique of standardized and non-standardized tests, along with the utilization of test data for instructional planning. By engaging in this course, students will develop a heightened awareness and knowledge of various assessment procedures suitable for children aged birth through 8. Upon completion, students will be equipped to make informed professional decisions regarding screening, assessment, and ongoing evaluation for typically developing children and those with or at risk for disabilities.

ECSP 4040 - Teaching STEM to Young Children

Credit Hours 3

Prerequisite: Transition 2

Description: Develops competency in selecting and using materials, resources, and instructional strategies to foster young children's problem-solving and higher-order thinking skills. Development of early science, math, and social skills will be emphasized.

ECSP 4050 - Integrated Curriculum through Arts & Play

Credit Hours 3

Prerequisite: Transition 2

Description: This course is an introduction to inclusive curriculum through art and play, which have a crucial impact on the development of a child's aesthetics, culture, and education formation. The intent is to provide future teachers with the necessary tools and instructional strategies to develop a successful understanding of the importance of art and play that enriches student learning.

Transition 1 - Transition I

Credit Hours

Prerequisite:

Description: • Minimum 2.5 GPA

- Minimum grade of "C" in EDUC 2100 or MUS 2240 (music majors)
- Minimum grade of "C" on all EDUC coursework
- Evidence of professional dispositions
- Clearance by Student Affairs for no incidents on campus

Transition 2 - Transition II

Credit Hours

Description:

- Minimum 2.75 GPA
- Minimum of "C" in SPED 2300 or HHP 3010 (HHP majors) or MUS 3070 (music majors)
- Evidence of professional dispositions
- Minimum grade of "C" on all EDUC coursework
- Maintenance of security clearance by TBI/FBI
- Clearance by Student Affairs for no incidents on campus

Transition 3 - Transition III

Credit Hours

Description:

- Minimum 2.75 GPA
- Completion of all courses required for licensure
- Minimum grade of "C" in all EDUC coursework
- Passing scores on all required Praxis II exams

- Successful completion of key assessments
- Evidence of professional disposition
- Maintenance of security clearance by TBI/FBI
- Clearance by Student Affairs for no incidents on campus

Economics

ECON 2000 - Contemporary Economics

Credit Hours 3

Description: Introduction to current economic events; relates current happenings to past events to understand the basic economic forces that influence our system. Not available to BBA students.

ECON 2100 - Principles of Macroeconomics

Credit Hours 3

Description: Principles of pricing, stabilization, and growth in a modern capitalist economy, supply and demand, employment theory and fiscal policy banking systems and monetary policy, economic growth, and fundamentals of the international economy.

ECON 2200 - Principles of Microeconomics

Credit Hours 3

Prerequisite: ECON 2100

Description: Concepts of value and distribution under alternative market condition, elasticity, allocation of resources and price determination, analysis of consumption, and marginal utility.

ECON 3010 - Intermediate Microeconomics

Credit Hours 3

Prerequisite: BB 1

Description: Concepts of value and distribution under alternative market condition, elasticity, allocation of resources and price determination, analysis of consumption, and marginal utility.

ECON 3020 - Intermediate Macroeconomics

Credit Hours 3

Prerequisite: BB 1

Description: Macroeconomic problems of inflation and unemployment, statistics (GDP and the Consumer Price Index) and theory (Classical, Keynesian, and Monetarist views), and public policies.

ECON 3210 - Money and Banking

Credit Hours 3

Prerequisite: BB 1

Description: The nature and function of money, organization and operation of monetary and financial systems, determinants of money supply and demand, the conduct of monetary policy and its impact on employment, income and price level.

ECON 3220 - Managerial Economics

Credit Hours 3

Prerequisite: BB 1

Description: Environment of the firm, intra-firm decision problems, analytical concepts and methods, partial-equilibrium analysis of the product markets, analysis of factor productivities, cost, pricing principles and practices, and estimation of demand and cost primarily from the standpoint of managers in the private sector.

ECON 3900 - Economic Internship

Credit Hours 3

Prerequisite: BB 1 with GPA of 3.0 and permission of Internship Coordinator

Description: Designed to provide academic credit for relevant and meaningful experience in preparation for economics positions. Weekly updates, term paper, and satisfactory evaluation by employer/supervisor required for credit. Grading on a pass/fail basis.

ECON 4000 - Issues in Free Enterprise

Credit Hours 3

Prerequisite: BB 1

Description: Special topics in the area of free enterprise; topics may vary from time to time according to the specialty of the occupant of the Chair of Excellence in Free Enterprise in the BBA Program.

ECON 4610 - International Economics

Credit Hours 3

Prerequisite: BB 1

Description: Process of international commerce. Theory of trade and exchange rates, institutional and legal environment, current policy issues, analysis of international trade and finance, causes and effects of protection, balance of payments, foreign exchange market, international monetary and financial systems, and international economic cooperation and competition.

ECON 4900 - Special Problems in Economics

Credit Hours 1 to 6

Variable Credit Hours 1 to 6

Prerequisite: BB 1

Description: Teacher supervised independent study of economics topics (out-of-classroom) of mutual interest to the student and faculty member.

Education

APSU 1050 - Full Spectrum Learning Year 1

Credit Hours 0

Description: This is for students participating in the first year of Full Spectrum Learning. The course builds on the individuals strengths of each student and how they work best in the school and work environment. Pass/Fail grade.

APSU 2050 - Full Spectrum Learning Year 2

Credit Hours 0

Description: This course is for second year students participating in Full Spectrum Learning. The course focus is on reframing the students view of ASD and seeing the positive qualities. Pass/Fail grade.

APSU 3050 - Full Spectrum Learning Year 3

Credit Hours 0

Description: This is for students participating in the third year of Full Spectrum Learning. The course builds on the individuals strengths of each student and how they work best in the school and work environment. Pass/Fail grade.

APSU 4050 - Full Spectrum Learning Year 4

Credit Hours 0

Description: This is for students participating in the fourth year for Full Spectrum Learning. Students will focus on career readiness and what makes them marketable when seeking employment. Pass/Fail grade.

ECSP 4060 - Reading and Language Disabilities

Credit Hours 3

Prerequisite: Transition II

Description: This course will overview the varying reading and language disabilities of K-12 students. This includes learning how to classify reading and language disabilities, understanding the causes of these disabilities, and how teachers can apply effective interventions.

EDUC 2100 - Foundations of Education

Credit Hours 3

Description: The social, philosophical, and historical background of education will be explored. The course will contain discussion, cooperative learning, and includes a virtual field experience requirement.

EDUC 3000 - Educational Psychology

Credit Hours 3

Prerequisite: Transition 1

Description: This course promotes understanding of human learning and development necessary to engender competent, caring professionals by providing opportunities to describe, compare, and contrast various theories in order to create appropriate learning environments.

EDUC 3001 - Educational Psychology - Secondary Education

Credit Hours 3

Prerequisite: Transition 1

Description: Educational Psychology is designed for secondary education teaching candidates. The course promotes an understanding of human learning and development necessary to engender competent, caring professionals by providing opportunities to describe, compare, and contrast various theories in order to create appropriate learning environments.

EDUC 3040 - Instructional Technology

Credit Hours 3

Variable Credit Hours 3

Prerequisite: Transition 1

Description: Competency in microcomputer applications in the instructional process, including the use of instructional software, media integration, and use of micros in classroom management.

EDUC 3070 - Instructional Strategies

Credit Hours 3

Prerequisite: Transition 2

Description: Competencies in selected generic teaching skills such as mastery learning, questioning, positive reinforcement, student evaluation/differential instruction, etc. Required prior to restricted enrollment courses (methods blocks, 4400's). Application for provisional admission to teacher education required during this semester of enrollment. A field experience is required.

EDUC 4040 - Teaching Social Studies: K-5

Credit Hours 3

Prerequisite: Transition 2

Corequisite: SCI 4020

Description: The objectives, problems, and instructional techniques in teaching social studies, grades K-5. A school-based teaching experience is required.

EDUC 4041 - Middle School Social Studies Methods

Credit Hours 3

Prerequisite: Transition 2

Description: This course emphasizes methods of teaching social studies as an interdisciplinary field for middle school to include history, geography, political science/civics, and economics. Emphasis on developing instructional units and lesson plans, evaluating and assessing student learning, individualizing instruction, engaging students through a variety of teaching strategies, using technology to enhance instruction and creating and managing the classroom environment. A field experience is required.

EDUC 4045 - Culture, Communication, and Community in the ELL Classroom

Credit Hours 3

Prerequisite: Transition 2

Description: Topics include language and identity, language and power, cultural competence and factors related to participating in a culture other than one's native culture. The course focuses on cultural issues related to managing the second language classroom environment and the significance of culture and school in building literacy in a second language.

EDUC 4051 - The Reflective Practitioner

Credit Hours 3

Variable Credit Hours 3

Dual Listed: EDUC 5150

Prerequisite: Complete two courses from EDUC 4062, 4063, or 4065

Description: This course is the capstone seminar of students that articulate and explore the varied dimensions of the process of reflective teaching English to Speakers of Other Languages (TESOL). It is a culminating course that summarizes and synthesizes the knowledge acquired throughout the TESOL program. Students will apply reflective, analytical and critical thinking in regard to their own teaching experiences. Field teaching experience is required.

EDUC 4062 - Teaching Grammar to English Language Learners

Credit Hours 3

Prerequisite: Transition 2

Corequisite: None

Pre/Corequisite N/A

Description: This course is designed to allow students to become familiar with various techniques of teaching grammar to non-native English speakers. Specific areas covered include grammatical terminology, identifying and labeling sentence structures, and developing understandings of the ways English syntax conveys meaning. A field experience is required.

EDUC 4063 - Reading and Writing Methods for English Language Learners

Credit Hours 3

Prerequisite: Transition 2

Description: Topics build basic knowledge in oral, reading, and writing development in English ELL students. The course covers language acquisition theories, literacy development in the first and second language. The course assists

practicing classroom teachers in meeting the needs of English language learners with varying levels of English language proficiency and educational experiences.

EDUC 4065 - Assessment of English Language Learner Students

Credit Hours 3

Prerequisite: Transition 2

Description: Topics will train teachers to survey varying approaches to evaluating language and communication skills; distinguish between tests designed for language proficiency from those designed to detect learning problems; investigate models of language assessment; distinguish between tests designed to assess knowledge of language structure from those that evaluate communicative skill; critique research being done in the area of testing in a second language.

EDUC 4080 - Classroom Organization and Management

Credit Hours 3

Prerequisite: Transition 2

Description: Theories of classroom organization and management and their application. A field experience is required. Must be taken semester prior to student teaching.

EDUC 4081 - Classroom Organization and Management - Secondary

Credit Hours 3

Prerequisite: Transition 2

Description: Theories of classroom organization and management and their application designed for secondary education. A field experience is required. Must be taken semester prior to student teaching.

EDUC 4090 - Middle School Methods and Curriculum

Credit Hours 3

Prerequisite: Transition 2

Description: Curriculum, program, and philosophy uniquely focused on the middle grades student. A field experience is required.

EDUC 4160 - Teaching Diverse Students

Credit Hours 3

Prerequisite: Transition 2

Description: This course addresses the impact of student diversity on teaching and learning. Differences in beliefs, effective instruction of linguistic minorities, and socialization among groups are analyzed, with a focus on the relationship of these differences to learning outcomes in U.S. classrooms. Instructional strategies based on multicultural models of education are examined and alternative assessments are reviewed. A field experience is required.

EDUC 4161 - Teaching Diverse Students

Credit Hours 3

Prerequisite: Transition 2

Description: This course addresses the impact of student diversity on teaching and learning for those seeking secondary (6-12), middle school (6-8), or Special Education licensure. Differences in beliefs, effective instruction of linguistic minorities, and socialization among groups are analyzed, with a focus on the relationship of these differences to learning outcomes in U.S. classrooms. Instructional strategies based on multicultural models of education are examined, and alternative assessments are reviewed. As part of the Practicum block of courses, a field experience is required.

EDUC 4270 - Classroom Evaluation and Assessment

Credit Hours 3

Prerequisite: Transition 2

Description: Pupil assessment; evaluation of programs; self-assessment; differentiated instruction; contemporary assessment strategies; and related research applications.

EDUC 4271 - Classroom Evaluation and Assessment

Credit Hours 3

Prerequisite: Transition 2

Description: Student assessment; evaluation of programs; self-assessment; differentiated instruction; contemporary assessment strategies; and related research applications designed for secondary education.

EDUC 4300 - Essentials of Teaching English Language Learner Students

Credit Hours 3

Prerequisite: Transition 2 or enrollment as a non-degree seeking student

Description: This course addresses practical approaches and concerns related to teaching English Language Learner students in K-12 environments. Leading theories and their emergent approaches as well as strategic use of the student's native language and culture in ELL instruction are examined and used in planning, instruction, and assessment. A ten-hour field placement is required.

EDUC 4310 - Student Teaching PreKindergarten

Credit Hours 5

Prerequisite: Transition 3

Description: Teacher candidates will teach a full semester under the direction of supervising teachers. Experience at two grade levels and in varied settings is required. According to state directives, the student teacher must receive prior written permission from the Coordinator of Clinical Experiences to enroll in coursework other than student teaching during the semester. EDUC 4310 and 4410 include an intensive seminar in which portfolio-based summative assessment is accomplished. The seminar also addresses relevant issues in professional education as well as licensure procedures and induction into the teaching profession.

EDUC 4410 - Undergraduate Student Teaching Grades K-3

Credit Hours 5

Prerequisite: Transition 3

Description: Teacher candidates will teach under the direction of mentor teachers and university supervisors. Experience at two grade levels and in diverse settings is required.

EDUC 4510 - Undergraduate Student Teaching Grades 4-5

Credit Hours 5

Prerequisite: Transition 3

Description: Teacher candidates will teach under the direction of mentor teachers and university supervisors. Experience at two grade levels and in diverse settings is required.

EDUC 4610 - Undergraduate Student Teaching Grades 6-8

Credit Hours 5

Prerequisite: Transition 3

Description: Teacher candidates will teach in school district classrooms under the direction of mentor teachers and university supervisors. Experience at two grade levels and in diverse settings is required.

EDUC 4710 - Undergraduate Student Teaching Grades 9-12

Credit Hours 5

Prerequisite: Transition 3

Description: Teacher candidates will teach in school district classrooms under the direction of mentor teachers and university supervisors. Experience at two grade levels and in diverse settings is required.

EDUC 4720 - Special Topics in Education for Undergraduate Students

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Permission from the Dean, College of Education

Description: Used to satisfy special needs of groups or independent study activities for individuals.

EDUC 4730 - Problems in Education for Undergraduate Students

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Permission from the Dean, College of Education

Description: Used to satisfy special needs of groups or individuals who have unusual or atypical requests.

EDUC 4950 - Undergraduate Student Teaching Seminar

Credit Hours 2

Prerequisite: Transition 3

Description: This course is a capstone seminar required during the clinical semester. The course will focus on formative and summative assessment; completion of program and licensure requirements; professional development, and orientation and induction into the teaching profession. The edTPA will be completed and submitted for national scoring during the seminar. Course includes small group and whole group discussions, guest speakers, and self-reflection.

Engineering

ENGR 1000 - Introduction to Engineering

Credit Hours 2

Description: An introduction to the engineering profession, including the fundamentals of engineering practice, will be presented. Professional topics include: legal and ethical responsibilities, societal considerations, environmental concerns, the major disciplines of engineering, and professional communication. The fundamentals of engineering practice include: engineering graphics, problem solving methods, basic physical units, other essential industrial skills, and safe work practices.

ENGR 2110 - Statics

Credit Hours 3

Prerequisite: PHYS 2110/2111

Pre/Corequisite MATH 1920

Description: Introduction to Engineering Mechanics, study of solid bodies at rest, vector algebra, static equilibrium, friction, centroids, moments of inertia, basic structures.

ENGR 2120 - Dynamics

Credit Hours 3

Prerequisite: ENGR 2110, MATH 1920 with grades of "C" or higher

Description: Continuation of Engineering Mechanics, kinetics of solid bodies and groups of particles, application of Newton's Laws of Physics.

ENGR 3003 - Advanced Engineering Mathematics I

Credit Hours 2

Prerequisite: MATH 1920 with grade of "C" or higher

Pre/Corequisite MATH 2110

Description: The first of a three semester sequence covering mathematical techniques used for problem solving in engineering and physics, focusing on complex numbers, linear algebra and projection into spaces. Techniques will be applied to physical systems.

ENGR 3004 - Advanced Engineering Mathematics II

Credit Hours 2

Prerequisite: ENGR 3003, MATH 2110 with grades of "C" or higher

Pre/Corequisite MATH 3120

Description: The second of a three semester sequence covering mathematical techniques used for problem solving in engineering and physics, focusing on vector calculus in Cartesian and curvilinear coordinates. Techniques will be applied to physical systems.

ENGR 3005 - Advanced Engineering Mathematics III

Credit Hours 2

Prerequisite: PHYS 2120/ 2121 with a grade of "C" or higher, and MATH 3120 with a grade of "C" or higher, and ENGR 3004 with a grade of "C" or higher

Description: The third of a three semester sequence covering mathematical techniques used for problem solving in engineering and physics, focusing on techniques to solve differential and partial differential equations. Techniques will be applied to physical systems.

ENGR 3020 - Engineering Thermodynamics

Credit Hours 3

Prerequisite: MATH 2110, PHYS 2110 with grades of "C" or higher;

Description: Fundamentals and engineering analysis of thermodynamic systems will be presented. Topic include: concepts, models and laws, energy and the first law, properties and states, energy analysis of thermodynamic systems, entropy and the second law, and conventional power and refrigeration cycles.

ENGR 3040 - Experimental Methods

Credit Hours 2

Cross Listed: PHYS 3040

Prerequisite: PHYS 2120/2121 and MATH 1920 with a grade of "C" or higher;

Corequisite: ;

Description: Experimental techniques used in physics and engineering including basics of data acquisition and control, electric circuits, vacuum technology, thermometry, light sources, optical components and procedures, materials and machining.

ENGR 3041 - Experimental Methods Lab

Credit Hours 2

Cross Listed: PHYS 3041

Prerequisite: PHYS 2120/2121 and MATH 1920 with a grade of "C" or higher;

Corequisite:

Description: Laboratory component for ENGR 3040. Experimental techniques used in physics and engineering including data acquisition and control, vacuum technology, thermometry, light sources, optical components and techniques, materials and machining.

ENGR 3050 - DC and AC Circuits

Credit Hours 3

Prerequisite: ENGR 3004, ENGR 3040, ENGR 3041 with grades of "C" or higher;

Corequisite: ENGR 3051;

Description: Basic analysis of DC and AC circuits including Ohm's and Kirchoff's laws, mesh and nodal analysis, Norton's and Thevenin's Theorems, analysis of R, RL and RLC circuits, transformers, AC power analysis, phasor diagrams, and applied Laplace Transforms. Students will learn to read circuit diagrams, solve relevant problems and gain basic understanding of the functioning principles of common components used in electronic circuitry.

ENGR 3051 - DC and AC Circuits Lab

Credit Hours 1

Prerequisite: ENGR 3004, ENGR 3040, ENGR 3041 with grades of "C" or higher;

Corequisite: ENGR 3050;

Description: Lab accompanying ENGR 3050. Basic analysis of DC and AC circuits including Ohm's and Kirchoff's laws, mesh and nodal analysis, Norton's and Thevenin's Theorems, analysis of R, RL and RLC circuits, transformers, AC power analysis, phasor diagrams, and applied Laplace Transforms. Students will learn to read circuit diagrams, solve relevant problems and gain basic understanding of the functioning principles of common components used in electronic circuitry. Laboratory includes practical experience in soldering/assembling circuit boards and use of common measuring devices (oscilloscopes etc).

ENGR 3060 - Electronics

Credit Hours 3

Prerequisite: ENGR 3050/3051 with grades of "C" or higher;

Corequisite: ENGR 3061;

Description: Nonlinear circuit elements (diodes, switches, transistors), dynamics of first- and second-order networks, design in the time and frequency domains, amplifiers, digital abstraction, Boolean logic, analog and digital circuits and applications. Calculus and differential equations are used as are trigonometric and complex Fourier analysis.

ENGR 3061 - Electronics Lab

Credit Hours 1

Prerequisite: ENGR 3050/3051 with grades of "C" or higher;

Corequisite: ENGR 3060;

Description: Nonlinear circuit elements (diodes, switches, transistors), dynamics of first- and second-order networks, design in the time and frequency domains, amplifiers, digital abstraction, Boolean logic, analog and digital circuits and applications. Calculus and differential equations are used as are trigonometric and complex Fourier analysis. Laboratory includes building simple gates, amplifiers and filters, performing a small-signal analysis, designing simple analog and digital circuits.

ENGR 3101 - Advanced Engineering Lab

Credit Hours 1

Prerequisite: ENGR 3040/ENGR 3041 with grades of "C" or higher;

Description: Engineering analysis and design synthesis is required as part of the laboratory exercises that engage students with engineering tools and instrumentation to analyze, devise or modify systems, components or processes. Students will build models, conduct experiments, interpret data and write reports as part of the analysis and synthesis process. Laboratory topics may include mechanical, electrical, chemical, fluids, and thermal systems.

ENGR 3600 - Materials Science

Credit Hours 3

Prerequisite: CHEM 1110/1111 or PHYS 3000, and PHYS 2120/2121 with grades of "C" or better;

Description: Classification of materials based on atomic bonding and properties. Application of knowledge of material properties to the selection for design, production, and end use. Dependence of material properties on composition and structure with emphasis on mechanical and electrical properties. Understanding of cost, environmental and safety factors in engineering design with materials.

ENGR 3650 - Fluid Mechanics

Credit Hours 3

Prerequisite: ENGR 3005 with a grade of "C" or higher

Description: Fundamentals and engineering analysis of fluid systems will be presented. Topics include: fundamentals of fluid flow, fluid statics, systems and control volumes, continuity, momentum and energy equations, dynamic similitude, one-dimensional open channel flow, and compressible flow.

ENGR 3700 - Mechanics of Materials

Credit Hours 3

Prerequisite: ENGR 2110 and MATH 3120 with grades of "C" or higher;

Description: Engineering analysis regarding strength and physical performance of structures. Topics include: material properties, stress & strain due to axial loads & torsion, shear-force & bending-moments in beams, stresses in beams, plane stress & strain, analysis of pressure vessels, deflection of beams, and analysis of columns for buckling and stability.

ENGR 4000 - Computational Engineering

Credit Hours 3

Cross Listed: PHYS 4000

Prerequisite: CSCI 2000 and PHYS 3000 with a grade of "C" or better

Corequisite: ENGR 4001

Pre/Corequisite ENGR 3005

Description: Computational techniques used for problem solving in physics and engineering. Numerical techniques for solving ordinary differential and partial differential equations, and systems of equations; analysis of data; curve fitting and spectral methods; and numerical solutions of systems of equations. Applications of these techniques to physical/engineering problems.

ENGR 4001 - Computational Engineering Lab

Credit Hours 1

Cross Listed: PHYS 4001;

Prerequisite: CSCI 2000 and PHYS 3000 with grades of "C" or better

Corequisite: ENGR 4000;

Pre/Corequisite ENGR 3005

Description: Laboratory component for ENGR 4000. Computational techniques used for problem solving in physics and engineering. Numerical techniques for solving ordinary differential and partial differential equations, and systems of equations; analysis of data; curve fitting and spectral methods; and numerical solutions of systems of equations. Applications of these techniques to physical/engineering problems.

ENGR 4100 - Engineering Internship

Credit Hours 1 to 6

Variable Credit Hours 1 to 6

Prerequisite: Approval of advisor and chair and prior arrangement with employer;

Description: One-term learning experience acquired through supervised part-time employment with a national research laboratory, a research institution, university, or related industrial partner. Satisfactory employer evaluation and detailed written documentation of the work performed is required. Pass/Fail only. May be repeated up to a total of 12 credit hours.

ENGR 4110 - Cooperative Educational Experience in Engineering

Credit Hours 1

Prerequisite: Approval of chair and advisor and prior arrangement with employer;

Description: Multi-term learning experience acquired through supervised full-time salaried employment with a national research laboratory, a research institution, university or related industrial partner. Co-op terms typically alternate with full-time enrollment terms. Pass/Fail only. May be repeated up to a total of 4 credit hours. Participation in a co-op may increase time to graduation by the number of semesters of participation.

ENGR 4150 - Special Topics in Engineering

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Six hours of upper division physics or engineering with grades of "C" or higher; and permission of instructor;

Description: Selected topics of interest in advanced engineering. Topics to be chosen by the instructor. May be repeated for different topics for a total of up to 9 credit hours.

ENGR 4151 - Research in Engineering

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Six hours of upper division physics or engineering with grades of "C" or higher; and permission of instructor;

Description: Research activities agreed on by the student and instructor which may emphasize lab techniques or data acquisition and analysis. Written and oral reports are required. May be repeated for a total of up to 9 credit hours.

ENGR 4300 - Signal Processing

Credit Hours 3

Prerequisite: ENGR 3005 with a grade of "C" or higher

Description: An introduction to the basic techniques of digital signal processing. Modern approaches to signal acquisition, signal enhancement, and signal analysis. A significant amount of mathematics background is required since a good portion of the course deals with spatial domain and frequency domain operators.

ENGR 4510 - Engineering Design I

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ENGR 2120, 3005, 3020, 3050/3051, 3650, 3700 and CSCI 2000 with grades of "C" or better

Description: Study of engineering design with emphasis on synthesis, analysis and failure prevention. Engineering projects involving mechanical, electrical, fluids and/ or thermal systems that require engineering design with consideration of economics, manufacturability, and public health & safety. Presentations and engineering documentation required.

ENGR 4520 - Engineering Design II

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ENGR 4510 with a grade of "C" or higher;

Description: Study of engineering design with emphasis on product design with regards to assembly, maintenance, manufacturing, optimization, and prototyping. Selected topics of design and failure prevention included. Selected engineering projects requiring the design, build, and test of a prototype device/model. Presentations, written reports, engineering drawings and prototype construction required. This course requires the completion of the Fundamentals of Engineering (FE) exam, which is an out-of-pocket student expense.

ENGR 4950 - Independent Study in Engineering

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Six hours of upper division physics or engineering with grades of "C" or higher; and permission of instructor;

Description: Current topics in engineering. Topics to be chosen by student. Subject to be approved by instructor. May be repeated with permission of instructor up to 9 credits.

Engineering Technology

ENGT 1000 - Introduction to Engineering and Engineering Technology

Credit Hours 3

Variable Credit Hours 3

Description: Introduction to concepts in engineering and technology including the engineering design cycle; physical, economic,

social and environmental considerations, trade-offs, design codes and standards, and safety. Ethical considerations in engineering and technology. Degree and career planning. Introduction to concepts of Industry 4.0 and the Industrial Internet of Things (IIoT).

ENGT 1005 - Industrial Workforce Preparation

Credit Hours 3

Prerequisite: None

Corequisite: None

Pre/Corequisite None

Description: The purpose of this course is to provide basic technical, safety, and soft skills concepts to students seeking employment at an operator level in an industrial manufacturing setting. Topics include fundamental industrial electrical, automation, mechanical, and fluid power systems targeting the manufacturing area. Other topics include soft skills training such as promptness, overall professionalism, and multicultural work environments.

ENGT 1020 - Computer Aided Drafting and Design

Credit Hours 3

Description: Introduction to the use of computer software for drafting and design. Use of software in the creation and modification of two-dimensional mechanical drawings to include techniques for creating multi-views, annotations, dimensioning and plotting on paper. Isometric and Architectural drawing tools will also be introduced.

ENGT 1200 - Applied Mathematics for Engineering Technology

Credit Hours 3

Prerequisite: Completion of any enhanced math requirements before taking this course;

Description: Applications of Mathematics for use in Engineering Technology programs. Topics from Algebra, Geometry, and Trigonometry for engineering technology applications, including right triangles and trigonometric functions, exponential and logarithmic functions, vectors and complex numbers.

ENGT 1400 - Applied Calculus for Engineering Technology

Credit Hours 3

Prerequisite: ENGT 1200 or MATH 1730

Description: Applications of Calculus for use in Engineering Technology programs. Topics include derivatives, applications of derivatives, direct integration, integration by use of tables, applications of integration and topics from analytic geometry.

ENGT 1720 - Plane Surveying

Credit Hours 3

Prerequisite: ENGT 1200 or MATH 1730

Description: Coverage includes field procedure necessary for measuring distances, elevations, horizontal and vertical angles, topographic mapping, boundary and area calculations, transit and stadia surveying, leveling, and curve ranging.

ENGT 2000 - Manufacturing Processes

Credit Hours 3

Description: Principles, processes and problems associated with conversion of engineering materials into useful forms and goods; machining operations using traditional and computer numerical controlled machine tools. Introduction to Industry 4.0 / Industrial Internet of Things (IIoT) in Manufacturing Processes.

ENGT 2010 - DC Circuits and Applications

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ENGT 1200 OR MATH 1730 OR permission of instructor

Description: Analysis of electrical measurements in direct current circuits; Ohm's Law, series and parallel circuits, Kirchoff's Laws, and selected network theorems including superposition, Thevenin's, and Norton's theories applied to DC circuit analysis.

ENGT 2020 - Robotics Fundamentals

Credit Hours 3

Description: Topics including history of robotics, terminology, classification, end-of-arm tooling, sensing, control, applications, safety and the role of robotics in Industry 4.0 / Industrial Internet of Things (IIoT). Using hands-on activities, the students will learn beginning programming methods with industrial robots to complete a series of basic tasks.

ENGT 2030 - AC Circuits and Applications

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ENGT 2010 and (ENGT 1400 or MATH 1810 or Instructor's Permission)

Description: Analysis of alternating current circuits, inductance, capacitance, reactance, impedance, Kirchoff's Laws, selected network theorems including superposition, Thevenin's, and Norton's theories applied to AC circuit analysis. Introduction to resonance, and filter circuits.

ENGT 2200 - Electronics Fundamentals I

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ENGT 2030

Description: Introduction to semiconductor and electronic devices, diodes and transistors, Bipolar Junction Transistor (BJT) biasing and operation, small signal amplifiers, Field Effect Transistors (FET), and switches. Analysis of Class A, Class B, and Class C power amplifiers.

ENGT 2220 - Digital Design I

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ENGT 2010

Description: The study of digital combinational logic circuits. Topics include number systems, logic gates, Boolean algebra, and logic simplification, Karnaugh mapping and functions of combinational logic. Students will solve problems as applied to real-world applications.

ENGT 2240 - Electronics Fundamentals II

Credit Hours 3

Prerequisite: ENGT 2200

Description: Advanced topics in electronics. Applications of operational amplifiers and integrated circuits, oscillators, active filters, and voltage regulators.

ENGT 2250 - Digital Design II

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ENGT 2220

Description: The study of digital sequential logic circuits. Topics include latches, flip-flops, counter circuits, timers, shift registers, data transmission, memory, and storage. Further study of Karnaugh mapping in sequential circuits.

ENGT 2260 - Microcontrollers

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ENGT 2250

Description: An explanation of basic principles of a microcontroller from registers and memory to external I/O. Topics include microcontroller concepts, architecture, addressing modes, scaling operations, instruction types, stack operations, and interrupt handling. C programming and assembly languages are used. Includes microcontroller-based hands-on learning and embedded systems.

ENGT 2730 - Introduction to Solid Modeling

Credit Hours 3

Prerequisite: ENGT 1020

Description: Introduction to solid modeling for the design of parts and assemblies. Basic techniques for creating 3D solid models of parts and assemblies of parts; generation of 2D engineering drawings from 3D solid models. Introduction to concepts of geometric dimensioning and tolerancing (GD&T).

ENGT 2750 - General Contracting

Credit Hours 3

Description: Project Specifications. Other aspects of construction management such as contract laws, negotiations, and professional ethics will be examined.

ENGT 2990 - Cooperative Work Experience I

Credit Hours 3

Prerequisite: ENGT 1020, sophomore standing with advisor approval

Description: An educational experience combining college studies with institutionally supervised and pre-approved work experiences at cooperating organizations. Student must apply and be accepted prior to registration. Other regulations apply. See cooperative work experience advisor.

ENGT 3000 - Materials Science

Credit Hours 3

Prerequisite: ENGT 2000 or permission of instructor

Description: Survey of materials for manufacturing and other engineering technology applications. Introduction to structure, properties, and manufacture of engineering materials including polymers, metals, ceramics, and composites. Effects of material structure down to the atomic level on physical, electrical and mechanical properties. Emphasis on manufacturing and procurement.

ENGT 3010 - Engineering Economics

Credit Hours 3

Prerequisite: ENGT 1200 OR MATH 1730

Description: Basics of economic decision-making common to industrial management and personal finance. Time value of money and other commonly used measures are compared to select the most economically feasible alternative.

ENGT 3020 - Statics and Strength of Materials

Credit Hours 3

Prerequisite: (ENGT 1200 or MATH 1720 or MATH 1730) and PHYS 2010/2011

Description: Principles of mechanics applied to objects at rest; equilibrium; balance of forces; friction; center of gravity and moments of inertia. Concepts of strength of materials for design applications: stresses and strains, torsion, shear, bending, deflection, Mohr's circle, and buckling.

ENGT 3030 - Thermodynamics

Credit Hours 3

Prerequisite: MATH 1810 or ENGT 1400, and PHYS 2010/2011

Description: Application of thermodynamic principles to energy systems; properties and phase changes; energy conversion; power system operating cycles; refrigeration; introduction to heat transfer.

ENGT 3040 - Power Transfer Technology

Credit Hours 3

Prerequisite: PHYS 2010/2011

Description: Introduction to principles and practices for transfer of power utilizing high electrical voltages, hydraulics, and pneumatics.

ENGT 3050 - Problem Solving in Engineering Technology

Credit Hours 3

Prerequisite: MATH 1530 and (ENGT 1400 or MATH 1810)

Description: Creative and analytic methods for problem-solving in engineering technology. Creative strategies; problem definition; finding solutions; implementation, and evaluation. Techniques for working in teams. Computer software and mathematical tools applied to aspects of problem-solving including processing and presenting the information. Intended for students in their third year before their senior capstone.

ENGT 3100 - Robotic Applications

Credit Hours 3

Prerequisite: ENGT 2020

Description: Applications of robots in various areas; case studies of robotic application related improvement in industries with an emphasis on current Industry 4.0 / Industrial Internet of Things (IIoT) Standards. Using hands-on activities, students use intermediate programming methods with industrial robots to complete a series of specialized tasks.

ENGT 3130 - Additive Manufacturing Technology

Credit Hours 3

Prerequisite: ENGT 2730

Description: The history and development of Additive Manufacturing (AM) technology and its role in Industry 4.0 Applications. Designing for AM Applications. Compare and contrast AM vs Subtractive Manufacturing (SM) and Formative Manufacturing (FM) techniques. Comparison of AM Technology capabilities and materials. Course will include hands-on labs to design parts, produce them with 3D printers.

ENGT 3190 - Reverse Engineering and 3D Laser Scanning

Credit Hours 3

Prerequisite: ENGT 3130

Description: The course will introduce reverse engineering, operating principles of 3D scanning, and applications of 3D laser scanners. Students will apply knowledge of 3D scanners for reverse engineering and direct digital fabrication purposes.

ENGT 3280 - Communication Systems I

Credit Hours 3

Prerequisite: ENGT 2200 and (MATH 1810 or ENGT 1400)

Description: Introduction to communications systems with emphasis on the theory of Amplitude Modulation (AM)/Demodulation, Frequency Modulation (FM)/Demodulation, and Side Bands. Transmission and reception techniques.

ENGT 3290 - Communication Systems

Credit Hours 3

Prerequisite: ENGT 2200 and (MATH 1810 or ENGT 1400)

Description: Overview of Communications Systems, Modulation and Demodulation, Transmitter and Receiver, Digital Communication and Internet, Waveguides, Radar, and Fiber optics.

ENGT 3330 - Hybrid Vehicle Systems

Credit Hours 3

Prerequisite: ENGT 1460 or ENGT 2010

Description: Introduction to hybrid vehicle propulsion systems. Hybrid vehicle designs, fundamentals of 3-phase permanent magnet and AC induction motor/generator systems. Fundamentals of high voltage battery pack and energy systems. Introduction to hybrid propulsion system design and control.

ENGT 3610 - Production/Operations Management

Credit Hours 3

Description: Methods of efficient plant management, including production scheduling, inventory control, forecasting, linear programming, transportation, statistical analysis, CPM, PERT, simulation, quality control, work management, and maintenance.

ENGT 3650 - Statistical Quality Control

Credit Hours 3

Prerequisite: (ENGT 3050 AND junior standing) OR permission of instructor

Description: Basic principles and techniques of quality control and its applications to manufacturing processes. Emphasis on process control, sampling inspections, reports and records based on statistical analysis.

ENGT 3700 - Construction Estimating

Credit Hours 3

Prerequisite: ENGT 1200 or MATH 1730;

Description: Review of drawings and specifications to quantify material, labor, overhead, and equipment requirements relative to project bid preparation. Computer software is utilized to develop construction bids for simulated projects.

ENGT 3720 - Architectural Design

Credit Hours 3

Prerequisite: ENGT 1020

Description: Conceptual and detailed model for architectural design using modern 3D drawing tools. The student prepares

construction documents for floor plans, elevations, building sections, wall sections, and details. The preparation of preliminary Architectural and Structural and construction drawings and construction documents using 3D and BIM modeling software. Student will produce high quality project documents in a timely fashion.

ENGT 3740 - Water and Sewer Systems

Credit Hours 3

Prerequisite: ENGT 1200 or MATH 1730

Description: Engineering principles are used as the foundation for rigorous design of conventional and advanced water treatment process for water supply and waste water disposal. The course also covers appropriate regulatory constraints and highlights safety issues.

ENGT 3810 - Plastics Manufacturing Technology

Credit Hours 3

Prerequisite: ENGT 3000

Description: Overview of plastic materials; types of plastics and material properties; industrial manufacturing processes used to make useful products, including injection molding, extrusion, thermo-forming, blow molding, and casting. Plastics manufacturing equipment and operations reviewed in laboratory.

ENGT 3820 - Technology and Society

Credit Hours 3

Description: Technological and Engineering Literacy for non-majors. Technology in a broad sense; issues, concerns, and impacts of technology on society. Overview of engineering for non-engineers. Physical, economic, societal aspects and trade-offs. Ethical issues in engineering and technology. Focus on helping students understand and apply knowledge of engineering and technology.

ENGT 3830 - Metals Manufacturing

Credit Hours 3

Prerequisite: ENGT 3000

Description: Methods for preparation of metals and alloys including ore dressing, reduction of metal oxides and sulfides; refining of metals and alloys; phase diagrams, physical properties, classification nomenclature.

ENGT 3840 - Dynamics

Credit Hours 3

Prerequisite: ENGT 3020 and (ENGT 1400 or MATH 1810)

Description: Fundamental principles of dynamics applied to understand and predict the motion of objects as particles and as rigid bodies. Introduction to vibrations.

ENGT 3850 - Manufacturing Processes II

Credit Hours 3

Prerequisite: ENGT 1020, 2000, 2730;

Description: A continuation of computer controlled manufacturing machines to include processes, machine selection, and conversion of geometric analysis into computer numerical control (CNC) language. Students will write CNC programs and program CNC machines in lab exercises.

ENGT 3860 - Geometric Dimensioning and Tolerancing

Credit Hours 3

Prerequisite: ENGT 1020, 1200, 2730

Description: Methods of geometric dimensioning and tolerancing based on ASME Y14.5 standard. Dimensioning, datum selection, and tolerances. Instruments and applications of metrology.

ENGT 3880 - Energy Conversion

Credit Hours 3

Prerequisite: ENGT 3030

Description: Methods for using solar, wind, chemical, waste heat, and other energy sources to produce useful power. Theory and application of solar collection devices, geothermal energy sources, fuel cells and other power generating technology. Energy loss and methods of measuring losses will be applied to determine the efficiency of conversion devices.

ENGT 3890 - Mechatronics

Credit Hours 3

Prerequisite: ENGT 2020, 2030, 3040

Description: Integration of mechanics, electronics, and control theory, to product designs and manufacturing for optimizing of mechanical response. Application of computerization and industry standard tools such as LabView software.

ENGT 4020 - Architectural Structure Design

Credit Hours 3

Prerequisite: ENGT 3020

Description: This course covers the design of wooden, steel, and concrete structural members in a building using appropriate codes.

ENGT 4120 - Sensors and Vision Systems

Credit Hours 3

Prerequisite: ENGT 2020 and 4150

Description: Topics include contact and non-contact sensors, automatic identification technology, used in industries especially

for automation. Hands-on activities include sensor interfacing, bar coding, vision system setup, image processing, and applications.

ENG 4130 - Additive Manufacturing Applications

Credit Hours 3

Prerequisite: ENGT 3130

Description: Student project teams will design a product that is difficult or impracticable to fabricate using Subtractive Manufacturing (SM) technology, and then utilize the Additive Manufacturing (AM) technologies available in the lab to fabricate the product. Students will research current or future (Industry 4.0) AM Applications and present the results of their research.

ENG 4150 - Programmable Logic Controls

Credit Hours 3

Variable Credit Hours 3

Prerequisite: ENGT 2010

Description: Introduction to programmable logic controllers (PLC), PLC components, programming in Boolean Logic, counter and timer, memory organization and data manipulation. Students will learn various control diagrams, PLC programming languages and control circuits; and will program various PLCs for hands-on learning.

ENG 4180 - Robotic Capstone

Credit Hours 3

Prerequisite: ENGT 3100, 4120, 4150, 4850

Description: Through a structured approach to the development and implementation of a robot work cell, the capstone project stimulates work in industry where students must integrate knowledge and skills from all area of curriculum. Emphases are also on organization, project management, team work, communication skills and social and ethical issues.

ENG 4210 - Industrial Automated Systems

Credit Hours 3

Prerequisite: ENGT 2030 OR permission of Instructor.

Description: Introduction to Industrial Control Systems, Interfacing Devices, Process Control, and Instrumentation - Proportional (P), Integral (I), Derivative (D), PI and PID controls; tuning of closed-loop systems; Industrial Detection Sensors and Interfacing; Motion Control; Includes circuit simulation.

ENG 4220 - Communication Systems II

Credit Hours 3

Prerequisite: ENGT 2220 and ENGT 3280

Description: Transmitting medium such as transmission lines, methods of getting signals from transmitters to receivers, wave propagation, antennas, waveguides and radar, microwave and lasers, and fiber optics. Students will prepare a capstone project proposal including system requirements, selection of hardware, software, schedule, tasks, budget, and interim report.

ENGT 4240 - Mechatronics Design

Credit Hours 3

Prerequisite: ENGT 3040, 3840, 4120

Description: Introducing mechanical design of mechatronics systems. Includes problem analysis, design, material selection and performance analysis.

ENGT 4250 - Linear Electronics and Capstone Experience

Credit Hours 3

Prerequisite: ENGT 4220

Description: Linear electronics circuits and devices; circuits applications; analyzing, and performance modeling of operational amplifiers and other devices. Completion of capstone project. This integrating experience requires students to work on project deliverables including a final report.

ENGT 4290 - Mechatronics Capstone

Credit Hours 3

Prerequisite: ENGT 4240

Description: Design and analysis of a complete mechatronics systems using sensors, actuators and controllers.

ENGT 4330 - Advanced Hybrid Vehicle Systems

Credit Hours 3

Prerequisite: ENGT 3330

Description: Hybrid propulsion system design and control to include prime mover design, external charging systems, design of onboard electrical power generation systems, and systems used to control hybrid propulsion devices.

ENGT 4390 - Automotive Capstone Project

Credit Hours 3

Prerequisite: All requirements as listed in Engineering Technology "Capstone Project Courses Requirements" and Advisor approval

Description: Integrated work experience allowing students to apply the knowledge gained from the engineering technology core and automotive concentration courses to real industry problems. Students will be required to solve an industry problem relevant to automotive design or manufacturing processes within an industrial or simulated industrial setting.

ENGT 4500 - Occupational Safety and Health

Credit Hours 3

Prerequisite: Junior standing

Description: This course covers study of the causes and types of accidents and safety hazards in the work place. OSHA Acts and

Standards and ethical issues to improve safety and hazards. Proper method of accident investigation and accident reporting are covered thoroughly. Also covered are topics based on Safety Analysis, Safety and Health Training, and Safety Management.

ENGT 4710 - Fluid Mechanics

Credit Hours 3

Prerequisite: (MATH 1810 or ENGT 1400) and PHYS 2010/2011

Description: Physical phenomenon of fluid flows in closed pipes and open channels using fundamental laws and empirical formulae. Fluid properties, manometry, fluid pressure, quantity of flow, submerged bodies, and buoyancy will be studied.

ENGT 4715 - Wood Design

Credit Hours 3

Prerequisite: ENGT 1020 and (ENGT 1200 or MATH 1730);

Description: Design of wooden floors, beams, joists, columns, trusses, connections and bracing by using the latest National Design Standards (NDS) ASD/LRFD specifications. Also student will calculate bending moments, shear forces and deflection to design build up sections using ASCE maximum loads.

ENGT 4720 - Advanced Computer Aided Design

Credit Hours 3

Prerequisite: ENGT 1020 or permission of instructor

Description: Use of computers in design and drafting of complex shapes and machine components through construction of two or three-dimensional or isometric drawings. Other topics include blocks, attributes, bills of materials, external references, and paper space drawing and printing.

ENGT 4730 - Applied Solid Modeling

Credit Hours 3

Prerequisite: ENGT 2730

Description: Applications of solid object modeling using industry-standard solid modeling software. Advanced topics in generation of 3D solid models, 2D engineering drawings, and assemblies. Geometric dimensioning and tolerancing (GD&T) applications with solid models; GD&T notation in drawings. Use of solid models in engineering design and analysis.

ENGT 4740 - Steel Design

Credit Hours 3

Prerequisite: ENGT 3020

Description: A study of the fundamental theories and principles used to design simple steel structures.

ENGT 4750 - Reinforced Concrete

Credit Hours 3

Prerequisite: ENGT 3020

Description: Common practices of design and construction of reinforced concrete beams, columns, roofs and foundations using ACI codes.

ENGT 4790 - Construction Capstone Project

Credit Hours 3

Prerequisite: ENGT 3720, 4715

Description: Modern methods for managing construction projects, including Critical Path Method (CPM), resource allocation, and flow of funds. Practical applications are made through simulated projects.

ENGT 4800 - Machine Design

Credit Hours 3

Prerequisite: (ENGT 1400 or MATH 1810) and ENGT 3020 and ENGT 2730

Description: Overview of machines, and mechanical systems with an emphasis on manufacturing applications. Machine element design based on strength of materials and failure theory analysis. Maintenance, operation, and safety issues.

ENGT 4810 - Advanced Manufacturing Processes

Credit Hours 3

Prerequisite: ENGT 3850, 3020, 3000, MATH 1530

Description: Conversion of working drawings to programs for computer numerical control (CNC) machines. Methods of selecting the appropriate manufacturing processes for specific applications and the application of lecture topics to laboratory exercises. Lecture and laboratory content emphasize quality control techniques. Students will begin the initial phases of the manufacturing capstone project for the course ENGT 4890.

ENGT 4820 - Vibrations and Noise in Mechanical Systems

Credit Hours 3

Prerequisite: ENGT 3050 and ENGT 3840

Description: Basic concepts of vibration analysis in mechanical systems. Theory and application to noise, vibration, and harshness (NVH) problems in vehicles and other systems.

ENGT 4840 - Linear Electronics

Credit Hours 3

Prerequisite: ENGT 2240 or permission of instructor

Description: Linear electronics circuits and devices; circuits applications; analyzing, and performance modeling of operational amplifiers and other devices. Students will also develop a project proposal for the following Electrical Capstone course.

ENGT 4850 - Computer Integrated Manufacturing

Credit Hours 3

Prerequisite: ENGT 2000 and 2020

Description: Introduction to the manufacturing enterprise, manufacturing systems; computer integration in product design, production process systems, production support systems, and enterprise resources. Role of advanced concepts of Industry 4.0 / Industrial Internet of Things (IIoT) in manufacturing enterprises.

ENGT 4880 - Refrigeration Machines and Power Systems

Credit Hours 3

Prerequisite: ENGT 3030

Description: Application of thermodynamic principles to understand and improve power systems and refrigeration machines. Rankine, Otto, Diesel, and Brayton cycles for power; vapor compression and absorption machines for refrigeration.

ENGT 4885 - Electrical Capstone

Credit Hours 3

Prerequisite: ENGT 4840 or permission of instructor

Description: This course includes a culmination project and is a continuation of the work initiated in ENGT 4840 and provides an integrated learning experience for students. Seniors collaborate in teams to solve a real-life problem relevant to an electrical engineering process or system within an industrial context. Emphasis is placed on the design process, the technical aspects of the design, and mapping the proposed design to project completion.

ENGT 4890 - Manufacturing Capstone

Credit Hours 3

Prerequisite: ENGT 4810, requirements as listed in "Capstone Project Courses Requirement," and Advisor approval

Description: An integrated work experience allowing students to apply the knowledge gained from Engineering Technology core and manufacturing concentration courses. Students will be required to solve a real-life problem relevant to a manufacturing process or system, within an industrial setting by developing a strategy for problem resolution and then applying that strategy for project completion.

ENGT 4895 - Mechanical Capstone

Credit Hours 3

Prerequisite: ENGT 3840 AND ENGT 3030 AND ENGT 2730 AND ENGT 4800

Description: An integrated work experience allowing students to apply the knowledge gained from the Engineering Technology core and mechanical concentration courses. Students will be required to solve real problems relevant to mechanical engineering technology by developing a strategy for problem resolution and applying the strategy for project completion.

ENGT 4900 - Senior Seminar

Credit Hours 1

ENGT 4991 - Special Problems

Credit Hours 3

Prerequisite: Departmental Chair approval

Description: Reserved for ENGT students who need a class for graduation that is not being offered or is closed due to low enrollment. May also be used to study a topic not offered as a regular course.

ENGT 4992 - Special Problems

Credit Hours 3 to 4

Variable Credit Hours 3 to 4

Prerequisite: Departmental Chair approval

Description: Reserved for ENGT students who need a class that includes an Engineering Technology laboratory for graduation that is not being offered or who need a class that is closed due to low enrollment. May also be used to study a topic not offered as a regular course.

ENGT 5270 - Graduate Capstone Project

Credit Hours 1

Prerequisite: Completion of other courses in MSET degree program and committee approval.

Description: Project topics to be selected in consultation with student's faculty advisor and approval of department head. The project will involve hardware and systems approach to the design and development of an integrated system. Incorporating engineering technology standards and realistic design constraints. Requires formal reports and oral presentation.

ENGT 5271 - Engineering Technology

Credit Hours 1

Prerequisite: Approval of Graduate Advisor

Description: Continuation of project work from ENGT 5270.

ENGT 5272 - Graduate Capstone Project III

Credit Hours 1

Prerequisite: Approval of Graduate Advisor

Description: Continuation of graduate project work from ENGT 5270 and 5271.

English

ENGL 340A - Arthurian Romance

Credit Hours 3

Prerequisite: ENGL 2330

Description: Various versions of the Arthurian legend from the Middle Ages to the 20th century.

ENGL 340B - Native American Literature

Credit Hours 3

Prerequisite: ENGL 2330

Description: A Native American writing and oratory from pre-Columbian Trickster Tales to recent novels. Special attention will be paid to Native American cultures, sovereignities and EuroAmerican acculturation, reading such writers as Samson Occom, Zitkala-Sa, Leslie Marmon Silko and Sherman Alexie.

ENGL 340C - Modern Southern Fiction

Credit Hours 3

Prerequisite: ENGL 2330

Description: Southern writers with special emphasis on those of the 20th century.

ENGL 340D - Mythology and Folklore

Credit Hours 3

Prerequisite: ENGL 2330

Description: Southern writers with special emphasis on those of the 20th century.

ENGL 340F - Women Writers: Topics in Women Literature

Credit Hours 3

Prerequisite: ENGL 2330

Description: Examination of significant issues or topics reflected in women's literature from a variety of cultures and perspectives. Topics will be selected by individual instructors.

ENGL 340G - Critical Studies: African American Literature

Credit Hours 3

Prerequisite: ENGL 2330

Description: Selected readings in African American literature with an emphasis on different critical approaches to literature.

ENGL 340H - African Writers

Credit Hours 3

Prerequisite: ENGL 2330

Description: African writers in English since the colonial experience. Illuminates the character, literary and thematic concerns of the works studied. Students will read from West, East, and South African authors.

ENGL 340J - Shakespeare on Film and Stage

Credit Hours 3

Prerequisite: ENGL 3150 or permission of instructor

Description: This course will examine Shakespeare in performance through a reading of texts, watching live theater, and viewing significant 20th and 21st century movie adaptations and filmed stage productions. Students will examine the effectiveness of film in translating Shakespeare's language and the varied interpretations of Shakespeare on film and on stage.

ENGL 340K - Crossing Borders: Reading Immigrant Literature

Credit Hours 3

Prerequisite: ENGL 1010 with a "C" or higher and ENGL 1020

Pre/Corequisite ENGL 2330

Description: Taking a comparative approach rooted in the history of immigration, students will explore classic American immigrant narratives and engage with contemporary texts by immigrant authors from around the world. This course will introduce immigrant literature by considering a range of genres, including short story, novel, poetry, memoir, and film.

ENGL 340L - Early American Literature

Credit Hours 3

Prerequisite: ENGL 2330

Description: Major and minor writers from the first arrival of the Europeans to 1776.

ENGL 340M - U.S. Latino/a Literatures

Credit Hours 3

Prerequisite: ENGL 2330

Description: Studies in the Latino/Latina literatures of the United States with emphasis on Cuban-American, Puerto Rican, Mexican-American, and Dominican-American literary and cultural traditions.

ENGL 340N - LGBTQ Literature Across Cultures

Credit Hours 3

Prerequisite: ENGL 2330;

Description: Cross-cultural studies in Gay, Lesbian, Bisexual, Transgender and Queer literature. Topics, approaches, and readings will vary with individual instructors.

ENGL 340P - Topics in World Literature

Credit Hours 3

Prerequisite: ENGL 2330

Description: Reading and analysis of literature in translation from various cultures and time periods. Topics, critical approaches, genres, and writers will vary with individual instructors.

ENGL 340R - Century's End: Race and Gender at the Turn of the Twentieth Century

Credit Hours 3

Prerequisite: ENGL 2330

Description: Examination of the ways in which race and gender were constructed and construed in American culture from 1890 to 1914 through study of relevant fiction, nonfiction, and film.

ENGL 340S - Literature of the English Bible

Credit Hours 3

Prerequisite: ENGL 2330,

Description: Careful analysis of large portions of the 1611 King James Bible, in order to understand genres and forms of biblical literature, problems of translation and literary influences of this work.

ENGL 340T - German Literature in Translation

Credit Hours 3

Prerequisite: ENGL 2330

Description: Selected readings in German literature to study a specific topic or genre or era. The course is taught in English.

ENGL 340W - Critical Studies in Women's Literature

Credit Hours 3

Prerequisite: ENGL 2330

Description: Selected readings in Anglo-American women's literature with an emphasis on feminist, new historicist, and other contemporary critical approaches involving race, class, and gender issues.

ENGL 360A - American Drama

Credit Hours 3

Prerequisite: ENGL 2330

Description: American drama as literature. Drama written in the 20th century, especially the works of Eugene O'Neill, Arthur Miller, Tennessee Williams, Maxwell Anderson, Lillian Hellman, Edward Albee, and others.

ENGL 360B - American Short Story

Credit Hours 3

Prerequisite: ENGL 2330

Description: The historical and literary backgrounds of the American short story; extensive reading, discussion, and presentation of analyses of representative stories.

ENGL 360C - English Drama 1580-1780

Credit Hours 3

Prerequisite: ENGL 2330

Description: Examination of selected non-Shakespearean plays of the Renaissance and of representative plays of the Restoration and 18th century as well as exposure to the nature of theaters of these periods and to the general character of the criticism of this literature.

ENGL 360D - Literary Criticism

Credit Hours 3

Prerequisite: ENGL 2330

Description: An exploration of critical approaches to literary texts and a study of recent developments in the theory of language and literature.

ENGL 360E - Modern Drama

Credit Hours 3

Prerequisite: ENGL 2330

Description: Important plays from Ibsen to the present. Also includes Strindberg, Chekhov, Pirandello, Shaw, and others.

ENGL 360F - Modern Fiction

Credit Hours 3

Prerequisite: ENGL 2330

Description: Selected modern works of prose fiction by European as well as British and American authors.

ENGL 360G - Modern Poetry

Credit Hours 3

Prerequisite: ENGL 2330

Description: Modern British and American poets with emphasis on poets of the late 19th and 20th centuries.

ENGL 360H - Literature and Film Across Cultures

Credit Hours 3

Prerequisite: ENGL 2330

Description: Study of films that are adapted from literature and literary texts from which they have been created. Readings and films will represent various cultures. Selections, critical approaches, and topics will vary with individual instructors.

ENGL 370A - 17th Century British Prose and Poet

Credit Hours 3

Prerequisite: ENGL 2330

Description: Readings in prose, metaphysical poetry, and the Cavalier lyricists including Bacon, Donne, Milton, Jonson, Herrick, and Herbert.

ENGL 460A - Major Medieval Writers

Credit Hours 3

Prerequisite: ENGL 2330

Description: One major writer or selected major writers of the Middle Ages will be studied in depth.

ENGL 460B - Major Renaissance Writers

Credit Hours 3

Prerequisite: ENGL 2330

Description: One or two major writers of the Renaissance will be studied in depth.

ENGL 460C - Major 18th Century Writers

Credit Hours 3

Prerequisite: ENGL 2330

Description: One or two major writers of the 18th century period will be studied in depth.

ENGL 460D - Major Romantic Writers

Credit Hours 3

Prerequisite: ENGL 2330

Description: One or two major writers of the Romantic period will be studied in depth.

ENGL 460E - Major Victorian Writers

Credit Hours 3

Prerequisite: ENGL 2330

Description: One or two major writers of the Victorian period will be studied in depth.

ENGL 460F - Major American Writers I

Credit Hours 3

Prerequisite: ENGL 2330

Description: One or two major American writers of prose will be studied in depth.

ENGL 460G - Major American Writers II

Credit Hours 3

Prerequisite: ENGL 2330

Description: One or two major American poets will be studied in depth.

ENGL 460H - Major Modern British Writers

Credit Hours 3

Prerequisite: ENGL 2330

Description: One or two major British writers of the 20th century will be studied in depth.

ENGL 460I - Special Topics in Film Studies

Credit Hours 3

Prerequisite: ENGL 2330

Description: This course will focus on special topics in film studies, including film history, film interpretation, and/or film theory. May be taken twice for a maximum of six (6) hours.

ENGL 460J - Major Film Directors

Credit Hours 3

Prerequisite: ENGL 2330

Description: Film auteurs are directors whose creative vision is so distinctive that they can be considered the "authors" of their films. In-depth study of two or three auteurs, defining and comparing their styles. Examples: Alfred Hitchcock, Akira Kurosawa, Jane Campion. May be taken twice for a maximum of six (6) credit hours.

ENGL 460K - History of Film

Credit Hours 3

Prerequisite: ENGL 2330

Description: History of film from its origins in the late nineteenth century to the global impact of French New Wave and beyond. Orientation to a wide range of international cinema; establishment of relationships between films from different aesthetic and national contexts; analysis of the development of narrative form and film style.

ENGL 1005 - Critical Reading and Writing at the University

Credit Hours 3

Description: The course develops students' reading and writing skills in preparation for ENGL 1010 and ENGL 2330. Students must achieve a C or higher to pass the course and gain exemption from Enhanced sections of ENGL 1010 and ENGL 2330.

ENGL 1010 - English Composition I

Credit Hours 3

Prerequisite: DSPR 0800 with grade of "C" or better or DSPR score of 4 and DSPW 0800 with grade of "C" or better or DSPW score of 4

Description: Development of the student's writing skills through a process of thinking, researching, planning, writing, reviewing, revising, and editing expository essays.

ENGL 1020 - English Composition II

Credit Hours 3

Prerequisite: ENGL 1010 with a "C" or better

Description: Building on the skills learned in ENGL 1010, this composition course develops students' critical thinking skills by introducing them to a variety of texts--popular, scholarly, and literary--and emphasizing critical analysis, academic research, and argumentation.

ENGL 1100 - Technical and Report Writing

Credit Hours 3

Prerequisite: ENGL 1010 with a "C" or better

Description: Introduction to technical writing for students whose jobs will require writing. Coursework simulates actual working conditions and skills, including professional language, audience-analysis, data collection and organization, and page design, with practice in reports, proposals, instructions, and other professional documents, working with word processing, desktop publishing, and graphics computer programs.

ENGL 1210 - English as a Second Language I

Credit Hours 4

Prerequisite: (1) Status as an international student whose native language is not English. (2) The minimum proficiency in

English that is required of foreign students for admission to the University (500 minimum score on TOEFL). This is a one-year series of courses designed to meet the special linguistic needs of international students of permanent residents whose native language is not English. ENGL 1210-ENGL 1220 do not satisfy the communication requirement in the Liberal Arts core, nor do they count toward graduation. ENGL 1210-ENGL 1220 do NOT satisfy the ENGL 1010 and ENGL 1020 requirement, but they do count toward semester accumulated hours.

Description: Development of English language skills: reading, writing, speaking and listening.

ENGL 1220 - English as a Second Language II

Credit Hours 4

Prerequisite: (1) Status as an international student whose native language is not English. (2) The minimum proficiency in English that is required of foreign students for admission to the University (500 minimum score on TOEFL). This is a one-year series of courses designed to meet the special linguistic needs of international students of permanent residents whose native language is not English. ENGL 1210-1220 do not satisfy the communication requirement in the Liberal Arts core, nor do they count toward graduation. ENGL 1210-1220 do NOT satisfy the ENGL 1010 and ENGL 1020 requirement, but they do count toward semester accumulated hours.

Description: Focuses on composition, the process of organizing thoughts, writing, revising and editing. Works of established writers are analyzed and discussed.

ENGL 2070 - Introduction to History and Theory of Film

Credit Hours 3

Prerequisite: ENGL 1020

Description: An introduction to the fundamentals of film studies, especially the history and forms of films, films as narratives, film genres, film theory and criticism, and approaches to writing film reviews and film essays. Films are viewed in and outside of class.

ENGL 2200 - Introduction to Creative Writing: Poetry and Fiction

Credit Hours 3

Prerequisite: ENGL 1010 with a grade of "C" or better.

Description: Writing and analysis of poetry and short stories.

ENGL 2330 - Topics in World Literature

Credit Hours 3

Course Changes: number from ENGL 2030 and title from Intro to World Literature

Description: A reading-intensive course that features world literature from a variety of cultures.

ENGL 2700 - Scientific Writing

Credit Hours 3

Prerequisite: ENGL 2330

Description: For students in scientific disciplines, this course presents strategies of writing clearly for both fellow scientists and

policymakers. Subjects include the writing process and collaboration, effective sentence style, and the accurate and correct use of scientific language.

ENGL 3010 - Studies in American Literature I

Credit Hours 3

Prerequisite: ENGL 2330

Description: Advanced analysis and background study of American texts written before 1866.

ENGL 3020 - Studies in American Literature II

Credit Hours 3

Prerequisite: ENGL 2330

Description: Advanced analysis and background study of American texts written after 1865.

ENGL 3100 - Studies in British Literature I

Credit Hours 3

Prerequisite: ENGL 2330

Description: Advanced study of medieval and early modern British literature with an emphasis on critical and theoretical approaches.

ENGL 3130 - Studies in British Literature II

Credit Hours 3

Prerequisite: ENGL 2330;

Description: Advanced study of 19th and 20th century British literature with an emphasis on critical and theoretical approaches.

ENGL 3150 - Shakespeare

Credit Hours 3

Prerequisite: ENGL 2330

Description: Reading of selected plays and poems including a comedy, a tragedy, a history play, and a romance. The choice of works will be made after class has been surveyed. Some attention will be given to the life and times of Shakespeare.

ENGL 3200 - Expository Writing

Credit Hours 3

Prerequisite: ENGL 2330

Description: Instruction in the art of expository writing that introduces students to the aims of discourse; the methods for applying rhetorical schemes and tropes, including the use of symbolism; the use of grammar in the service of style; academic formats and styles of writing; and the paradigms for various types of writing projects.

ENGL 3210 - Writing Fiction

Credit Hours 3

Prerequisite: ENGL 2330, 2200

Description: The student is guided individually and as a member of a group in the writing and analysis of short stories.

ENGL 3220 - Writing Poetry

Credit Hours 3

Prerequisite: ENGL 2330, 2200

Description: The student is guided individually and as a member of a group in the writing and analysis of poems.

ENGL 3230 - Writing Creative Non-Fiction

Credit Hours 3

Prerequisite: ENGL 2200;

Description: The student is guided individually, and as a member of a group, in the writing and analysis of creative non-fiction.

ENGL 3310 - Stories for Creative Writers

Credit Hours 3

Prerequisite: ENGL 2330

Description: Exposes readers and writers of fiction to a body of classic short stories: by Americans, other writers of the English language, and non-English-speaking writers in translation.

ENGL 3320 - Poetry for Creative Writers

Credit Hours 3

Prerequisite: ENGL 2330

Description: Exposes readers and writers of poetry to a variety of contemporary poems: by Americans, other writers of the English language, and, possibly, non-English-speaking writers in translation.

ENGL 3420 - Diversity in Young Adult Literature

Credit Hours 3

Prerequisite: ENGL 2330

Description: This course will examine contemporary young adult literature written by and about people from various underrepresented groups in the United States, placing great emphasis on implementation in the Secondary English classroom.

ENGL 3430 - Studies in African American Literature I

Credit Hours 3

Description: Advanced analysis and background study of African American texts written before 1920.

ENGL 3440 - Studies in African American Literature II

Credit Hours 3

Description: Advanced analysis and background study of African American texts written after 1920.

ENGL 3500 - Advanced Technical Writing

Credit Hours 3

Prerequisite: ENGL 1020, 1100, 1010

Description: Technical writing as a professional discipline, for students planning careers as technical writers or who anticipate that technical writing will be among their major duties in their chosen fields. Styles and forms in technical writing, emphasizing audience analysis and other social aspects of technical writing along with page design and desktop publishing. Extensive use of computers.

ENGL 3510 - Technical Report Writing

Credit Hours 3

Prerequisite: ENGL 1100 or 3500

Description: Designed to give the student extensive practice in designing, writing and producing a variety of technical papers, reports, and manuals. Projects determined by student's major and interests. Extensive use of sophisticated graphics and desktop publishing equipment.

ENGL 3600 - Professional Writing and Editing

Credit Hours 3

Prerequisite: ENGL 1020, 1100

Description: Writing common to professions outside of business, academic writing, report writing, industrial writing, scientific discourse, empirical research, and environment writing.

ENGL 3700 - Business Writing

Credit Hours 3

Prerequisite: ENGL 1010 with a "C" or higher, ENGL 1020

Description: Writing common to business, including rhetoric, style, and graphic design in memos, letters instructions, researched reports, and proposals.

ENGL 4210 - Writing Workshop: Fiction

Credit Hours 3

Prerequisite: ENGL 3210 and permission of instructor

Description: An opportunity to develop skills learned and projects begun in 3210. The student is guided individually and as a member of a group through rigorous analysis and criticism of their work.

ENGL 4220 - Writing Workshop: Poetry

Credit Hours 3

Prerequisite: ENGL 3220 and permission of instructor

Description: An opportunity to develop skills learned and projects begun in 3210. The student is guided individually and as a member of a group through rigorous analysis and criticism of their work.

ENGL 4230 - Writing Workshop: Creative Nonfiction

Credit Hours 3

Course Changes: number from ENGL 4200

Prerequisite: ENGL 3200 or ENGL 3230

Corequisite: N/A

Description: Students are guided individually, and as members of a group, in writing creative nonfiction. Assignments may include the following: personal essay, flash nonfiction, memoir, literary journalism, and travel writing.

ENGL 4300 - Publishing and the Creative Marketplace

Credit Hours 3

Prerequisite: ENGL 1010 and ENGL 1020

Description: This course helps creators negotiate and publish across multimedia platforms. Assignments prepare students to share, distribute, and promote their creative work in magazines, journals, books, and other outlets. Specific skills include submitting pitches, assessing and distinguishing among outlets for specific projects finding and building creative communities, targeting audiences, developing professional networks, crossing platforms, promoting your work, and navigating the marketplace.

ENGL 4400 - Teaching English in Secondary School

Credit Hours 3

Prerequisite: Transition 2

Description: Description: Surveys research-based instructional strategies in secondary English education in these areas: language, communication, listening and speaking, writing/research, logic, informational texts, literature, media, assessment, and adaptive instruction for diverse population including English Language Learners. This class requires 5 weeks in Residency I with specific performance assessment requirements.

ENGL 4500 - Technical Writing Theory and Research

Credit Hours 3

Prerequisite: ENGL 1100 or permission of instructor

Description: A study of theoretical issues in technical, professional, and scientific writing, including ethics, rhetoric, usability, design, cognition, and international communication.

ENGL 4600 - Topics in Literature and Language

Credit Hours 3

Prerequisite: ENGL 2330, junior status, permission of instructor and onsite supervisor

Description: Study of selected topic in literature, linguistics or writing as determined by the instructor. May be taken twice for credit for a maximum of six hours.

ENGL 4610 - Professional Writing Internship

Credit Hours 3

Prerequisite: ENGL 1100, junior or senior status, permission of instructor and onsite supervisor

Description: Practical experience in technical or professional writing. Students must produce documents meeting the requirements of the instructor and the onsite supervisor. May be taken twice for credit for a maximum of six hours.

ENGL 4620 - Literary Journal Internship

Credit Hours 3

Prerequisite: Instructor permission only

Description: Students exemplifying an aptitude for literary editing will be invited to participate. This hands-on opportunity to learn publishing consists of attending meetings to establish evaluation criteria, reading, voting, and providing commentary on ten to twenty weekly submissions, and completing a reflection paper about this learning experience.

ENGL 4635 - Dramaturgy Internship

Credit Hours 3

Prerequisite: ENGL 2330 and instructor permission

Description: This internship offers students the opportunity to put literary research and criticism to use as resident dramaturgs for one of the APSU Theatre and Dance season shows. Under the guidance of the faculty advisor, students will perform extensive research on the play and its production history and act as literary advisors for the production.

ENGL 4650 - Independent Study in Language or Literature

Credit Hours 3

Prerequisite: ENGL 2330

Description: Under special circumstances a student may be assigned an academic project not otherwise available. The assignment must be approved by the departmental chair.

ENGL 4900 - Playwriting

Credit Hours 3

Cross Listed: THEA 4900

Prerequisite: Sophomore standing

Description: Composing and revising scenes, and one or two one-act plays for stage performance.

ENGL 4950 - Advanced Playwriting

Credit Hours 3

Cross Listed: THEA 4950

Prerequisite: ENGL 4900 or THEA 4900

Description: Revising plays and one-act scripts for stage performance.

Finance

FIN 440I - Finance Internship

Credit Hours 1 to 6

Variable Credit Hours 1 to 6

Prerequisite: BB 1, GPA of 3.0, and Internship Coordinator

Description: Designed to provide academic credit for relevant and meaningful experience in preparation for finance positions. Weekly updates, term paper, and satisfactory evaluation by employer/supervisor required for credit. Grading on a pass/fail basis.

FIN 1000 - Personal Finance

Credit Hours 3

Description: An examination of consumer financing including budgeting, planning, taxes, credit, housing, insurance, investing, and retirement plans.

FIN 3010 - Principles of Finance

Credit Hours 3

Prerequisite: BB 1

Description: A survey of business financial practices related to financial analysis, planning and control, managing working capital, capital investment, sources and costs of financing. Computer models and software are used in instruction.

FIN 3310 - Investments

Credit Hours 3

Prerequisite: BB 1

Description: A survey of the field of investments including investment setting, security markets, investment alternatives, valuation principles, strategy, and factors affecting security price movements. Available computer software is used.

FIN 3510 - International Finance

Credit Hours 3

Prerequisite: BB 1, FIN 3010

Description: Theories of international trade will be introduced, as well as international business finance and its environment. Additional topics to be examined include: comparison of financial statements between countries, risk and the foreign investment decision, exchange rate risk, and institutions and instruments of international finance.

FIN 3610 - Principles of Real Estate

Credit Hours 3

Prerequisite: BB 1, FIN 3010

Description: Covers fundamental principles of real estate involved in the ownership and transfer of real property. Other topics include the operation of a real estate business, techniques of real property transactions, problems of buying and leasing real property transactions, and problems of buying and leasing property for residence or investment purposes.

FIN 3620 - Real Estate Finance

Credit Hours 3

Prerequisite: BB 1, FIN 3010

Description: Emphasizes financial aspects of real estate transactions.

FIN 3630 - Real Estate Development

Credit Hours 3

Variable Credit Hours 3

Prerequisite: BB1

Description: This course introduces and analyzes the various phases of real estate development. The curriculum includes the identification and analysis of different phases of real estate development; the practical application of market analysis and site selection techniques; comprehensive analysis of key concepts and metrics in real estate underwriting and investments; the application of planning, design, and construction management techniques to development projects. The curriculum also explores the recent trends and issues in real estate development.

FIN 4000 - Bank Management

Credit Hours 3

Variable Credit Hours 3

Prerequisite: Fin 3010

Description: The course studies bank management and bank regulation. It examines the operations and management policies of commercial banks, including balance sheet management (liquidity, liabilities, spread management, and investment management), capital adequacy, cost of funds, bank profitability, planning and management systems, and the regulatory environment. It also touches on the risk structure of credit for commercial and consumer clients.

FIN 4010 - Managerial Finance

Credit Hours 3

Prerequisite: BB 1, FIN 3010

Description: Financial management of the firm through in-depth study of financial planning, capital budgeting, working capital management, sources of financing, mergers, capital structure, and cost of capital. Available computer simulations and software are used with cases as instructional aides.

FIN 4210 - Financial Markets and Institutions

Credit Hours 3

Prerequisite: BB 1, FIN 3010

Description: A study of financial markets and financial institutions. Emphasis will be placed on the interaction of financial markets and financial institutions, and their interaction with the corporate sector.

FIN 4220 - Financial Institutions Seminar

Credit Hours 3

Variable Credit Hours 3

Prerequisite: Fin 3010

Description: This seminar style course consists of a weekly blend of lectures/discussions from financial services professionals in banking and real estate, and select faculty members on a case-by-case basis. These weekly discussions will focus primarily on current issues, and best practices in the financial services industry. All students are required to submit weekly reports, and complete a term paper summarizing their understanding of the industry from various speakers (including faculty participants) throughout the semester.

FIN 4310 - Security Analysis and Portfolio Theory

Credit Hours 3

Prerequisite: FIN 3310, BB 1

Description: A continuation of 3310 through in-depth study of security valuation; risk diversification; portfolio construction; and performance evaluation. Available computer software is used.

FIN 4400 - Financial Policy

Credit Hours 3

Prerequisite: BB 1, FIN 3010

Description: An analysis of selected financial problems and financial management decision-making using the case approach. The course emphasizes both internal and environmental analysis in developing appropriate financial strategies for the firm.

FIN 4410 - Selecting Equity Investments

Credit Hours 3

Prerequisite: BB 1, FIN 3010

Description: Equity investments decisions made by student teams for the TVA Investment Challenge or similar projects. Written and oral presentations are required.

FIN 4420 - Financial Valuation

Credit Hours 3

Prerequisite: BB 1 and permission of instructor

Description: Students perform a comprehensive financial analysis and valuation of a publicly traded firm. A final written report is produced that provides the details relevant to the final valuation and buy, sell or hold recommendation. An oral presentation outlining and summarizing the major issues leading to the final recommendation is required.

FIN 4900 - Special Problems in Finance

Credit Hours 1 to 6

Variable Credit Hours 1 to 6

Prerequisite: BB 1, FIN 3010 with a grade of "C" or higher; and permission of Chair

Description: Supervised independent study of finance topics (outside of classroom) which are academically relevant and of interest to both student and faculty.

French

FREN 1010 - Introductory French I

Credit Hours 3

Description: Introduction to French language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening covering word classes such as verbs, nouns, and pronouns, using grammatical forms for present, subject, object, prepositional phrases, and simple syntactical structures.

FREN 1020 - Introductory French II

Credit Hours 3

Prerequisite: FREN 1010

Description: Introduction to the French language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening covering word classes such as verbs, nouns, and pronouns, using grammatical forms for present, past and future, subject, objects, more prepositional phrases, and more complex syntactical structures.

FREN 2010 - Intermediate French I

Credit Hours 3

Prerequisite: FREN 1020

Description: A comprehensive review of French along with extensive reading, communicative exercises and discussions of representative French texts and other media. Emphasis is on the development and mastery of sentence structures containing verbs in the present, past and future tenses.

FREN 2020 - Intermediate French II

Credit Hours 3

Prerequisite: FREN 2010

Description: A comprehensive review of French along with extensive reading, communicative exercises and discussions of representative French and Francophone texts and other media. Emphasis is on the development and mastery of complex sentence structures and verb tenses to generate cohesive paragraphs.

FREN 3040 - Study Abroad

Credit Hours 6 to 8

Variable Credit Hours 6 to 8

Prerequisite: Basic knowledge of French or permission of instructor

Description: A study program in Quebec designed to provide students with a total French-speaking environment which will allow a broadening of knowledge and appreciation of the French language and culture of Quebec. May be repeated for credit.

FREN 3044 - Study Abroad in Quebec

Credit Hours 3

Prerequisite: FREN 1010, 1020

Description: A short-term study abroad program in Quebec designed to provide students with a total French-speaking environment which will allow broadening of knowledge and appreciation of the French language and the culture of Quebec.

FREN 3049 - Short-term Intensive French Immersion

Credit Hours 3

Prerequisite: FREN 1020 or equivalent

Description: A short-term intensive French Immersion study abroad experience designed to provide French students with a total French-speaking environment which will allow broadening of knowledge and appreciation of French language and francophone culture. May be repeated for credit.

FREN 3050 - Semester Study in France

Credit Hours 6 to 12

Variable Credit Hours 6 to 12

Prerequisite: Basic knowledge of French or permission of instructor

Description: A semester-long program of study in France designed to provide advanced French students with a total French-speaking environment which will allow broadening of knowledge and appreciation of French language and culture. May be repeated for credit.

FREN 3210 - Advanced Composition in French

Credit Hours 3

Prerequisite: FREN 2020

Description: Free composition on assigned topics and translations to and from French from a variety of authors and topics to develop fluency and correctness in writing French.

FREN 3220 - Phonetics and Conversation in French

Credit Hours 3

Prerequisite: FREN 2020 or permission of instructor

Description: A minimum of theory with extensive application in corrective phonetics to assure a high level of accuracy in French pronunciation. Concentrated practice in oral command of French. This course affords the student opportunities to discuss in French assigned topics in order to develop confidence and accuracy in oral expression.

FREN 3320 - French and Francophone Civilization

Credit Hours 3

Prerequisite: FREN 2020 or permission of instructor

Description: The creative forces of the genius of French and Francophone civilizations are studied through discussion, lectures, and research projects.

FREN 3330 - Quebec Literature and Culture

Credit Hours 3

Prerequisite: FREN 2020 or permission of instructor

Description: This course will examine the culture, literature, and language of the Canadian province of Quebec. This course complements FREN 3040.

FREN 3410 - Business French

Credit Hours 3

Prerequisite: FREN 2010

Description: Vocabulary and concepts in French and Québeco's finance, accounting, and marketing.

FREN 3420 - French and Francophone Cinema

Credit Hours 3

Prerequisite: FREN 2020;

Description: History and development of French and Francophone Cinema and analysis of representative film.

FREN 3430 - Approaches to French and Francophone Literature

Credit Hours 3

Prerequisite: FREN 2020

Description: Practice reading, discussing, and writing about French and Francophone literary texts.

FREN 4110 - Independent Study in French

Credit Hours 3

Prerequisite: Permission of instructor

Description: Students study independently in French under instructor's guidance. Studies are planned to satisfy special individual needs and interests.

FREN 4120 - Independent Study In French

Credit Hours 3

Prerequisite: Permission of instructor

Description: Students study independently in French under instructor's guidance. Studies are planned to satisfy special individual needs and interests.

FREN 4410 - French Poetry

Credit Hours 3

Prerequisite: FREN 2020

Description: Study of the most important movements, authors, and poems in French literature.

FREN 4420 - French and Francophone Theatre

Credit Hours 3

Prerequisite: FREN 2020;

Description: Study of the most important movements, authors, and plays in French and Francophone literature.

FREN 4430 - French and Francophone Fiction

Credit Hours 3

Prerequisite: FREN 2020;

Description: Study of the most important movements, authors, novels and short stories in French and Francophone literature.

FREN 4530 - French and Francophone Literature Spec Topics

Credit Hours 3

Prerequisite: FREN 2020;

Description: Selected texts from a genre, period or theme in French and Francophone literature. May be repeated for credit.

General Business

BB 1 - College of Business Benchmark 1

Credit Hours

Description: Business majors must have earned junior standing (60 hours) with a minimum cumulative GPA of 2.35 or better and have completed the following courses with a grade of "C" or better: ACCT 2010, ACCT 2020 ; ECON 2100, ECON 2200 ; BUS 2000; and BUS 2100

BB 2 - College of Business Benchmark 2

Credit Hours

Description: Admission requirements for BBA degree. Completion and requirements of the following values: FIN 3010; MKT 2010; BUS 3310 , MGT 2010 , MGT 3300

BUS 1110 - Introduction to Business

Credit Hours 3

Description: Business environment, economics and legal foundations of business, human resources, marketing operations, and financial functions of domestic and global business.

BUS 2000 - Business Communication

Credit Hours 3

Prerequisite: ENGL 1020 with a grade of C or better, and COMM 2045 with a grade of C or better

Description: Principles of writing, grammar, rhetoric, and oral presentations are applied to business communication. Mechanics that include organization, methods of development, paragraph length, sentence style, and vocabulary of professional and business letters, memoranda, and reports.

BUS 2100 - Business Statistics

Credit Hours 3

Prerequisite: MATH 1110 or MATH 1710

Description: This course introduces the use of technological tools and statistical analyses commonly used in business. Statistical concepts covered include descriptive and inferential statistics, probability distributions, hypothesis testing, regression analysis, and introductory business analytics.

BUS 3200 - Global Business

Credit Hours 3

Variable Credit Hours 3

Prerequisite: BB 1

Description: Introduces the history of international business, economic theories of trade, an analysis of the international general environment, the global monetary system, and international organizations.

BUS 3300 - Social, Legal, and Political Environment of Business

Credit Hours 3

Variable Credit Hours 3

Prerequisite: BB 1

Description: Presentation of law of an expanding social, legal, and political institution, the development and nature of the legal system; business crimes; the law of torts, constitutional limitations of regulatory powers; legislative, judicial, and administrative control of business activity through tax laws, antitrust laws, laws of employment, labor laws, and consumer and debtor protection laws.

BUS 3310 - Business Analytics

Credit Hours 3

Variable Credit Hours 3

Prerequisite: BB 1 - College of Business Benchmark 1

Description: Acquisition, analysis, and visualization of data to inform business decision making, improve organizational communication, support operations, and assure quality. Topics include data visualization, descriptive analytics, diagnostic analytics, predictive analytics, regression models, and data modeling using spreadsheet.

Geography

GEOG 1015 - Physical Geography

Credit Hours 3

Description: Introduction to map reading as well as development of skills and techniques used in the study of geography. This course concentrates on interrelationships among elements of the natural environment: landform, climate, soil, vegetation, weather, and water.

GEOG 1035 - World Geography

Credit Hours 3

Description: Introduction to world geography and relationships between earth and human societies. Contemporary challenges of climate change, world peace and mass migrations are studied with emphasis on spatial patterns. Twenty-first century global economy and geopolitical entanglements are also explored. Places covered include the Americas and Europe.

GEOG 1045 - Popular World Geography

Credit Hours 3

Description: Introduction to world geography and relationships between earth and human societies. Contemporary challenges of climate change, world peace and mass migrations are studied with emphasis on spatial patterns. Twenty-first century global economy and geopolitical entanglements are also explored. Places covered include Africa and Asia.

GEOG 3060 - Statistics in the Geosciences

Credit Hours 3

Cross Listed: GEOL 3060;

Prerequisite: (GEOG 1015 or GEOL 1040) and MATH 1530 or higher; or permission of instructor;

Corequisite: GEOG 3061;

Description: Techniques of geologic and atmospheric data collection and analysis with special emphasis on those parametric and nonparametric statistics utilized in the applied Geosciences. Emphasis placed on computer applications.

GEOG 3061 - Statistics in the Geosciences Lab

Credit Hours 1

Prerequisite: (GEOG 1015 or GEOL 1040/1041) and MATH 1530 or higher or permission of instructor;

Corequisite: GEOG 3060;

Description: Laboratory component that will provide an introduction to environment science and major environmental issues and concerns facing our planet. From a background study of natural ecosystems and human populations, the course will survey the environmental, social and economic consequences of development, energy generation, resource management and pollution.

GEOG 3110 - Geography of the United States and Canada

Credit Hours 3

Description: A spatial analysis of the physical and cultural characteristics of the United States and Canada within a regional context.

GEOG 3120 - Geography of Asia

Credit Hours 3

Description: Regional and national conditions, events, and trends in East, and Southeast Asia using a cross-disciplinary approach. Emphasis on interaction between physical and cultural landscapes as a basis for social, economic, political, and environmental problems. Special attention to the geopolitical roles of China and the United States.

GEOG 3130 - Geography of the Middle East

Credit Hours 3

Prerequisite: GEOG 1015 or 1035 or permission of instructor

Description: The course will focus on the physical and cultural geography of the Southwest Asia. The objectives are to analyze natural and human components and evaluate the significance of resources such as petroleum and water. The course will also cover historical and religious aspects that play a significant role in demographic, economic, and political development.

GEOG 3150 - Geographic Information Systems I

Credit Hours 3

Prerequisite: MATH 1530 or higher with a grade of "C" or higher, CSCI 1017 or GEOL 3060/3061 or GEOG 3060/3061;

Corequisite: GEOG 3151;

Description: Introduction to the fundamentals of mapping and geographic information systems including the nature of spatial data, coordinate systems, data collection, vector data, models, data analysis, mapping, and map interpretation.

GEOG 3151 - Geographic Information Systems I Lab

Credit Hours 1

Prerequisite: MATH 1730 with a grade of "C" or higher and CSCI 1017 or GEOL 3060/3061 or GEOG 3060/3061;

Corequisite: GEOG 3150;

Description: Laboratory component for the introduction to the fundamentals of mapping and geographic information systems including the nature of spatial data, coordinate systems, data collection, vector data, models, data analysis, mapping, and map interpretation.

GEOG 3250 - Geographic Information Systems II

Credit Hours 2

Prerequisite: GEOG 3150/3151;

Corequisite: GEOG 3251

Description: Intermediate geographic information systems, topics including: relational database management systems, database design, vector and raster data models, address geocoding, spatial analysis operations, surface modeling, volume estimation, view shed analysis and data uncertainty.

GEOG 3251 - Geographic Information Systems II Lab

Credit Hours

Prerequisite: GEOG 3150/3151;

Corequisite: GEOG 3250;

Description: Laboratory component for intermediate geographic information systems, topics including: relational database management systems, database design, vector and raster data models, address geocoding, spatial analysis operations, surface modeling, volume estimation, view shed analysis and data uncertainty.

GEOG 3450 - Oceanography

Credit Hours 3

Prerequisite: GEOG 1015 or four (4) hours of Natural Science from the General Education Core.

Corequisite: GEOG 3451

Description: Physiography, geologic processes, and sediments of the ocean floor. Chemistry and physical properties of sea water. Currents, waves, tides, and coastal landforms. Marine biology and ecology. Ocean resources, hazards, degradation of the marine environment, and its relation to climate change.

GEOG 3451 - Oceanography Lab

Credit Hours 1

Prerequisite: GEOG 1015 or four (4) hours of Natural Science from the General Education Core.

Corequisite: GEOG 3450;

Description: Laboratory component for physiography, geologic processes, and sediments of the ocean floor. Chemistry and physical properties of sea water. Currents, waves, tides, and coastal landforms. Marine biology and ecology. Ocean resources, hazards, degradation of the marine environment, and its relation to climate change.

GEOG 3750 - Geography of Africa

Credit Hours 3

Prerequisite: ENGL 1010, GEOG 1035;

Description: A thematic approach to the multi-faceted aspects of the physical and human geography of Africa, contemporary geographic ideas, theories, and concepts and their applicability to African "real-world" situations.

GEOG 3920 - Field Mapping and Global Positioning System

Credit Hours 3

Prerequisite: MATH 1530 or higher with a grade of "C" or higher.

Description: Principles and practice of the global positioning system and their interface with geographic information systems.

GEOG 3930 - Natural Hazards in Environment

Credit Hours 3

Prerequisite: GEOG 1015, GEOL 1040

Description: Natural hazards are examined, including: thunderstorms, tornadoes, hurricanes, drought, volcanic eruptions, earthquakes, landslides, collapse, subsidence, floods, and wildfire. Emphasis is placed on the interaction between people and the physical process. An analysis is made of the human perception of disasters as well as preparedness and recovery planning.

GEOG 3940 - Technological Hazards in the Environment

Credit Hours 3

Description: Environmental hazards introduced into the environment as a byproduct of technology are examined including: air, pollution, water, terrestrial pollution, nuclear and industrial accidents. Emphasis is placed on the role of technology in altering natural processes and how society copes with increasing risks posed to life, limb, and property. Lecture will examine technological hazards as existing and evolving threats and global social, economic and environmental security.

GEOG 4000 - Environmental Management

Credit Hours 3

Description: An analysis of environmental regulations and management strategies employed by federal agencies, state, and local governments, and corporations.

GEOG 4010 - Environmental Assessment

Credit Hours 3

Prerequisite: GEOG 4000, ENGL 1100

Description: An analysis of the environmental impact statement (EIS) process. Emphasis is placed on preparation, review, and requirements of an EIS as a tool for environmental assessment.

GEOG 4040 - Sustainable Development

Credit Hours 3

Prerequisite: GEOG 1015, MATH 1110 or higher

Description: The impact of a rapidly growing human population on availability of natural resources and pollution of the environment. Minerals and energy resources, soil, water, air, forests, and wildlife habitats will be considered. Reducing consumption and using alternative sources will be considered as options to increasing resources production.

GEOG 4170 - Meteorology

Credit Hours 3

Prerequisite: MATH 1530 or higher, or GEOG 3060/GEOL 3060, or permission of instructor.

Corequisite: GEOG 4171

Description: An analysis of the components and processes of weather, emphasizing atmospheric energy exchange, local and global circulation patterns, and human modification of weather elements. Weather as a natural hazard is explored. Lab assignments emphasize weather observation, prediction, and presentation.

GEOG 4171 - Meteorology Lab

Credit Hours 1

Prerequisite: MATH 1530 or higher, or GEOG 3060/GEOL 3060, or permission of instructor.

Corequisite: GEOG 4170

Description: Laboratory component focusing on analysis of the components and processes of weather, emphasizing atmospheric energy exchange, local and global circulation patterns, and human modification of weather elements. Weather as a natural hazard is explored. Lab assignments emphasize weather observation, prediction, and presentation.

GEOG 4180 - Climatology

Credit Hours 3

Prerequisite: MATH 1530 or higher, or GEOG 3060/GEOL 3060, or permission of instructor.

Corequisite: GEOG 4181

Description: Elements and processes defining and characterizing global climate patterns and classifications. Climates are examined for their spatial and temporal interaction with, and impact on, physical, biological and human activity environments. Impact of environmental and atmospheric phenomena, including global warming and ozone depletion on climate and climate change are examined.

GEOG 4181 - Climatology Lab

Credit Hours 1

Prerequisite: MATH 1530 or higher, or GEOG 3060/GEOL 3060, or permission of instructor.

Corequisite: GEOG 4170

Description: Laboratory component focusing on analysis of the components and processes of weather, emphasizing atmospheric energy exchange, local and global circulation patterns, and human modification of weather elements. Weather as a natural hazard is explored. Lab assignments emphasize weather observation, prediction, and presentation.

GEOG 4200 - Historical Data Management and GIS

Credit Hours 3

Prerequisite: Four (4) credit hours of any lower-division, Natural Science courses with the APSU General Education

Description: The course provides experience with a Geographic Information System as a tool for a chosen field and provides experience with using GIS related to human systems in historical context. Emphasis is placed on the use of GIS and other digital tools to create, manage, and interpret spatial and statistical data. For non-majors.

GEOG 4250 - Applied Geographic Information Systems

Credit Hours 3

Prerequisite: GEOG 3150 with a "C" or better. May not be taken concurrently.

Description: The application of GIS to specific areas of specialization within the geosciences. May be repeated for credit.

GEOG 4260 - Remote Sensing

Credit Hours 3

Prerequisite: MATH 1730, (CHEM 1110/1111 or PHYS 2010/2011);

Corequisite: GEOG 4261;

Description: Data capture, image characteristics, and interpretation of aerial photography and satellite imagery, to include multispectral, thermal, and radar images. Digital image processing using a raster geographic information system.

GEOG 4261 - Remote Sensing Lab

Credit Hours 1

Prerequisite: MATH 1730, (CHEM 1110/1111 or PHYS 2010/2011);

Corequisite: GEOG 4260;

Description: Laboratory component for data capture, image characteristics, and interpretation of aerial photography and satellite imagery, to include multispectral, thermal, and radar images. Digital image processing using a raster geographic information system.

GEOG 4500 - Special Problems in Geography

Credit Hours

Variable Credit Hours 1-4

Prerequisite: Permission of instructor; only one course can be taken for completion of the geography minor.

Description: To promote personal growth as an independent investigator, each well qualified senior or junior may complete an independent laboratory (in-house or field) oriented original research investigation, mapping project, and/or field work under faculty supervision.

GEOG 4650 - Field Study Biogeography and Biodiversity

Credit Hours 4

Prerequisite: GEOG 1015 or BIOL 1040/1041 or BIOL 1110/1111 and permission of instructor;

Description: This field course will examine the biogeography, biodiversity and changing landscape of various regions. Focus will be given to the ecosystems as well as unique geographic regions.

Geology

GEOL 1040 - Physical Geology

Credit Hours 3

Corequisite: GEOL 1041

Description: Minerals and rocks, volcanism and related processes, weathering and soil development, glaciations, wind and stream erosion, major water and soil pollution problems, natural disaster forecasting, and development and landscape.

GEOL 1041 - Physical Geology Lab

Credit Hours 1

Corequisite: GEOL 1040;

Description: Laboratory component for minerals and rocks, volcanism and related processes, weathering and soil development, glaciations, wind and stream erosion, major water and soil pollution problems, natural disaster forecasting, and development and landscape.

GEOL 1050 - Historical Geology

Credit Hours 3

Corequisite: GEOL 1051;

Description: Plate tectonics and continental drift, development of major scientific theories about the earth, physical environment and organic populations of the earth in prehistoric times.

GEOL 1051 - Historical Geology Lab

Credit Hours 1

Corequisite: GEOL 1050;

Description: Laboratory component for plate tectonics and continental drift, development of major scientific theories about the earth, physical environment and organic populations of the earth in prehistoric times.

GEOL 1234 - Honors Seminar in Geology

Credit Hours

Prerequisite: Admission to the Honors Program or permission of instructor;

Corequisite: or ;

Description: This honors course introduces students to topics of current research in Geology.

GEOL 3030 - Environmental Geology

Credit Hours 3

Prerequisite: GEOL 1040/1041;

Corequisite: GEOL 3031;

Description: Major geologic factors that directly influence man's adaptation to his environment. Lecture and laboratory focus attention on evaluation of earthquake susceptibility, landslide occurrence and prevention, flood potential and results of floodplain development, ground water contamination, and similar geologic processes which affect urbanization, engineered structures and land-use potential and environment.

GEOL 3031 - Environmental Geology Lab

Credit Hours 1

Prerequisite: GEOL 1040/1041;

Corequisite: GEOL 3030;

Description: Laboratory component for major geologic factors that directly influence man's adaptation to his environment. Lecture and laboratory focus attention on evaluation of earthquake susceptibility, landslide occurrence and prevention, flood potential and results of floodplain development, ground water contamination, and similar geologic processes which affect urbanization, engineered structures and land-use potential and environment.

GEOL 3060 - Statistics in the Geosciences

Credit Hours 3

Cross Listed: GEOG 3060/3061;

Prerequisite: GEOL 1040/1041 or (GEOG 1015 and MATH 1530 or higher) or permission of instructor;

Corequisite: GEOL 3061;

Description: Techniques of geologic and atmospheric data collection and analysis with special emphasis on those parametric and non-parametric statistics utilized in the applied Geosciences. Emphasis is placed on computer applications.

GEOL 3061 - Statistics in the Geosciences Lab

Credit Hours 1

Cross Listed: GEOG 3060/3061;

Prerequisite: GEOL 1040/1041 or (GEOG 1015 and MATH 1530 or higher) or permission of instructor;

Corequisite: GEOL 3060;

Description: Laboratory component for techniques of geologic and atmospheric data collection and analysis with special emphasis on those parametric and nonparametric statistics utilized in the applied Geosciences. Emphasis placed on computer applications.

GEOL 3100 - Stratigraphy and Sedimentation

Credit Hours 3

Prerequisite: GEOL 1040/1041 and 1050/1051;

Corequisite: GEOL 3101;

Description: The genesis, mode of occurrence, and historical significance of sedimentary structures and depositional environments. Laboratories focus on techniques of rock and sediment analysis. An overnight field trip is required.

GEOL 3101 - Stratigraphy and Sedimentation Lab

Credit Hours 1

Prerequisite: GEOL 1040/1041 and 1050/1051;

Corequisite: GEOL 3100;

Description: Laboratory component for the genesis, mode of occurrence, and historical significance of sedimentary structures and depositional environments. Laboratories focus on techniques of rock and sediment analysis. An overnight field trip is required.

GEOL 3500 - Mineralogy

Credit Hours 3

Prerequisite: GEOL 1040/1041;

Corequisite: GEOL 3501;

Description: Students examine minerals in hand samples and microscopes learning the science of formation, classification, physical properties, chemistry, and crystal structure of common minerals associated with general geologic environments. A single day field trip may be required.

GEOL 3501 - Mineralogy Lab

Credit Hours 1

Prerequisite: GEOL 1040/1041;

Corequisite: GEOL 3500;

Description: Students in lab component examine minerals in hand samples and microscopes learning the science of formation, classification, physical properties, chemistry, and crystal structure of common minerals associated with general geologic environments. A single day field trip may be required.

GEOL 3600 - Petrology

Credit Hours 3

Prerequisite: GEOL 3500/3501 at APSU or approval of transfer credit by mineralogy instructor;

Corequisite: GEOL 3601

Description: Students learn hand sample and microscope techniques for describing and classifying rocks. Rock texture, mineralogy, and chemistry is used to interpret conditions of formation in natural geologic environments, with an emphasis on igneous and metamorphic rocks. A weekend overnight field trip is required.

GEOL 3601 - Petrology Lab

Credit Hours 1

Prerequisite: GEOL 3500/3501 at APSU or approval of transfer credit by mineralogy instructor;

Corequisite: GEOL 3600;

Description: Students in lab component learn hand sample and microscope techniques for describing and classifying rocks. Rock texture, mineralogy, and chemistry is used to interpret conditions of formation in natural geologic environments, with an emphasis on igneous and metamorphic rocks. A weekend overnight field trip is required.

GEOL 3680 - Principles of Geochemistry

Credit Hours 3

Prerequisite: GEOL 1050/1051, CHEM 1120/1121;

Description: Physical-chemical factors that control distribution and association of elements in the earth's crust. Some emphasis will also be placed on applications of geochemistry to mineral exploration.

GEOL 3900 - Internship in Geology

Credit Hours 1-6

Description: University arranged and jointly supervised full-time salaried or non-salaried work experience as a junior professional in a geologically oriented government agency, company, or organization.

GEOL 4050 - Process Geomorphology

Credit Hours 3

Prerequisite: GEOL 1040/1041;

Corequisite: GEOL 4051;

Description: An applied, systematic approach to landform development based upon threshold concepts. Surficial processes and response to changing climates and human land use are emphasized and applied to a variety of geomorphic settings, including tectonic, fluvial, glacial, and karst. A full-day or overnight field trip is required.

GEOL 4051 - Process Geomorphology Lab

Credit Hours 1

Prerequisite: GEOL 1040/1041;

Corequisite: GEOL 4050;

Description: Laboratory component for an applied, systematic approach to landform development based upon threshold concepts. Surficial processes and response to changing climates and human land use are emphasized and applied to a variety of geomorphic settings, including tectonic, fluvial, glacial, and karst. A full-day or overnight field trip is required.

GEOL 4080 - Structural Geology

Credit Hours 3

Prerequisite: GEOL 1040/1041, MATH 1730 with grades of "C" or higher;

Corequisite: GEOL 4081, 4082;

Description: Structure and deformation of the Earth's crust. Topics include rock mechanics and geometry and Kinematics of faults, folds, joints, and rock fabrics. Laboratory includes geologic map interpretation and data analysis. An overnight field trip is required.

GEOL 4081 - Structural Geology Lab

Credit Hours 1

Prerequisite: GEOL 1040/1041, MATH 1730 with grades of "C" or higher;

Corequisite: GEOL 4080, 4082;

Description: Laboratory component for the structure and deformation of the Earth's crust. Topics include rock mechanics and geometry and Kinematics of faults, folds, joints, and rock fabrics. Laboratory includes geologic map interpretation and data analysis. An overnight field trip is required.

GEOL 4082 - Structure Field Practicum

Credit Hours 1

Corequisite: GEOL 4080

Description: Field observation, documentation and analysis of deformational features formed at middle to upper levels of the earth's crust. Use of the Brunton compass, note taking, and collection and analysis of structural data in the field. An overnight field trip is required.

GEOL 4250 - Hydrogeology

Credit Hours 3

Prerequisite: MATH 1730 with a grade of "C" or higher;

Corequisite: GEOL 4251;

Description: Hydrogeology will introduce the concepts related to the occurrence and movement of groundwater, as well as, evaluation of groundwater resources. Major topics of the course include examination of governing equations, analyses of aquifer properties, regional groundwater flow, and groundwater contamination. An overnight field trip is required.

GEOL 4251 - Hydrogeology Lab

Credit Hours 1

Prerequisite: MATH 1730 with a grade of "C" or higher;

Corequisite: GEOL 4250;

Description: Laboratory component for Hydrogeology that will introduce the concepts related to the occurrence and movement of groundwater, as well as, evaluation of groundwater resources. Major topics of the course include examination of governing equations, analyses of aquifer properties, regional groundwater flow, and groundwater contamination. An overnight field trip is required.

GEOL 4252 - Environmental Geology Field Methods

Credit Hours

Prerequisite: GEOL 4250 or GEOL 3030 or with a grade of "C" or higher or permission of instructor;

Description: Instruction and practice in environmental and hydrogeologic field methods, including data collection and interpretation. Course includes lectures, labs, and field work in and around Clarksville.

GEOL 4450 - Economic Geology

Credit Hours 3

Prerequisite: GEOL 3600/3601 or permission of instructor;

Corequisite: GEOL 4451;

Description: General features of minerals deposits, their origin, localization, and classification. Also incorporates classic examples of mineral deposits with their geologic and geographic occurrence.

GEOL 4451 - Economic Geology Lab

Credit Hours 1

Prerequisite: GEOL 3600/3601 or permission of instructor;

Corequisite: GEOL 4450;

Description: Laboratory component for general features of minerals deposits, their origin, localization, and classification. Also incorporates classic examples of mineral deposits with their geologic and geographic occurrence.

GEOL 4500 - Laboratory Research Project

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Permission of instructor

Description: To promote personal growth as an independent investigator, each well-qualified junior or senior may complete an independent laboratory (in-house or field) oriented original research project with faculty supervision.

GEOL 4550 - Advanced Topics in Geology

Credit Hours 1-4

Variable Credit Hours 1-4

Prerequisite: Permission of instructor.

Description: Exploration of an advanced topic in geology.

GEOL 4910 - Invertebrate Paleontology

Credit Hours 3

Prerequisite: GEOL 1050/1051;

Corequisite: GEOL 4911;

Description: Principles of faunal interpretation as applied to the fossil record of the invertebrate phyla. An overnight field trip is required.

GEOL 4911 - Invertebrate Paleontology Lab

Credit Hours 1

Prerequisite: GEOL 1050/1051;

Corequisite: GEOL 4910;

Description: Laboratory component for principles of faunal interpretation as applied to the fossil record of the invertebrate phyla. An overnight field trip is required.

GEOL 4920 - Advanced Paleontology

Credit Hours 3

Prerequisite: GEOL 4910/4911 or permission of instructor

Description: Diversification of life, evolution of communities, faunas and floras, paleoecologic reconstruction, and evolutionary

patterns are all components of paleontology. Current and past literature is explored to gain insight into patterns and processes in the history of life. Techniques in collection and analysis of paleontologic data are explored.

GEOL 4990 - Geology Field Camp

Credit Hours 6

Prerequisite: Completion of courses required for Geology Concentration or permission of instructor

Description: Six week intensive experience in measuring section, stratigraphic and structural interpretation and geologic mapping in a wide variety of igneous, metamorphic and sedimentary terrains. Projects involve producing geologic maps and reports. Aerial photographic interpretation skills, mapping, and location determination with GPS.

GEOL 4995 - Seminar in Geoscience Communication

Credit Hours 2

Prerequisite: 12 upper division credit hours in Geology

Description: Techniques of writing, editing, and oral presentation in the geosciences. Professional geologic reports, abstracts, research proposals and papers are emphasized. Location and critical evaluation of geologic data in print and electronic media will also be addressed.

German

GERM 1010 - Introductory German I

Credit Hours 3

Description: Introduction to the German language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening covering word classes such as verbs, nouns, and pronouns, using grammatical forms for present, past and future, subject, objects, more prepositional phrases, and more complex syntactical structures.

GERM 1020 - Introductory German II

Credit Hours 3

Prerequisite: GERM 1010

Description: Introduction to the German language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening covering word classes such as verbs, nouns, and pronouns, using grammatical forms for present, past and future, subject, objects, more prepositional phrases, and more complex syntactical structures.

GERM 2010 - Intermediate German I

Credit Hours 3

Prerequisite: GERM 1020 or equivalent 2 years of German in high school.

Description: A comprehensive review of German along with extensive reading, communicative exercises and discussions of

representative German texts and other media. Emphasis is on the development and mastery of sentence structures containing verbs in the present, past and future tenses.

GERM 2020 - Intermediate German II

Credit Hours 3

Prerequisite: GERM 2010

Description: A comprehensive review of German along with extensive reading, communicative exercises and discussions of representative German texts and other media. Emphasis is on the development and mastery of complex sentence structures and verb tenses to generate cohesive paragraphs.

GERM 3040 - Study Abroad in German Speaking Countries

Credit Hours 6 to 8

Variable Credit Hours 6 to 8

Prerequisite: Basic of German or permission of instructor

Description: A study abroad program designed to provide students with a total German speaking environment which will allow a broadening of knowledge and appreciation of German language and culture. May be repeated for credit.

GERM 3210 - Advanced Composition in German

Credit Hours 3

Prerequisite: GERM 2020 or permission of instructor

Description: Free composition on assigned topics and translations to and from German from a variety of authors and topics to develop fluency and correctness in writing German.

GERM 3220 - Phonetics and Conversation in German

Credit Hours 3

Prerequisite: GERM 2020 or permission of instructor

Description: Extensive application of corrective phonetics to assure a high level of accuracy in German pronunciation. Concentrated practice in oral command of German. This course affords the student opportunities to discuss in German assigned topics in order to develop confidence and accuracy in oral expression.

GERM 3410 - Business German

Credit Hours 3

Prerequisite: GERM 2020

Description: Vocabulary and concepts in German, Austrian, and Swiss business.

GERM 3420 - German Cinema

Credit Hours 3

Prerequisite: GERM 2020

Description: History of German cinema and study of representative films.

GERM 3510 - German Civilization, Culture and Geography I

Credit Hours 3

Prerequisite: GERM 2020 or permission of instructor

Description: German civilization, history, culture, and geography from its origins until the 18th Century.

GERM 3520 - German Civilization, Culture and Geography II

Credit Hours 3

Prerequisite: GERM 2020 or permission of instructor

Description: German civilization, history, culture, and geography from the 18th Century on.

GERM 3530 - German for Business and Professional Life

Credit Hours 3

Prerequisite: GERM 2020

Description: Introduction to the German business world (economic/political system), providing students with a basic, practical set of tools (cultural knowledge/vocabulary/relevant history). Topics include the European Union, environmental protection policies, multiculturalism, and intercultural communication between US and German business practices, and navigating the world of subsidized cultural life in Germany (for music majors). The class will cater to students from other disciplines such as education/STEM (engineering)/nursing on an as-needed basis.

GERM 4110 - Independent Study in German

Credit Hours 3

Prerequisite: Permission of instructor

Description: Students study independently in German under instructor's guidance. Studies are planned to satisfy special individual needs and interests.

GERM 4120 - Independent Study in German

Credit Hours 3

Prerequisite: Permission of instructor

Description: Students study independently in German under instructor's guidance. Studies are planned to satisfy special individual needs and interests.

GERM 4510 - Survey of German Literature I

Credit Hours 3

Prerequisite: GERM 2020

Description: German literature from the beginning to 1800.

GERM 4520 - Survey of German Literature II

Credit Hours 3

Prerequisite: GERM 2020

Description: German literature from 1800 to the present.

GERM 4530 - German Literature: Special Topics

Credit Hours 3

Variable Credit Hours 6

Prerequisite: GERM 2020

Description: Selected texts from a genre, period of time in German Literature. May be repeated for credit.

GERM 4540 - German Literature for the 21st Century

Credit Hours 3

Prerequisite: GERM 2020

Description: German Literature for the 21st Century will focus on German literature from the late 20th and early 21st century. The course will analyze the role of German literature, and of German Graphic Novels in particular, as a medium, which, observes, depicts, analyzes, and provides (sometimes autobiographical) experience with/commentary on important social topics such as race, gender, sexuality, disability, neurodiversity, history, war, and art. This will lead to the second emphasis of the course: the theory and practice of literary translations from English into German and vice versa.

Global Security Studies

GSS 2010 - Introduction to Global Security Study

Credit Hours 3

Description: Security studies is moving from a purely state-centric focus anchored in the military instrument to one considering transnational issues with global implications, implying collaborative effort to address these issues. Topics include conventional and critical security, gender and age, environmental security, international law, migration, intra-state conflict, terror, and American Global power.

GSS 3020 - Global Strategic Studies

Credit Hours 3

Pre/Corequisite GSS 2010

Description: This is a course on the global dimensions of warfare strategy and tactics regarding new forms of war, such as cyberattacks, intimidation, subversion, exploitation, and exclusion which represent blended threats to world peace and order. Theory, research, and policy matters are examined from both military and non-military perspectives. Geopolitics, grand strategy and securitization are also examined in relation to contemporary world problems.

Greek

GREK 1010 - Introductory Greek I

Credit Hours 3

Description: An introduction, with cultural context, to the ancient Greek language, in either the Classical or Biblical Greek dialects (full sequences of each dialect will rotate year-to-year), with emphasis on the written language; elements of Greek grammar and syntax; practice in reading and translation of Classical or New Testament Greek prose (depending on sequence rotation.)

GREK 1020 - Introductory Greek II

Credit Hours 3

Prerequisite: GREK 1010

Description: A continued introduction, with cultural context, to the ancient Greek language, in either the Classical or Biblical Greek dialects (full sequences of each dialect will rotate year-to-year), with emphasis on the written language; elements of Greek grammar and syntax; practice in reading and translation of Classical or New Testament Greek prose (depending on sequence rotation.)

GREK 1110 - Elementary Modern Greek

Credit Hours 4

Description: An introduction to the modern Greek language, with emphasis on speaking, reading, and writing in an immersion experience. Available only through Study Abroad program in Greece.

GREK 2010 - Intermediate Greek I

Credit Hours 3

Prerequisite: GREK 1020

Description: Further study of ancient Greek with emphasis on increasing mastery of grammar and vocabulary. Readings are in prose GREK 2010 and from Homer's Iliad in GREK 2020.

GREK 2020 - Intermediate Greek II

Credit Hours 3

Prerequisite: GREK 2010

Description: Further study of ancient Greek with emphasis on increasing mastery of grammar and vocabulary. Readings are in prose in GREK 2010 and from Homer's Iliad in GREK 2020.

GREK 2110 - Intermediate Modern Greek

Credit Hours 3

Prerequisite: GREK 1010, 1020 or 1110

Description: This course is a continuation of GREK 1110 and so includes a review of grammar as well as continued deeper instruction in speaking, reading, listening, and writing of modern Greek through the study and discussion of texts, films, and music.

GREK 2120 - Intermediate Modern Greek

Credit Hours 3

Prerequisite: GREK 2110 or equivalent

Description: This course is a continuation of GREK 1110 and so includes a review of grammar as well as continued deeper instruction in speaking, reading, listening, and writing of modern Greek through the study and discussion of texts, films, and music.

GREK 3520 - Koine Greek

Credit Hours 3

Prerequisite: GREK 2020

Description: Selections from the New Testament, the Septuagint, early Christian writings, and the church fathers. Differences between Attic Greek and Koine will be discussed.

GREK 3999 - Readings in Ancient Greek Authors

Credit Hours 3

Prerequisite: GREK 2020 or by permission of instructor.

Description: Selected readings in Greek prose or poetry, to be determined by the instructor. Students will read substantial selections from authors such as Herodotus, Homer, Lysias, Plato, Euripides, and Sophocles.

GREK 4900 - Independent Study in Greek

Credit Hours 3

Description: Students study independently in Greek under the guidance of an instructor. Studies are planned to satisfy special individual needs and interests. May be repeated for up to a total of 12 hours.

Health and Human Performance

HHP 440I - Internship in HHP

Credit Hours 1 to 12

Variable Credit Hours 1 to 12

Prerequisite: HHP 4989;

Description: Internship consists of work or contact hours of observation and participation from selected agencies, corporations or organizations. Hours required depends on credit hours. Grading is on a pass/fail basis.

NOTE: Students must be within 12 hours of finishing degree requirements after completing HHP 440I except with permission of department chair.

HHP 440R - Research in Health and Human Performance

Credit Hours 1 to 6

Variable Credit Hours 1 to 6

Prerequisite: Six hours of upper division HHP coursework and permission of instructor.

Description: Research activities in Health and Human Performance agreed upon by student and instructor to include data acquisition, analysis and reporting. May be repeated up to 9 credit hours.

HHP 1250 - Wellness Concepts and Practice

Credit Hours 3

Description: Course combines health-related content knowledge with participation in physical activity. Content areas include fitness concepts, nutrition and weight management, substance use and abuse, prevention of chronic disease, and human sexuality.

HHP 2000 - First Aid CPR and Safety

Credit Hours 3

Description: Designed to help students recognize and control injury risk factors through an introduction to the public health approach to injury prevention. Includes skills training for certification in CPR, AED, and first aid to provide immediate and temporary care in the event of an injury or sudden illness.

HHP 2010 - Technology Applications for Health and Human Performance

Credit Hours 3

Description: Competency in microcomputer applications in instructional process and in management of health, physical education and sport. Gives hands-on experience in using a variety of hardware and HHP specific software applications.

HHP 2020 - Teaching K-12 Fitness Education

Credit Hours 3

Variable Credit Hours 3

Pre/Corequisite HHP 1250

Description: This course will focus on content knowledge and instructional strategies for teaching individual and group fitness in a K-12 setting. Emphasis will be on administering and interpreting health-related fitness assessments.

HHP 2030 - Youth and Adolescent Health

Credit Hours 3

Prerequisite: HHP 1250

Description: Offers teachers and others working with school-age persons an understanding of key health issues. Focus is on health topics related to family living, including intimacy, reproductive health and STDs, mental health including addictive behaviors, stress and suicide, and injury prevention and safety. Educational and risk reduction strategies are featured.

HHP 2040 - Youth Sports: Trends and Issues

Credit Hours 3

Description: This course will examine issues with the expanding youth sports environment. Topics include gender identity, burnout, hazing, pay-to-play and other trending topics. Students will examine these issues from the perspective of youth athletes, coaches, administrators, parents, fans, taxpayers, sport psychologists and educators.

HHP 2050 - Community and Environment Health

Credit Hours 3

Description: An examination of the individuals and processes involved in the functioning of public and private community health agencies. The concepts of ecology and how ecological problems affect the quality of a healthful life are also presented.

HHP 2060 - Peer Health Education

Credit Hours 3

Description: This course prepares students to inform, educate, intervene, and assist their campus peers to make healthy lifestyle choices. Upon completion of the course and Certified peer Health Educator (CPE) exam, students become a CPE, and are eligible to conduct peer education programming on campus through campus wellness initiatives. Students meet once a week for 2 hours in class, and would complete 15 hours of on-campus volunteer service.

HHP 2070 - Principles of Strength and Conditioning

Credit Hours 3

Prerequisite: HHP 1250 and must be an HHP or KINS Major

Description: This course will focus on how to design programs in the areas of resistance training, flexibility, plyometrics, speed

and agility, and aerobic training. The ability to teach and demonstrate proper technique will also be emphasized. A lab is included.

HHP 2100 - Introduction to Pre-Physical Therapy

Credit Hours 1

Prerequisite: BIOL 2010

Description: This course will guide and direct students who are interested in pre-physical therapy. Areas studied specific to pre-physical therapy include academic requirements; selection of a major; admission requirements for physical therapy graduate programs; and exploration of alternative rehabilitative careers.

HHP 2110 - Athletic Coaching of Football

Credit Hours 3

Description: Overview of football theory, techniques, and fundamentals. Students are afforded opportunities to analyze game films, practice fundamentals, quiz varsity coaches about their specialties, learn how to organize practice and games, and learn basic rules of football.

HHP 2120 - Rhythmic Movement and Educational Gymnastics

Credit Hours 3

Description: Scope, content and skill practice of both the educational gymnastics and rhythmic movement programs will be explored. The student will have the opportunity to demonstrate effective teaching strategies in a laboratory setting. Emphasis is placed on planning and organizing activities in grades K-12.

HHP 2200 - Career Exploration in Health and Human Performance

Credit Hours 2

Description: This course provides an overview of career options in the HHP field and insight on choosing appropriate degree concentration and academic paths. Students will explore details including: job responsibilities, income potential, professional certifications and job market potential, on a wide array of professions in fitness, health, education and sports.

HHP 2230 - Principles of Injury Evaluation and Rehabilitation

Credit Hours 3

Course Changes: Additional statement in description to begin Spring 2017.

Prerequisite: BIOL 2010

Description: An overview of the clinical skills used in the care, prevention, and rehabilitation of injuries. Course content will focus on the recognition and evaluation of injuries and the creation of rehabilitation programs. A lab is included.

HHP 2240 - Introduction to Physical Education

Credit Hours 3

Description: Comprehensive instruction to give the student planning to major in physical education an orientation to the scope of physical education and lifetime wellness programs.

HHP 2250 - Public Health Essentials

Credit Hours 3

Pre/Corequisite HHP 1250

Description: Public Health Essentials is intended to serve as an introductory framework for public health and the public health profession. This course provides an overview of public health concepts and practice including history, purpose, functions, activities, theory, and philosophy.

HHP 2251 - Health Education Professions Orientation

Credit Hours 1

Prerequisite: HHP 2250

Description: This course familiarizes students with the requirements, opportunities, and obligations associated with a career in health education/public health. A field experience is required.

HHP 2500 - Foundations of Recreation

Credit Hours 3

Description: Historical and philosophical approaches to recreation and leisure are explored. Recreation in multiple settings, among diverse populations, and through a variety of delivery systems will be covered.

HHP 2600 - Community Recreation

Credit Hours 3

Description: Instruction and practical application of developing recreational programs in a community setting including assessment, planning, budget management, marketing, implementation, and evaluation. Course will include knowledge of leadership practices and planning procedures as it relates to community recreational programming.

HHP 2700 - Introduction to Sport Management

Credit Hours 3

Description: This course is designed to give students an overview of the field of sport management. An introduction to how sport management influences youth/community, interscholastic, intercollegiate, and professional sports including an examination of the wide range of career opportunities in sport management.

HHP 2900 - Planning and Assessment in Physical Education

Credit Hours 1

Pre/Corequisite HHP 1250

Description: Instruction for creating lesson plans will be examined and practiced. Assessments in lesson planning and learning segments will be researched and created.

HHP 3000 - Health Care Management

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Description: A study of the principles of effective health care management functions, including planning, organizing, leading, controlling, and processes of decision-making and communication.

HHP 3010 - Adapted Physical Education

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Description: Abnormalities and atypical cases; identification, with preventive and corrective practices. The theory and practice of planning special physical education and personal fitness and related skills programs for the elementary and secondary levels.

HHP 3025 - Emerging Global Health Issues

Credit Hours 3

Description: This course will examine global health issues using the determinants of health with a focus on the burden of diseases. Students will look at social, economic, political, and environmental factors that influence health disparities on a global level. This course provides students the opportunity to learn about global health organizations and the impact of global health interventions.

HHP 3030 - Nutrition: Science and Application

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Description: Introduction to the science of nutrition and application to wellness promotion through the use of dietary assessment tools needed for lifestyle changes.

HHP 3035 - Nutrition for Sport and Exercise

Credit Hours 3

Prerequisite: BIOL 2020 / 2021

Description: Building on previous knowledge of nutrient classes and physiology, this class examines macro- and micronutrient

influence on performance, eating patterns for training and recovery and nutritional ergogenic aids. In addition, counseling issues related to weight, eating disorders and team nutrition are covered.

HHP 3040 - Positive Mental Health and Happiness

Credit Hours 3

Description: This course will examine and explore positive mental health. Underlying theories related to positive emotions and happiness will be examined. A major focus of the course will be on the practice of skills that lead to positive emotions and happiness.

HHP 3045 - Overcoming Adversity in Sport and Life

Credit Hours 3

Description: This course will examine the scientific literature, pop culture and personal stories of adversity. Developing tools and the ability to respond appropriately to adversity will also be examined.

HHP 3050 - Coaching Concepts and Issues

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Description: This course will cover various coaching strategies and issues. Discussion will consist of coaching different age groups, ability levels and gender. Class discussion will also include how to set up an effective practice session as well as legal issues related to the field of coaching.

HHP 3055 - Program Planning and Evaluation I

Credit Hours 3

Prerequisite: HHP 2050 or 2250;

Description: An introduction to the fundamental concepts and features of health promotion program or project development with a focus on needs assessment.

HHP 3060 - Team Building and Team Dynamics

Credit Hours 3

Description: This course will illustrate how to build successful teams as well as how to create an effective team environment. Team dynamic concepts and current research will also be discussed.

HHP 3070 - Advanced Strength and Conditioning

Credit Hours 3

Prerequisite: HHP 2070

Description: This course introduces advanced topics in strength and conditioning to improve the student's ability to write and implement evidence-based exercise programs for a variety of populations. Key topics of discussion include periodization, training load monitoring, advanced program design elements, and recovery/regeneration strategies.

HHP 3100 - Foundations of Kinesiology

Credit Hours 3

Prerequisite: Sophomore standing

Description: Principles and concepts of the science of human movement will be examined. Areas of study will include biomechanics and anatomy and physiology.

HHP 3110 - Substance Use and Abuse

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Description: The content and method pertaining to the preventive aspects of chemical dependency. Included will be emphasis on basic pharmacology, causes of drug abuse, possible alternatives, and the role of school and community services.

HHP 3150 - Teaching Individual, Dual and Team Sports

Credit Hours 3

Prerequisite: HHP 2240 or HHP 2600

Description: Knowledge of planning, organizing, and teaching individual, dual and team sports. Additionally, the student will develop individual abilities in individual, dual and team sports.

HHP 3155 - Teaching Individual and Dual

Credit Hours 3

Pre/Corequisite HHP 3010

Description: This course will focus on planning, organizing, and teaching individual and dual sports. Additionally, the student will develop individual abilities in the skills of these sports.

HHP 3165 - Teaching Team Sports

Credit Hours 3

Pre/Corequisite HHP 3010

Description: This course will focus on teaching knowledge of planning, organizing, and teaching team sports. Additionally, the student will develop individual abilities in team sports skills.

HHP 3190 - Movement Education for Elementary Children

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Description: Designed to provide instruction and experience in basic rhythms, dance games, and movement explorations for the elementary school child.

HHP 3210 - Methods and Materials in Physical Education for the Elementary School

Credit Hours 3

Prerequisite: EDUC 2100 and sophomore standing or permission of department chair

Description: A study of developmentally appropriate activities for the elementary child to include movement concepts and basic skills. Emphasis is placed on instructional approaches, feedback, assessment, and class management techniques. Students will observe in the schools.

HHP 3211 - Methods and Materials in Physical Education for the Elementary School Lab

Credit Hours 1

Variable Credit Hours 1

Prerequisite: EDUC 2100

Corequisite: HHP 3210

Description: Provides teacher candidates with practicum experiences with peers and youth in physical education. Students will have an opportunity to apply and develop the skills and knowledge gained in HHP 3210.

HHP 3300 - Anatomical Kinesiology

Credit Hours 3

Prerequisite: BIOL 2010 /2011

Description: Structure, function, and organization of the various tissues, organs, and systems of the human body, anatomic fundamentals of human motion, and the application to a wide variety of motor skills, athletic training, and physical rehabilitation.

HHP 3400 - Coordinated Approach to Child Health

Credit Hours 3

Description: The course will focus on the Whole School, Whole Community, Whole Child (WSCC) model, emphasizing a collaborative approach that is child-centered and includes partners from various disciplines.

HHP 3410 - Health Disparities

Credit Hours 3

Prerequisite: HHP 2050 or WGS 2050 or SOC 1010 or SOC 1040 or AAST 2200 or permission of instructor

Description: This course examines the role of gender, race/ethnicity and class on health status and access to health care in the U.S.

HHP 3450 - Health Issues of Special Populations

Credit Hours 3

Prerequisite: HHP 2250 or HHP 2050 or any lower division course in WS or AAST or SOC or permission of chair;

Description: This course examines the interaction of social, environmental and biological determinants of health. Students will

be introduced to the major concepts, problems and programming associated with U. S. health disparities related to gender, race and ethnicity, place, age and socioeconomic position.

HHP 3510 - Health Care Economics

Credit Hours 3

Prerequisite: HHP 3000

Description: Analysis of issues in health care using economic tools and models as applied to the delivery of health care services.

HHP 3600 - Communication and Advocacy

Credit Hours 3

Prerequisite: HHP 2250 or 2050;

Description: Students will develop knowledge and skills to become an effective advocate for health. Goals, include identifying issues that require advocacy, creating and delivering messages using communication theory, assessing and utilizing technologies, evaluating communication/advocacy efforts, and assessing the impact of existing and proposed policies on health.

HHP 3630 - Health Care Financial Analysis

Credit Hours 3

Prerequisite: HHP 3000;

Description: Financial management theory, principles, and concepts applicable to health care organizations and systems.

HHP 3640 - Human Resources in Health Care

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Description: Integration of human resources management systems with special issues in health care environments.

HHP 3643 - Research Experience

Credit Hours 3

Prerequisite: Permission of instructor

Description: Student participation in research activities in health and human performance under the guidance of a HHP faculty member. Activities may include IRB compliance; review of literature; data collection; data management; data analysis; and research report.

HHP 3700 - Program Planning and Leadership in Recreation

Credit Hours 3

Description: Coverage of programming concepts, in-depth skills of planning leadership and application in recreation will be addressed. Planning preparation, implementation, and evaluation approaches along with how to measure program success.

HHP 4000 - Introduction to Gerontology

Credit Hours 3

Prerequisite: Junior standing or permission of department chair

Description: An overview of the factors influencing the health of the aged and aging.

HHP 4010 - Health Education Theory and Practice

Credit Hours 3

Prerequisite: HHP 2050 or 2250;

Description: The purpose of this course is to provide a foundation for the practice of health through an understanding of historical and ethical issues, theories of health behavior and learning, and certification responsibilities.

HHP 4020 - Introduction to Occupational Safety and Health

Credit Hours 3

Description: This is an introductory, three credit hour course that focuses on the role of Occupational Safety and Health in protecting and promoting the safety, health, and well-being of workers. Students will gain an understanding of current OSHA laws, health issues, and strategies related to identifying and reducing occupational safety and health problems that may result in occupational related illnesses and injuries in various types of work.

HHP 4030 - Living, Dying, Grieving

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Description: This course is designed to allow students a means by which to examine biological, philosophical, socio-economic, and cultural viewpoints of living, aging, death and dying, and grieving. A balance of facts, activities, and personally confronting issues are incorporated.

HHP 4040 - Sport Psychology

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Description: Psychological principles in sports including motivational techniques, personality factors, communication principles, and anxiety reduction techniques.

HHP 4050 - Implementing Health Behavior Changes

Credit Hours 3

Prerequisite: HHP 1250

Description: Designed to help students understand specific concepts and complex systems related to changing health behaviors for clients in variety of settings. Current methods in designing programs that encourage individuals to take responsibility for their own state of health; thus, changing health risk behavior patterns to behaviors that move individuals toward an optimum state of wellness.

HHP 4055 - Program Planning and Evaluation II

Credit Hours 3

Prerequisite: HHP 3055;

Description: An introduction to the fundamental concepts and features of health promotion program or project development with a focus on needs assessment.

HHP 4060 - Consumer Health

Credit Hours 3

Prerequisite: Junior standing or permission of department chair

Description: A study of fraudulent advertising and practices in the health field such as healing practices, dietary fads, reducing agents, and other healing arts which now comprise only a portion of the modern "medicine show."

HHP 4070 - Human Health and Disease

Credit Hours 3

Prerequisite: Sophomore standing or permission of chair

Description: Underlying factors of human health and common infectious and non-communicable diseases are reviewed. Strategies for promoting and protecting health are introduced.

HHP 4080 - Human Sexuality

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Description: The focus is on the human or personal aspect of sexuality. Emphasis is placed on attitudes, emotions, and behavior patterns as related to the development of healthy sexual lifestyles rather than on the anatomy and physiology of the reproductive system. Students are encouraged to integrate their own life experiences with the academic materials.

HHP 4220 - Analysis of Movement

Credit Hours 3

Course Changes: Additional statement in description to begin Spring 2017.

Prerequisite: HHP 3300 and sophomore standing or permission of department chair

Description: Designed to develop a basic understanding of how and where the body moves and what the body can do.

Opportunities will be provided to demonstrate an understanding of the mechanical principles and concepts of movement and to apply these concepts of movement. A lab is included.

HHP 4240 - Introduction to Motor Learning

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair;

Description: The study of the application of psychological and physiological principles to learning motor skills and strategies.

HHP 4250 - Physiology of Exercise

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Pre/Corequisite HHP 3300

Description: Constitutes the scientific basis of physical activity and the development of physical training programs. Factors affecting muscle contraction, nervous control of muscular activity, effects of exercise on body function, muscle strength, fatigue and recovery, and weight management will be studied.

HHP 4300 - Introduction to Stress Management

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair;

Description: An introductory study of stress, stressors, and stress intervention techniques. This course complements other health offerings by giving students the opportunity to learn about stress as related to current health problems.

HHP 4350 - Health Risk Appraisal and Fitness Assessment

Credit Hours 3

Prerequisite: Sophomore standing

Pre/Corequisite HHP 4250

Description: An explanation of health risk appraisal, exercise testing and exercise prescription, for general populations based on guidelines established by the American College of Sports Medicine. Students will administer and participate in various exercise tests that cover the five areas of fitness; cardiorespiratory endurance, muscle strength, muscle endurance, flexibility and body composition.

HHP 4390 - Strategic Planning and Policy

Credit Hours 3

Prerequisite: HHP 3630;

Description: The study of policy and planning techniques applied to organizations in the health care delivery system.

HHP 4400 - Teaching Health and Human Performance

Credit Hours 3

Prerequisite: Transition II

Description: Methods and materials for teaching health, physical education, and lifetime wellness. Emphasis is placed on structuring units of work, lesson plans, evaluation and organization, and development of health, physical education, and lifetime wellness programs. Students will observe in schools.

HHP 4450 - Teaching Strategies in Health

Credit Hours 3

Prerequisite: HHP 2030 or pre-/co-req HHP 3400;

Description: In this course students will analyze effective teaching strategies for use in various health education settings. In

addition, students will develop curriculum and capacity to plan, implement and authentically assess health instruction. This course will address Tennessee Health Education Standards and National Health Education Standards.

HHP 4500 - Epidemiology and Biostatistics

Credit Hours 3

Prerequisite: Sophomore standing or permission of department chair

Description: Examination of epidemiological concepts in relation to specific public health issues. Disease investigation techniques, causal factors, case histories, and related biostatistics are examined and educational implications are discussed.

HHP 4550 - Pathophysiology and Exercise Prescription for Special Populations

Credit Hours 3

Variable Credit Hours NA

Prerequisite: HHP 4350

Description: This course focuses on the pathophysiology of special populations (e.g. diabetes, cardiovascular disease, neurological disease, cancer, etc.) and how to modify/accommodate each special population during exercise. The course will be based on the guidelines established by the American College of Sports Medicine.

HHP 4600 - Public Health Law

Credit Hours 3

Prerequisite: Junior standing or permission of department chair

Description: The study of federal and state legal systems affecting health care administration and wellness promotion programs.

HHP 4700 - Research Applications in Exercise Science

Credit Hours 3

Prerequisite: MATH 1530

Description: The focus of the course will be to introduce the research process in the various areas of exercise science. Research design, literature review, and the development of research questions along with methodology will be covered. A review of basic statistical applications and their use in conducting research in various areas of exercise science and data collection methods and selection of appropriate statistical tools will be covered.

HHP 4750 - Evidence Based Practice in Sport Science

Credit Hours 3

Variable Credit Hours NA

Cross Listed: NA

Dual Listed: NA

Pre/Corequisite MATH 1530 and HHP 2070

Description: This course is designed to present innovative solutions and techniques as they apply to human performance and leadership. Student learning outcomes will reflect the application of scientific disciplines, statistical data assessment, needs analysis, effective communication, data science and interpretation, and strength and conditioning methods as it applies to biomechanical assessments.

HHP 4800 - Capstone for Public Health

Credit Hours 3

Prerequisite:

Pre/Corequisite HHP 3600, HHP 4010, HHP 4055, HHP 4070, and HHP 4500

Description: This course is a cumulative, integrative, scholarly and applied experience in which students demonstrate knowledge and competencies acquired during their course of study in the Public Health Concentration. A service learning experience is required in addition to other activities.

HHP 4801 - CHES Exam Preparation

Credit Hours 1

Prerequisite: Permit by instructor only

Description: This course provides public health concentration students the opportunity to prepare for the Certified Health Education Specialist (CHES®) exam by synthesizing program coursework and developing appropriate studying techniques.

HHP 4910 - Special Problems in Health and Human Performance

Credit Hours 1 to 12

Variable Credit Hours 1 to 12

Prerequisite: Permission of department chair

Description: An independent study providing students with the opportunity to pursue a health related topic not offered as part of the general curriculum. Health related topics outside of major emphasis will be encouraged to broaden students' perspective.

HHP 4989 - Pre-Internship and Career Seminar

Credit Hours 1

Description: Students will engage in key processes required to prepare for the internship experience including paperwork preparation, investigation of internship sites, preparing a resume, and practice intervention skills. Key concepts related to career planning will also be presented; such as, career/graduate school options, networking and professional behaviors.

History

ASIA 4900 - Special Topics in Asian Studies

Credit Hours 3

Description: An independent study program whereby students from diverse disciplines can continue their projects for Asian Studies credit.

ASIA 4999 - Asian Studies Portfolio

Credit Hours 3

Variable Credit Hours 3

Description: A capstone course required during the final semester before graduation. This course assembles all materials from the minor into a portfolio that can be utilized by students after graduation for employment or educational purposes.

HIST 121A - Independent Study: Early World History

Credit Hours 1

Description: Student will consult with the supervising professor and read selected readings in World History. Evaluation may be either oral or written depending on the judgment of the supervising professor.

HIST 122A - Independent Study: Modern World History

Credit Hours 1

Description: Student will consult with the supervising professor and read selected readings in World History. Evaluation may be either oral or written depending on the judgment of the supervising professor.

HIST 201A - Independent Study: Early American History

Credit Hours 1

Description: Student will consult with the supervising professor and read selected readings in American History. Evaluation may be either oral or written depending on the judgment of the supervising professor.

HIST 202A - Independent Study: Modern American History

Credit Hours 1

Description: Student will consult with the supervising professor and read selected readings in American History. Evaluation may be either oral or written depending on the judgment of the supervising professor.

HIST 460X - Topics in Medieval History

Credit Hours 3

Description: The seminar will address one particular topic related to the European Middle Ages, 500-1500. It will involve advanced readings, discussion and research related to that topic.

HIST 2010 - Early United States History

Credit Hours 3

Course Changes: title from American History I

Description: Early exploring and colonizing activities, colonial customs and institutions, colonial wars, friction with England,

war for independence, problems of the new republic, the Constitutional Convention, War of 1812, new nationalism, Jacksonian democracy, expansionism and Manifest Destiny; and sectional controversy and Civil War.

HIST 2020 - Modern United States History

Credit Hours 3

Course Changes: title from American History II

Description: Reconstruction, industrialism, the Populist Revolt, politics of the Gilded Age, the new Imperialism and the Spanish-American War, the Progressive era, World War I, prosperity and depression, the New Deal, World War II, post-World War II era to present.

HIST 2030 - History of Tennessee

Credit Hours 3

Description: From colonial frontier of the 18th century to the modern urban setting. Emphasis will be placed on the political, economic, and social factors that shaped the life of Tennesseans in the 18th, 19th, and 20th centuries.

HIST 2040 - History and Environment Impact of Technology

Credit Hours 3

Description: This course examines the history of technology, with an emphasis on the positive and negative effects of technological innovation on the environment. Normative questions concerning the value of nature, species, and ecosystems and various theoretical approaches to distinguishing good and bad technology will be covered.

HIST 2310 - Early World History

Credit Hours 3

Course Changes: number from HIST 1210 & title from World History I

Description: Earliest civilizations of Mesopotamia, Egypt, India, China, and the Aegean; classical civilizations of Greece and Rome; medieval civilizations of the Middle East, India, East Asia, and Western Europe; Africa and the Americas before European contact; the Renaissance; the Reformation; wars of religion; and age of exploration.

HIST 2320 - Modern World History

Credit Hours 3

Course Changes: number from HIST 1220 & title from World History II

Description: European interactions with the people of Asia, Africa, and the Americas from 1660; absolutism, the Scientific Revolution and the Enlightenment; civilizations of Africa, the Middle East, and Asia; the French Revolution; the Industrial Revolution; nationalism; zenith and decline of European hegemony; 20th century wars and ideologies.

HIST 3000 - Historical Methods

Credit Hours 3

Course Changes: Previously HIST 2999

Description: The techniques of the historical profession. Introduction to historiography, historical research and writing. Must be taken concurrently or before any other upper division history course.

HIST 3023 - Directed Readings

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Description: This course is for undergraduates to engage in independent study with professors.

HIST 3430 - East Asia through the Ages

Credit Hours 3

Description: This course will cover the history of East Asia from prehistoric times to the present. The course will focus on the development and connections of cultures and nations in the East-Asian region.

HIST 3440 - Africa to 1800

Credit Hours 3

Description: An exploration of the origin of humanity and the development of the societal institutions which sustained and perpetuated human civilization from its beginning to 1800 A.D. A survey of Africology from ancient Egypt to the rise of modern nation-states and an examination of peoples and cultures up to 1800 A.D.

HIST 3450 - Africa Since 1800

Credit Hours 3

Description: An explanation of the major themes, peoples, and cultures in 19th and 20th century Africa, from the impact of European involvement to the rise of independent African states, with great emphasis upon how Africa was restored to African rule and Africa's role in world affairs.

HIST 3650 - African American History

Credit Hours 3

Description: Topics in African American History offers an overview of various themes in the history of black Americans including slavery, the development of modern concepts of race, violence, legal structures, war, self-emancipation, cultural expression, gender, class, migration, region, pan-Africanism, the long freedom struggle, and the memory of history. The time period covered spans from the arrival of the first Africans to the Americas to the present day, meaning that most topics will be covered broadly while certain themes will be emphasized.

HIST 4012 - German Military History: 1618-1945

Credit Hours 3

Course Changes: Previously HIST 3039

Cross Listed: HIST 5012;

Description: A history of the origins and evolution of German military and diplomatic history from the period of 1618-1945. The course examines German diplomatic and military policies, particularly the Wars of Unification, World War I and World War II; and discusses their impact on German society, culture and politics, and world relations.

HIST 4026 - European Military History 1789-1945

Credit Hours 3

Course Changes: Previously HIST 3370

Cross Listed: HIST 5026;

Description: The development of military strategy, tactics, and technology in Europe from the French Revolution to the end of World War II.

HIST 4031 - Samurai Traditions

Credit Hours 3

Course Changes: Previously HIST 4031

Cross Listed: HIST 5031;

Description: This course will utilize the development of the samurai as a lens through which Japanese history is explored. The rise of the samurai in the 8th century, development of the shogunates, and the lasting impact of samurai identities will be included.

HIST 4049 - History of the English Civil War: 1640-1660

Credit Hours 3

Course Changes: Previously HIST 3120

Description: The causes and military campaigns of the English Civil War, including the New Model Army, its various political and religious components such as the Independence Presbyterians and the Levelers, their effects on the future of English governmental structure. The Interregnum government of Oliver Cromwell.

HIST 4051 - Ancient Greece

Credit Hours 3

Course Changes: Previously HIST 3300

Cross Listed: HIST 5051;

Description: The Bronze Age civilizations of Knossos, Mycenae, and Troy; the world of Homer; the rise of the city-state; Sparta; the Persian Wars; Athenian democracy and imperialism; literature, art, and philosophy in the Age of Pericles; the Peloponnesian War; the conquests of Alexander the Great.

HIST 4052 - Ancient Rome

Credit Hours 3

Course Changes: Previously HIST 3310

Cross Listed: HIST 5052;

Description: The origins of Rome, Etruscan influences, Roman institutions and values, the rise of Rome to world empire, social and political conflicts, the change from free Republic to imperial despotism, the Pax Romana, the persecution of Christianity, barbarian invasions; and the decline of Rome.

HIST 4053 - The Fall of the Roman Empire

Credit Hours 3

Course Changes: Previously HIST 3315

Description: The Mediterranean world from the second to the eighth century; the decline of the Roman Empire; the triumph of Christianity; barbarian invasions; birth of Byzantium; rise of the Islam and the Arab conquests; the barbarian kingdoms.

HIST 4054 - The High Middle Ages

Credit Hours 3

Course Changes: Previously HIST 3320

Cross Listed: HIST 5054;

Description: Surveys the civilization of the High middle Ages (11th-14th centuries). Includes social, economic and political topics of the period.

HIST 4055 - Renaissance and Reformation

Credit Hours 3

Course Changes: Previously HIST 3330

Cross Listed: HIST 5055;

Description: Early modern European society and culture from approximately 1350 to 1650. Topics include the "new learning" and the "new men" of the Renaissance, the development of the nation-state and commercial capitalism, the era of overseas exploration and discovery; the early forms of Protestantism; and the Counter-Reformation.

HIST 4056 - Absolutism and Enlightenment

Credit Hours 3

Course Changes: Previously 3340

Cross Listed: HIST 5056;

Description: The political, economic, and intellectual history of Europe, from approximately 1650 to 1789. Emphasis is on the development and practice of Absolutism, the influence of the Scientific Revolution, and the impact of the Enlightenment on social and political thought.

HIST 4057 - Modern Europe 1789 to 1919

Credit Hours 3

Description: The French Revolution and Napoleon, 19th century liberalism and nationalism, the 1848 revolutions, the unification of Italy and Germany, the Russian revolutions, and World War I.

HIST 4058 - Modern Europe 1919 to Present

Credit Hours 3

Course Changes: Previously 3360

Description: The aftermath of World War I, Communist Russia, the Great Depression, Fascism and Nazism, World War II, the Cold War in Europe, and the fall of Communism.

HIST 4059 - Modern Eastern Europe

Credit Hours 3

Course Changes: Previously 3365

Description: This course will cover social, political, economic, and military history of Eastern Europe in the 18th through 21st centuries.

HIST 4060 - Topics in Medieval History

Credit Hours 3

Dual Listed: HIST 5060

HIST 4061 - Revolutionary and Napoleonic Europe

Credit Hours 3

Course Changes: Previously HIST 3375

Cross Listed: HIST 5061;

Description: A comprehensive study of the French Revolution and Napoleonic Empire (1789-1815) from a global perspective. Topics may include absolutism and the Enlightenment; the revolutionary challenge; the republican ideology; the Reign of Terror; the Directory; French imperialism in Europe, the Caribbean, and Egypt; Napoleonic military officers; Napoleonic administration; and the Congress of Vienna.

HIST 4062 - Medieval England

Credit Hours 3

Course Changes: Previously HIST 3380

Description: The history of the English kingdom from the Anglo-Saxon invasions to the rise of the House of York. Topics include the political, social, religious, and intellectual developments in England with an eye to parallel developments on the continent.

HIST 4063 - Early Modern England 1485-1714

Credit Hours 3

Course Changes: Previously HIST 3385

Description: Focuses on the Tudor and Stewart dynasties, the English Reformation, the Elizabethan Settlement, the English Civil War, the Interregnum government under Oliver Cromwell, the Restoration government under Charles II, the Glorious Revolution of 1688, and concludes with the reign of Queen Anne.

HIST 4064 - Britain Since 1714

Credit Hours 3

Course Changes: Previously HIST 3390

Description: From the accession of the Hanoverians to the mid-twentieth century. The establishment of the Hanoverian dynasty, industrial revolution, and the rise of Methodism; the defeat of the French Revolution and Napoleon; Victorian era; new imperialism; Boer War; World Wars I and II. Political, social, economic, religious, intellectual, constitutional developments.

HIST 4065 - Modern Germany

Credit Hours 3

Course Changes: Previously HIST 3410

Description: German history from the rise of Prussia in the 17th century through German unification, both World Wars and the post-World War II recovery. Topics of particular concern are: militarism, nationalism, anti-Semitism, and democracy.

HIST 4066 - Imperial Russian History

Credit Hours 3

Course Changes: Previously HIST 3420

Description: This course studies the economic, political, social, and military history of Imperial Russia, 1613-1917. the course will first introduce ancient and medieval Russian history to provide background for a presentation on the reign of the Romanov's, the ruling family whose policies would guide Russia into the 20th century.

HIST 4069 - Colonial Latin America

Credit Hours 3

Course Changes: Previously HIST 3460

Cross Listed: HIST 5069;

Description: In depth study of the great Pre-Columbian civilizations; Spanish conquests; the formation of the early Spanish state; imperial expansion; development of multi-cultural, transatlantic societies; reorganization of the Spanish empire; and revolutions for independence. Emphasis upon the Native American component and Spanish and Portuguese colonial institutions.

HIST 4070 - Modern Latin America

Credit Hours 3

Course Changes: Previously 3470

Cross Listed: HIST 5070;

Description: In depth study of the caudillo systems; creation of the Brazilian Empire; consolidation of nation states; growth of plantation economies; industrialization; dictatorships; and political and social change from independence through the present. Emphasis upon modern Mexico, Argentina, Brazil and Chile.

HIST 4071 - The Early Middle Ages

Credit Hours 3

Course Changes: Previously 3480

Cross Listed: HIST 5071;

Description: Europe from the fifth to the eleventh century. Includes social, economic and political aspects of the following topics; the Fall of Rome, the barbarian kingdoms, early Byzantium, the birth of France and Germany, England under the early Anglo-Saxon England, the rise of Islam and the Arab conquests, Islamic Spain, Carolingian Europe.

HIST 4072 - Genocide and the Holocaust in the 20th Century

Credit Hours 3

Course Changes: Previously 3490

Cross Listed: HIST 5072;

Description: This course will focus on how societies decide to commit genocide and then how the practice of genocide was conducted in the 20th century. We will study and identify perpetrators of crimes against humanity and the victims of genocide. The final topic covered in this course will be on questions of memory and memorialization.

HIST 4073 - The Late Middle Ages

Credit Hours 3

Course Changes: previously 3495

Cross Listed: HIST 5073;

Description: Surveys the civilization of the later Middle Ages (14th-16th centuries). Includes social, economic and political topics of the period.

HIST 4074 - Modern France

Credit Hours 3

Course Changes: previously 3500

Cross Listed: HIST 5074;

Description: The history of modern France from the Ancient Regime through the Fifth Republic. Includes a focus on France in the world (the French Revolution overseas, the conquest of Algeria, the French civilizing mission, decolonization) as well as coverage of absolutism's decline, Napoleon, the long-nineteenth century, both World Wars, and more.

HIST 4075 - Medieval Islamic Civilization

Credit Hours 3

Course Changes: Previously 3750

Cross Listed: HIST 5075;

Description: Pre-Islamic Arabia; Muhammad and his message; the Rashidun and Umayyads; Classic Islamic Law and Philosophy; the Abbasid Caliphate and their rivals; Ayyubids, mamluks and Mongols; the Shia; the Rise of the Ottoman Empire.

HIST 4076 - The Modern Middle East

Credit Hours 3

Course Changes: Previously 3760

Cross Listed: HIST 5076;

Description: The Ottoman Empire and its decline; the rise of Arab nationalism; Egypt to independence; the Arab world after WWI; the birth of Israel and the problem of Palestine; Nasserism and Iraqi nationalism; Birth of Saudi Arabia, Oil and the USA; Saddam and the rule of the Ba'th Party; Iran from the Safavids to the Islamic revolution.

HIST 4077 - Modern Russian History

Credit Hours 3

Description: A survey of late 19th and 20th century Russia and its relationship to the history of the world.

HIST 4078 - The Officer Corps: Studies in Military Biography

Credit Hours 3

Course Changes: Previously 3850

Cross Listed: HIST 5078;

Description: The first part of this course examines the effectiveness of military officers by studying the education, training, and performance of them both in war and peace. The second part of the course will exam the careers of specific officers to determine the impact of the careers on the history of their country.

HIST 4081 - A History of Modern China

Credit Hours 3

Cross Listed: HIST 5081;

Description: This course provides a study of Chinese history from the revolution to present. Topics include Confucianism, feudalism, imperialism, communism, Buddhism, literature, gender, ethnicity and cultural identity. Class meetings consist of lectures, discussions and films.

HIST 4082 - Modern Japan

Credit Hours 3

Course Changes: Previously 3620

Description: A critical examination of Japanese history from 1854 to present. Topics include the Meiji Restoration, the process and consequences of Modernization and Modernity, the rise of militarism, the road toward WWII and its aftermath, and social, political, and economic transformation in the post-war period.

HIST 4083 - History of Modern Korea

Credit Hours 3

Course Changes: Previously 3820

Cross Listed: HIST 5083;

Description: A critical examination of Korean History, 19th Century to the present. Topics include clashes between tradition and modernization, relationships with China and Japan, internal and external struggles for independence, and causes and effects of two Koreas.

HIST 4090 - The Renaissance

Credit Hours 3

Description: The development and impact of humanism in Italy and Northern Europe. Renaissance Italy, England, France and the Holy Roman Empire are topics covered within this course.

HIST 4091 - Reformation Europe

Credit Hours 3

Dual Listed: HIST 5091

Description: Late medieval religious beliefs and practices in western Europe. Covers the movements begun by Luther, Zwingli and Calvin. Continues with the English Reformation, Counter-Reformation, and the Wars of Religion. Includes social, economic, and political topics of the period.

HIST 4101 - History of African American Religion

Credit Hours 3

Description: This course traces African-American religion from West Africa roots through the 21st century, including topics such as the first and second Great Awakenings, secret slave religion, music, the role of churches in the Civil Rights Movement, and twentieth-century Christian denominations.

HIST 4102 - Modern India: Mughals, Gandhi, Bollywood

Credit Hours 3

Description: This course gives a broad overview of the history of the Indian subcontinent, from the eighteenth century to India's

independence in 1947. Beginning with a brief introduction to the demise of the Mughal Empire, it focuses on the nature of British power in India.

HIST 4103 - The Making of Modern Science

Credit Hours 3

Description: An introductory survey of the history of science in its social, political, cultural, and intellectual contexts from antiquity to the beginning of twenty-first century through the lens of a humanistic and social science approach. Students will also appreciate a very different view of the making of modern science—one that needed real cultural engagement on the part of its practitioners from Aristotle/Plato through Galileo/Newton till Albert Einstein, Satyen Bose and Richard Feynman among others.

HIST 4104 - Mughal India

Credit Hours 3

Description: This course addresses the political economic and cultural changes in the sixteenth to eighteenth centuries. It covers the Mughal Empire—one of the largest empires in the world of its time--and other Indian kingdoms contemporaneous with it such as those in the Deccan and South India. Students will become acquainted with a world where occupations and identities were in constant flux, where kings became impoverished renunciates, bandits became kings, peasants became warriors, warriors became scholarly writers, and harem women became traders and power brokers.

HIST 4105 - History of Science and Technology in South Asia

Credit Hours 3

Description: The increasing importance of South Asian countries in the international arena in present day has led to the growing importance of the history of science & technology in these countries. We will sample a variety of approaches to the investigation of the history of South Asian sciences and technologies and discuss what is, and whether there is, something special about this field. By focusing on topics like colonial science, civilization through science & technology, nationalism/Imperialism and science, the vernacularization of science & technology and how knowledge circulates transnationally we will examine the nature of modernity in South Asia.

HIST 4410 - Teaching History in the Middle School

Credit Hours 3

Prerequisite: Transition 2

Description: This course will emphasize developing teaching units and lesson plans, evaluating and assessing student learning, individualizing instruction, engaging students through a variety of teaching strategies, using technology to enhance instruction and creating and managing the classroom environment. A minimum of 15 hours field experience is required.

HIST 4500 - The Colonial Era 1607 to 1763

Credit Hours 3

Description: Cultural, social, economic, and political development of Anglo-American colonies to the eve of the Revolution. Topics include settlement patterns, Indian relations, Puritanism, origins of slavery, demography, imperial government and warfare, the Enlightenment; and the Great Awakening.

HIST 4510 - Era of the American Revolution 1763 to 1800

Credit Hours 3

Description: The origins, characteristics, and results of the American Revolution. Topics include the Whig political tradition, protest movements, War of American Independence, formation of state and national constitutions and governments, the Federalist years; and the "Revolution of 1800."

HIST 4520 - The Early Republic 1789-1815

Credit Hours 3

Description: This course examines the American neighborhood; the meaning, limitations, and future of the new constitution; Federalists, Republicans, and the political and diplomatic crises of the 1790's; the emergence of popular democracy; expansion into the trans-appalachian west; the United States and the Napoleonic wars, economic development; stirrings of sectional controversy.

HIST 4530 - The Civil War Era 1845 to 1865

Credit Hours 3

Description: The Mexican War; the breakdown of national unity over slavery, states' rights, and economic and social differences; the Civil War, with emphasis on its military, political, and economic aspects.

HIST 4535 - Rise and Fall of the Confederate States of America

Credit Hours 3

Description: This class will examine the political, cultural, and military origins of the Confederate States of America (CSA), its brief existence, and its legacy in American history. Particular attention will be paid to the role of slavery, to the political ideologies privileged by the founders of the CSA, and to the culturally unifying place of religion and agrarianism in assessing the CSA's antecedents. The class will also consider the performance and ultimate defeat of the CSA in the American Civil War, and the legacy of the Confederacy in American life since 1865.

HIST 4540 - Gilded Age America 1865-1900

Credit Hours 3

Description: The aftermath of the American Civil War and the struggle over reconstruction; the transformation of the U.S. into an urban and industrial nation in the last third of the 19th century; and the social and political consequences of that transformation.

HIST 4550 - Jacksonian America, 1815-1845

Credit Hours 3

Cross Listed: HIST 5550

Description: This course examines social, economic, intellectual, religious, and political factors that shaped the United States from the end of the war of 1812 to the outbreak of the Mexican War.

HIST 4560 - 1860-1900 Civil War to Gilded Age

Credit Hours 3

Description: Description: This class examines American history from the beginning of the Civil War through the end of the century; including among other topics: the war years and the Reconstruction Era, the closing of the west, and the Gilded Age in American History.

HIST 4570 - United States 1900 to 1929

Credit Hours 3

Description: Early 20th century America from the era of reform to the Stock Market Crash. Topics include the reform presidencies of Roosevelt and Wilson, American entry into World War I, Harlem Renaissance, cultural and economic challenges of the 1920s, and the Republican presidencies of the era.

HIST 4580 - United States 1929 to 1960

Credit Hours 3

Description: United States history from the onset of the Great Depression to the promise of a New Frontier; an examination of the New Deal-Fair Deal programs and legacies in American life, and the international issues which created World War II and its aftermaths; and the Cold War.

HIST 4590 - United States 1960 to 1989

Credit Hours 3

Description: United States history from the days of the New Frontier of John F. Kennedy to the New World Order of the Reagan-Bush years; from the politics of fear to the dividends of peace; an examination of the United States at war with itself and the world for more democracy at home and abroad.

HIST 4620 - The South to 1861

Credit Hours 3

Description: A synthesis of the economic, social, political, and cultural developments that shaped the history of southern states from the Colonial period after 1607 to the secession crisis of 1860-61.

HIST 4630 - The South Since 1861

Credit Hours 3

Description: The historic development of the South from 1861 to the present, from the trauma of Civil War and the First Reconstruction through the Second Reconstruction of the 1960s and the creation of the modern South.

HIST 4640 - The Black Atlantic

Credit Hours 3

Course Changes: Previously 3665

Cross Listed: HIST 5640;

Description: Students will study the lives and contributions of African and African-descended people in the Atlantic World, a sphere of interactions joining the Atlantic rim of West Africa, western Europe, and the eastern coasts of North and South America in the 16th-19th centuries.

HIST 4642 - War on Film

Credit Hours 3

Course Changes: Previously 4042

Cross Listed: HIST 5042;

Description: War has served as the subject of film since before the First World War. This class uses the film medium to examine war as a reflection of society's values and as a means of preserving the memory of war for future generations.

HIST 4650 - African American History to 1890

Credit Hours 3

Description: The African Americans from the cultural roots in Africa to the changing economic, political, social status in the 1890s. Emphasis will be placed on those African Americans who were active in leadership roles from the colonial era to the Gilded Age.

HIST 4652 - Slavery in World History

Credit Hours 3

Course Changes: Previously 3990

Cross Listed: HIST 5652;

Description: This course will highlight varying forms of slavery across the globe, from antiquity through present-day human trafficking. Students will investigate systems of unfree labor from the top down as well as from the vantage point of those held in bondage.

HIST 4655 - Black Women and Men at Work

Credit Hours 3

Course Changes: Previously 3990

Cross Listed: HIST 5655;

Description: This course explores the work lives of people of African descent from the 13th through the 21st century, including topics such as the Benin bronze craftsmen, Cuban sugar workers, American cooks, black entrepreneurs, and globalization.

HIST 4660 - African American History Since 1890

Credit Hours 3

Description: African Americans from 1890 to the present. Special emphasis placed on the civil rights movement, Black nationalism, and Black leadership during the era.

HIST 4665 - Civil Rights Movement

Credit Hours 3

Description: This course examines the beginnings of the Civil Rights Movement, traces the major actors and turning points, and ends with influence on the women's, LGBT, and American Indian movements.

HIST 4670 - Women in American History

Credit Hours 3

Description: The roles of women in the social, economic, and political development of the United States. Contributions of women and the historical significance of their attitudes in the liberal reform eras in American history.

HIST 4675 - Topics in American Religious History

Credit Hours 3

Description: Explores the historical antecedents, diverse nature, and centrality of religion in and upon American history across multiple historical eras.

HIST 4700 - American Military History to 1919

Credit Hours 3

Description: The development and employment in peace and war of American military power on land and at sea from the era of the American Revolution to the end of World War I.

HIST 4710 - American Military History Since 1919

Credit Hours 3

Description: The development and employment in peace and war of American military power on land, at sea, and in the air since World War I.

HIST 4720 - US Foreign Relations to 1890

Credit Hours 3

Description: An overview of American foreign relations to 1890. Topics include the origins of American foreign policy, Revolutionary diplomacy, Early National diplomacy, Civil War diplomacy, Gilded Age diplomacy and super-power foundations.

HIST 4730 - US Foreign Relations Since 1890

Credit Hours 3

Description: America's rise to the status of Great Power before World War II and global pre-eminence thereafter. Topics include colonialism, American involvement in World War I, interwar diplomacy, conflicts leading to World War II and the Cold War, Korea, and Vietnam.

HIST 4740 - The Rise of America as a Great Power: 1898-1945

Credit Hours 3

Description: A history of American military and foreign policy from the period 1898-1945. Emphasizing the major diplomatic and military events, including the Spanish-American War of 1898, World War I, and World War II. This course also examines how these conflicts impacted American society, culture and politics and U. S. interactions with other nations.

HIST 4750 - American Economic History

Credit Hours 3

Description: American economic growth since the early 19th century. Topics include the American System, textiles, railroads, and iron and steel in the last century. Since 1900, mass production and consumption, the economic stimulus of war, and the rise of the interventionist state are major topics.

HIST 4760 - Native American History

Credit Hours 3

Description: The history of the Native American societies of North America including their prehistory, development, and changing relationships and adaptation to white society over the past 400 years, role of Native Americans in American history, and Indian history from the tribal perspective. Case studies compare and contrast the Cherokee and Lakota experiences.

HIST 4770 - History of the American West: Comparative American Frontiers

Credit Hours 3

Description: Comparison and contrast among the Spanish Borderlands, French, Dutch, English, and American frontiers.

HIST 4780 - History of the American West: Trans-Mississippi West

Credit Hours 3

Description: The Trans-Mississippi West, including Native America, exploration, fur trade, hispano-Indian-white relations, western expansion, mining frontier, cattle frontier, military conquest of the Plains, violence, reservation life, women in the West, farming frontier, myth vs. reality and the 20th century west.

HIST 4790 - The Military Nontraditional Roles

Credit Hours 3

Description: This course addresses non-combat roles performed by the U.S. military. The occupation of Germany and Japan after WWII, state building, and peace-keeping missions around the globe will be evaluated. Democratization and cultural re-orientation through political, educational, cultural, and economic institutions.

HIST 4800 - Studies in Liberal Arts

Credit Hours 3

Description: A writing intensive course based on readings in the Liberal Arts. This is the capstone course for students majoring in Liberal Arts.

HIST 4810 - Introduction to Museums

Credit Hours 3 or 6

Variable Credit Hours 3 or 6

Prerequisite: HIST 2010

Description: This course will introduce students to the different types of museum and historical agencies. It will stress the basic functions of a museum: collections management, conservation, education, and exhibition. Visits to the museums included. Expenses borne by students.

HIST 4820 - The Vietnam War 1945-1975

Credit Hours 3

Description: This course is a history of the Vietnam conflict highlighting the United States' political, economic and military involvement. Special emphasis will be given to the diplomatic history of the war and the period of direct American military participation which occurred from 1965-1973.

HIST 4830 - Prisoners of War in American History

Credit Hours 3

Description: This course examines prisoner of war handling and treatment in American history from the colonial period to the present. The changing roles of international law, humanitarian treatment, and reciprocity will be studied. The course will incorporate U.S. social, diplomatic, and military history to understand the changing norm in prisoner treatment.

HIST 4840 - The Cold War

Credit Hours 3

Description: A history of the origins and evolution of the Cold War from 1945 to 1991. Emphasizing the major diplomatic and military events, the course also examines the conflict's impact on American society, culture and politics and how it affected the U. S. and its interactions with other nations around the world.

HIST 4850 - African Americans in the Military

Credit Hours 3

Description: This course surveys the contributions and roles of African Americans in American military history from the Revolutionary War to the present.

HIST 4900 - Topics in History

Credit Hours 3

Prerequisite: Junior standing or permission of instructor

Description: This seminar addresses a specific historical topic, determined by the instructor, involving advanced readings, discussion, and research. The student will complete a thesis, using primary and secondary sources or historiographic paper, engaging two or more historians on the topic. This course may be taken twice for credit for a maximum of six (6) hours.

HIST 4910 - History Abroad

Credit Hours 3 to 6

Variable Credit Hours 3 to 6

Prerequisite: Junior standing or permission of instructor

Description: This course involves temporary residence outside the US to study an historical topic in its geographic context. Students will complete a research using primary and secondary sources or historiographic paper engaging two or more historians on the same topic.

HIST 4920 - Oral History

Credit Hours 3 to 6

Variable Credit Hours 3 to 6

Prerequisite: Junior standing or permission of instructor

Description: Theory and practice of oral history as a technique of research. Students will use primary sources and interviews to study a topic determined by the instructor. Students will complete a paper extensively using and interpreting oral history sources.

HIST 4930 - Historiography Credit

Credit Hours 3

Prerequisite: Junior standing or permission of instructor

Description: This seminar is a study of the history and problems of historical writing and interpretation. Typical topics might include romantic history, ancient historians, Scientific Historicism, or current models and interpretations. Students will complete at least one paper engaging two or more historians' styles or arguments on the same topic.

HIST 4940 - Public History

Credit Hours 3 to 6

Variable Credit Hours 3 to 6

Prerequisite: Junior standing or permission of instructor

Description: This seminar/internship introduces students to theory and methods of public history. Topics could include archives

and records management, historical preservation and interpretation of site and artifacts, editing and publishing. Students will complete a public history project satisfactory to the instructor and useful to the institutions to which the students are assigned.

HIST 4950 - Teaching Social Studies Secondary Schools

Credit Hours 3

Prerequisite: Transition 2

Description: Emphasis on developing skills in unit development; lesson planning and modification for diverse English Language learners; individualized instruction; questioning and formal discussions; teaching critical thinking, reading in Social Studies, and affective strategies; formative and summative assessment; and classroom management. Fifteen (15) hours field experience is required.

HIST 4999 - Senior Capstone

Credit Hours 3

Prerequisite: Senior standing

Description: Designed to combine all the skills students have learned as a history major. Students will produce a major research project, ideally a publishable article.

Honors

HON 300A - Interdisciplinary Studies II

Credit Hours 3

Prerequisite: HON 1045

Description: Continuation of interdisciplinary study at an intermediate level. Topics will vary. The number of credit hours will be determined by the instructor but will be no less than one and no more than four.

HON 1000 - University Success

Credit Hours 1

Description: An introduction to university life in its many facets, including but not confined to, critical reading skills, deep familiarity with library resources, a broad familiarity with the various departments (academic and administrative) of the university, expectations and responsibilities of university life, the history of Austin Peay State University.

HON 1010 - Language and Problems of Modern Culture

Credit Hours 3

Description: An exploration of language as it operates within society including the science and across academic disciplines, with special attention to semantics and usage. Communication skills developed through constant composition and discussion.

HON 1045 - Foundations of Interdisciplinary Thinking

Credit Hours 3

Description: This course provides incoming freshmen in the Honors Program an introduction to college level reading and writing. Topics will vary according to the department and instructor, but all will be interdisciplinary and closely focused on a theme. Each incoming Honors freshman is required to take an Honors seminar during the fall term.

HON 2010 - Roots of Western Culture

Credit Hours 3

Description: An exploration of the ancient worlds of the Hebrews, Greeks, Romans, and others who have influenced the way we think about politics, philosophy, art, and education.

HON 2110 - Critical Thinking

Credit Hours 3

Description: This course presents the principles of critical thinking and formal argumentation such as understanding how to frame questions, how to discuss various branches of philosophical inquiry, exploration of logical fallacies, deductive and inductive arguments, and the application of such arguments in a paper.

HON 2220 - Cultural Conversations

Credit Hours 3

Description: Exploration of the idea and reality of various cultures. Examples include addressing differences among people through literature, media reports, film, music, or art. Students will learn how to respond to differences among cultures rationally rather than emotionally. This course is largely discussion based.

HON 2510 - The Ethnography of Work

Credit Hours 3

Description: This course explores the history, contemporary meanings and transformations of work and employment through an interdisciplinary social science lens. Relying on ethnographic accounts of work, students will examine working conditions and jobs in the United States and beyond, with a critical focus on how globalization shapes labor markets. Major course themes include cultural meanings of work, theories of work and employment and how social attributes like race, class and gender shape our experience of work and opportunity. Comprehension of current trends, pathways to employment and the organization of work empowers students to better navigate jobs markets and the role of work in their own lives.

HON 2520 - Community Communication and Servant Leadership

Credit Hours 3

Description: An Honors Service Learning course to enhance public speaking skills while exploring leadership interests for community service. Students will apply public speaking principles and techniques with emphasis on informative and persuasive

speeches. The class combines the speech communication process with use of outlining, research visual aids, and audience analysis.

HON 4000 - Senior Honors Capstone Seminar

Credit Hours 3

Description: An interdisciplinary synthesizing seminar.

HON 4050 - Honors Thesis/Project

Credit Hours 3

Description: Students in the Honors Program may write a thesis, complete a project, or perform a set of recitals to satisfy requirements for graduating from the Honors Program. Students work with faculty on projects chosen by the student and faculty member in consultation with the Director of the Honors Program.

HON 4400 - Interdisciplinary Studies III

Credit Hours 1 to 4

Variable Credit Hours 1 to 4

Prerequisite: HON 1045

Description: Continuation of applying the principles of interdisciplinary study to a broad range of topics at an advanced level.

HON 4510 - Honors Internship

Credit Hours 1 to 12

Variable Credit Hours 1 to 12

Description: Students will complete an internship either on or off campus.

Hospitality

HOSP 3010 - Principles of Hospitality and Tourism Management

Credit Hours 3

Prerequisite: BB 1

Description: This course is an overview of the hospitality industry, which is composed of lodging, food and beverage, transportation, retail outlets, special events, casinos, and country clubs. This course presents the history, organization, opportunities and challenges that exist in the many careers that make up the dynamic world of hospitality.

HOSP 3800 - Hospitality Administration Strategies

Credit Hours 3

Prerequisite: BB 1

Description: This course surveys the administrative strategies of the hospitality and tourism industry. Students will examine the operations of lodging and dining facilities. The course examines career opportunities, organizational structures, and history of the industry. Readings, cases, examples, and discussions help students relate theory to the practice of hospitality administration.

HOSP 3810 - Information Technology in Hospitality

Credit Hours 3

Prerequisite: BB 1

Description: This course prepares students to maintain, analyze and utilize business documents and data related to hospitality management organizations. Readings, cases, examples, and discussions help students relate theory to the practice of hospitality administration.

HOSP 3820 - Hospitality Buildings and Facilities

Credit Hours 3

Prerequisite: BB 1

Description: This course prepares students to administer and maintain a building or site. It introduces concepts of site operations and maintenance technology, management of people and the administration of real estate and construction projects.

HOSP 3830 - Lodging Management

Credit Hours 3

Prerequisite: BB 1

Pre/Corequisite HOSP 3010

Description: This course examines the organization, management and operating procedures of lodging facilities. Guest-employee interactions will be examined along with current trends and cutting edge topics in the lodging industry. A history of the lodging industry will be discussed.

HOSP 3840 - Restaurant Management

Credit Hours 3

Prerequisite: BB 1

Description: This course provides students with insights into commercial and institutional food and beverage facilities management. Topics include menu development, effective cost control in purchasing, pricing, labor, and service technique.

HOSP 3850 - Hospitality and Tourism Marketing

Credit Hours 3

Prerequisite: BB 1

Description: This course prepares students to implement operational sales and marketing techniques in various hospitality administration settings, including tourism destinations. Readings, cases, examples, and discussions help students understand the unique concepts in promoting businesses operating in the hospitality industry.

HOSP 3860 - Introduction to Tourism Management

Credit Hours 3

Prerequisite: BB 1

Pre/Corequisite HOSP 3010

Description: This is an introduction to tourism management using a system approach that integrates a variety of hospitality and travel organizations and businesses. The course focuses on the understanding of tourism from the perspectives of travelers and destinations, while identifying tourism's economic, socio-cultural, and environmental impacts on communities.

HOSP 4830 - Hospitality Revenue Cycles

Credit Hours 3

Description: This course surveys strategies and techniques used to maximize revenues in the hospitality and tourism industry. Readings, cases, examples, and discussions help students relate theory to the practice of hospitality administration.

HOSP 4880 - Internship in Hospitality Industry

Credit Hours 3

Prerequisite: **BB 1**

Description: This is a work/study course in which students work at a site in the hospitality industry. Students will gain valuable insights into the administrative operations of a restaurant, hotel, tourist attraction, sports facility, convention center, etc., by participating in practical on-the-job experiences in their field of interest. All students in the Hospitality Administration concentration will enroll in this course during their senior year.

HOSP 4990 - Hospitality Capstone

Credit Hours 3

Prerequisite: BB 1 and HOSP 3010

Description: Provides students with an overview of all major areas that must be considered when analyzing, designing and planning a new business venture. Emphasis will be on strategic planning, design of systems, models and problem analysis, leading to the opening of a successful hospitality or tourism business.

International Studies

INTS 2000 - Introduction International Studies

Credit Hours

Description: An emphasis on different disciplines and their global influences. Students will learn how to prepare themselves for understanding challenges and establishing international connections for their future professional and career opportunities.

INTS 3000 - Study Abroad

Credit Hours

Variable Credit Hours 18

Description: Provide appropriate credit for students studying full-time abroad under the supervision of qualified faculty.

Japanese

JAPN 1010 - Elementary Japanese I

Credit Hours 3

Description: Introduction to Japanese language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening.

JAPN 1020 - Elementary Japanese II

Credit Hours 3

Prerequisite: JAPN 1010 or instructor approval

Description: Introduction to Japanese language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening.

JAPN 2010 - Intermediate Japanese I

Credit Hours 3

Prerequisite: JAPN 1020 or equivalent

Description: A comprehensive review of Japanese along with extensive reading, close textual examination, and discussion of representative works of Japanese literature.

JAPN 2020 - Intermediate Japanese II

Credit Hours 3

Prerequisite: JAPN 2010 or equivalent

Description: A comprehensive review of Japanese along with extensive reading, close textual examination, and discussion of representative works of Japanese literature.

JAPN 3000 - Study Abroad Japan

Credit Hours 1

Variable Credit Hours 3-12

Prerequisite: JAPN 1010 or permission of the campus representative

Description: A study program designed to provide students with a total Japanese-speaking environment which will allow a broadening of knowledge and appreciation of the Japanese language and culture. APSU credit may range from three to twelve credit hours as determined by the student's admission into programs by Japanese host universities.

Korean

KOR 1010 - Elementary Korean I

Credit Hours 3

Description: Introduction to Korean language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening.

KOR 1020 - Elementary Korean II

Credit Hours 3

Prerequisite: KOR 1010 or permission of instructor

Description: Second semester of introduction to Korean language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening.

KOR 2010 - Intermediate Korean I

Credit Hours 3

Prerequisite: KOR 1020 or equivalent 2 years of Korean in high school.

Description: A comprehensive review of Korean along with reading, communicative exercises and discussions of texts and other media covering personal topics and topics of current interest. Emphasis is on the development and mastery of sentence structures necessary for daily reading and conversation in a Korean environment.

KOR 2020 - Intermediate Korean II

Credit Hours 3

Prerequisite: KOR 2010

Description: A comprehensive review of Korean along with extensive reading, communicative exercises and discussions of longer passages of texts and other media covering more complex topics of Korean culture.

Emphasis is on the development and mastery of sentence structures necessary for daily interactions in a Korean-speaking environment.

Latin

LATN 1010 - Introductory Latin I

Credit Hours 3

Description: An introduction, with cultural context, to the sounds and structures of the language with emphasis on the written; in second semester, greater stress on grammar, expanded vocabulary, and translation skills, both oral and written.

LATN 1020 - Introductory Latin II

Credit Hours 3

Prerequisite: LATN 1010

Description: An introduction, with cultural context, to the sounds and structures of the language with emphasis on the written; in second semester, greater stress on grammar, expanded vocabulary, and translation skills, both oral and written.

LATN 2010 - Intermediate Latin I

Credit Hours 3

Prerequisite: LATN 1020

Description: Study of Latin from any period with emphasis on increasing mastery of grammar and vocabulary and readings of prose and/or poetry texts from authors in any genre.

LATN 2020 - Intermediate Latin II

Credit Hours 3

Prerequisite: LATN 2010

Description: Further study of Latin authors with emphasis on increasing mastery of grammar and vocabulary. Readings from Vergil's Aeneid or any other appropriate text from any period or genre.

LATN 2999 - Selected Readings in Latin Authors

Credit Hours 3

Prerequisite: LATN 1020

Description: Selected readings in Latin prose or poetry, to be determined by the instructor. Students will read substantial selections from authors such as Caesar, Vergil, Livy, Cicero, and Ovid.

LATN 3999 - Readings in Latin Authors

Credit Hours 3

Variable Credit Hours 3

Prerequisite: LATN 2020 or permission of instructor.

Description: Selected readings in Latin prose or poetry, to be determined by the instructor. Students will read substantial selections from authors such as Caesar, Vergil, Livy, Cicero, and Ovid.

LATN 4900 - Independent Study in Latin

Credit Hours 3

Prerequisite: Permission of instructor

Description: Students study independently in Latin under instructor's guidance. Studies are planned to satisfy special individual needs and interests. May be repeated for up to a total of 12 hours.

Leadership Science

LDSP 2100 - Foundations of Leadership Science

Credit Hours 3

Description: This course examines basic concepts of leadership that are grounded in the social and behavioral sciences. Topics covered include leader emergence, leader behaviors and ethics, leader characteristics and individual differences, cross-cultural leadership, leading diverse teams, substitutes for leadership, followership, decision-making, and measurement/methods for studying leadership.

LDSP 3100 - Organizational Dynamics

Credit Hours 3

Description: This course addresses individual and collective human behavior in organizational settings with particular emphasis on the implications for leading individuals and work units. Theory and practice related to such topics as employee attitudes, workplace motivation, engagement, decision making, teams, and group processes, organizational culture and change, leadership and power, workplace stress, and multi-cultural differences at work are explored.

LDSP 3110 - Innovation and Creativity

Credit Hours 3

Description: Leadership can facilitate or inhibit change, creativity and innovation. Circumstances can require balancing competing interests including organizations, people, culture, and technology. This course explores the role of leadership in advancing and applying innovation.

LDSP 3120 - Developing Leaders in Organizations

Credit Hours 3

Description: This course focuses on the process and structure of developing others as leaders. Topics include learning theory, models of training and development, mentorship, and the structuring experiences for leadership development.

LDSP 3130 - Judgment and Decision Making**Credit Hours**

Description: Description: Course explores decision-making and problem-solving at the individual and group (organizational level). Contrasting viewpoints and approaches to decision-making and problem-solving are examined via readings and cases. Topics covered include decision ethics, impact on stakeholders and framing.

LDSP 3140 - Leadership as Social Influence**Credit Hours**

Description: Examines leadership as a process in which leaders influence others for the common good through the use of a variety of tactics and strategies. Topics include impression negotiation, impression management, self-presentation processes, framing, attitude formation, groupthink, self-monitoring, self and collective identity, interpersonal influence, persuasion, followership, power, and organizational politics.

LDSP 3150 - Leadership and Power**Credit Hours 3**

Description: Examines the basic concepts and uses of leadership power and influence in the organization. Topics include the use, misuse, creation, and dispersion of power, ethical implications in the use of power and influence, and the interplay of power and related ideas including critical thinking.

LDSP 3200 - Community Leadership, Strategy, and Social Change**Credit Hours**

Description: This course (open to all APSU students) explores basic concepts of strategic leadership in civic and social organizations. Topics include social and civic entrepreneurship, civil society, community visioning and grass roots strategic planning. Course participants will pursue strategies for building healthy and sustainable communities through asset building, collaboration, social capital development, fundraising, and grant writing.

LDSP 4001 - Great Leaders**Credit Hours**

Description: Studies of biographies of models of greatness will help students discover the characteristics of individuals which contributed to their outstanding accomplishments. Students will draw implications from these studies about their own abilities and skills.

LDSP 4200 - Leadership, Technology, and Change

Credit Hours 3

Description: The course addresses leading technology-based operations and the use of technology as an agent of change. Students study technology itself and how it shapes organizations and environments, and they explore strategies for leading diverse groups through technological change.

LDSP 4300 - Followership in Organizations**Credit Hours 3**

Description: Leadership cannot exist without followers. This course will address the subject of organizational followership and how understanding followers is a critical component of successful leadership. Topics include defining followership and various follower typologies and addressing various theoretical approaches that seek to explain the actions of followers and the interplay between followers and leaders. This course will also explore such related topics as employee voice and whistle blowing.

LDSP 4610 - Emerging Issues in Leadership**Credit Hours**

Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4700 - Emerging Issues in Leadership**Credit Hours 1 to 9****Variable Credit Hours 1 to 9**

Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4810 - Leadership Capstone - Experiential Emphasis**Credit Hours**

Prerequisite: LDSP 4980

Description: Course ties together key ideas from the study of leadership. A major component of this course will be the application of leadership theories. Experiential learning will be a primary teaching tool for the course.

LDSP 4820 - Leadership Capstone - Investigative Emphasis**Credit Hours**

Prerequisite: LDSP 4980

Description: Course ties together key ideas from the study of leadership. A major component of this course will be the investigation of leadership concepts and practice. Research-infused learning will be a primary teaching tool for the course.

LDSP 4980 - Leadership Philosophies**Credit Hours 3**

Description: The course addresses historic and contemporary theories of leadership and how knowledge of leadership theory can inform the development of a personal leadership philosophy. Prominent leadership theories and models will be covered including, but not limited to transformational leadership, leader-member exchange theory, the social identity theory of leadership, authentic leadership, and servant leadership. It is recommended students complete LDSP before enrolling in LDSP 4980.

Leadership Studies

LDEV 2000 - Ethics in Leadership

Credit Hours 1

Description: From Plato to the present, it has been argued that good leaders are good persons/individuals of good character who are able to apply sound reasoning to issues of private and public morality. Topics included will be ethical issues confronted by great leaders, the principles used in their decision-making, and application of ethical principles to community situations.

LDEV 3001 - Leadership Issues I

Credit Hours 1

Description: Students will choose a community mentor and meet with the mentor on a regular basis. Students will spend at least 20 hours with their mentor addressing practical application of leadership concepts. Readings related to the topic will be required.

LDEV 3002 - Leadership Issues II

Credit Hours 1

Description: Continuation of LDEV 3001

LDEV 3200 - Community, Leadership, Strategy and Social Change

Credit Hours 3

Description: This course (open to all APSU students) explores basic concepts of strategic leadership in civic and social organizations. Topics include social and civic entrepreneurship, civil society, community visioning and grass roots strategic planning. Course participants will pursue strategies for building healthy and sustainable communities through asset building, collaboration, social capital development, fundraising, and grant writing.

LDEV 4000 - Internship

Credit Hours

Prerequisite: Appropriate preparation courses and permission of the director.

Description: Students will complete 100 clock hours of supervised work in an approved setting and will be expected to meet at regular intervals with the Director to discuss work in the field. Application for internship should be made with the Director the semester prior to planned enrollment.

LDEV 4001 - Great Leaders

Credit Hours

Description: Studies of biographies of models of greatness will help students discover the characteristics of individuals which

contributed to their outstanding accomplishments. Students will draw implications from these studies about their own abilities and skills.

LDSP 2010 - Introduction to Organizational Management

Credit Hours 3

Description: This is an introductory course covering the main elements of organizational business management. Topics will include basic terms and management concepts, accounting principles, marketing, general business, and production/logistics concepts. Topical assignments, discussion topics/interaction, case studies, and research projects will be implemented.

LDSP 3010 - Management in Organizations

Credit Hours 3

Description: This is a survey course of the field of management and its role within complex organizations. Key elements of management theory and practice to be covered include planning, organizing, controlling and leading in organizations.

LDSP 3030 - Organizational Team Building

Credit Hours 3

Description: Using theoretical principles of adult learning and group dynamics, this course introduces students to the skills required to effectively manage team processes. Students learn how to use project teams, select team members, lead effective meetings, and work through team problems.

LDSP 3050 - Cultural Diversity in Organizations

Credit Hours 3

Description: Theoretical and practical approaches to the complexities of issues of diversity will be examined by reviewing typical values, habits, interactions, and concerns of different cultural groups in the workplace. Students will identify and practice strategies to overcome barriers and conflict in the workplace.

LDSP 3060 - Organizational Ethics

Credit Hours 3

Description: Discussion of ethical issues, the development of a moral frame of reference and the need for an awareness of social justice in management practices and business activities. Review of ethical responsibilities and relationships between organizational departments, divisions, executive management and the public.

LDSP 3070 - Professional Development

Credit Hours 3

Description: Emphasis on career analysis and acquisition, time management, listening skills, oral and nonverbal communication competencies, participative management responsibilities, interpersonal skills, multicultural awareness, and leadership strategies.

Participation in professional and community service organizations and professional development opportunities will be encouraged.

LDSP 3090 - Survey of the Legal Process

Credit Hours 3

Description: Provides a basic background in the United States legal process for students who want only an overview of the process or who plan to take additional courses in the legal field. The course will survey the history of the common law, legal reasoning, basic terminology, legal research, and the legal profession, and provide an introduction to civil and criminal process.

LDSP 3240 - Financial Measurement, Analysis, and Reporting

Credit Hours 3

Description: This course develops the basic concepts and procedures underlying corporate financial statements and introduces tools for analyzing profitability and risk. Students will explore the impact of the alternatives available within generally accepted accounting principles on financial statements, especially in terms of management's financial reporting strategy.

LDSP 3500 - Methods of Performance and Productivity

Credit Hours 3

Description: This course is designed to expose students to fundamental theories of organizational performance measurement, such as Management by Objectives and Total Quality Management. In addition, the course will train managers in the use of these techniques for the purpose of improving the overall management and operation of organizations.

LDSP 3520 - Industrial Fraud

Credit Hours 3

Description: The course provides an overview of the methodology of fraud examination which involves obtaining documentary evidence, interviewing witnesses and potential suspects, writing investigative strategies to determine why and how occupational fraud is committed. Students will analyze human behaviors that are difficult to identify and quantify such as greed, deception, and cheating can be deterred, investigated, and prosecuted.

LDSP 3600 - Organizational Marketing

Credit Hours 3

Description: This is a survey course of the field of marketing and its role within an organization. Examines marketing concepts, terms, and management. Includes the areas of product development, distribution, promotion and place.

LDSP 3620 - Professional and Public Relations

Credit Hours 3

Description: This course surveys the basic concepts, strategies, and tactics practiced in professional and public relations. Students learn how an organization's core values are reflected and affected in building ethical, productive relationships with

strategic constituencies. Real-world examples of both successful and unsuccessful PR approaches are critically examined. Readings, cases, examples, discussions and exercises help students relate theory to the actual practice of professional and public relations.

LDSP 3760 - Research Methods in Leadership Science

Credit Hours 3

Description: An introduction and application of research methods and theories appropriate to Leadership Science. The course will include a practical exposure to various processes of a research project such as Problem Statements, Literature Reviews, Research Proposals, and Organization of the Research report. Quantitative and Qualitative Research methodologies will be briefly covered.

LDSP 4020 - Written Professional Communication

Credit Hours 3

Prerequisite: ENGL 1010, 1020;

Description: Communication theory applied to the professions with emphasis on effective writing. Practices and mechanics of researching, writing, and editing reports, proposals, procedures/policies, and typical business-related correspondence will be included. Students will be exposed to information technology, ethics in writing an intercultural communications.

LDSP 4220 - White Collar Crime

Credit Hours 3

Description: An examination of the nature and extent of white collar crime to include the concepts, trends, theoretical explanations, the methods and mechanics of social control used by society and the criminal justice system in this context.

LDSP 4400 - Strategic Leadership and Planning

Credit Hours 3

Description: Course explores strategic thinking, vision, and alignment to facilitate organizational success. Topics include organizational and environmental review, defining vision, and creation of action plans to achieve goals.

LDSP 4600 - Project Management

Credit Hours 3

Description: This course presents students with an overview of project management environments with an emphasis on the basic building blocks of selection, planning, managing, and closing out projects. The use of technology as a management tool will be explored in some detail as well. Students are encouraged to take this course toward the end of their program.

LDSP 4800 - Organizational Training and Development

Credit Hours 3

Description: Investigates theories of learning and instructional development for the education and training of employees. Topics

to include instructional design, implementation, evaluation, and management of training in organizational environments. Trends and careers in training and development and the role of training as a technology implementation strategy, and the trainer as a change agent are emphasized.

LDSP 4900 - Internship in Leadership and Organizational Administration

Credit Hours 1-3

Variable Credit Hours 1-3

Description: Professional unpaid work experience in preparation for employment related to the Leadership and Organizational Administration major. A formal written report documenting experiences, a detailed daily log, and supervisory evaluation is required. Regularly scheduled meetings with supervising faculty member will be required.

Library

LIBR 2001 - Empowering Information Seekers in the Digital Age

Credit Hours 3

Description: This course is designed to introduce students to strategies and skills needed to become savvy information consumers and creators by exploring the multifaceted nature of information in the digital age. Students will develop a deeper understanding of how to identify, evaluate, and ethically use information from a wide range of sources, including databases, scholarly journals, websites, and social media platforms. This course will also explore the ethical and legal considerations related to information use, including copyright, plagiarism, and privacy issues. There are no prerequisites for this course and all majors are encouraged to enroll.

LIBR 2400 - Ethical and Responsible Use of AI and Machine Learning

Credit Hours 3

Variable Credit Hours 3

Description: This course aims to educate students on the ethical and responsible use of Artificial Intelligence (AI), Machine Learning (ML), and Large Language Models. The course does not focus on the technical aspects of creating these models, but aims to provide a comprehensive understanding of what these technologies are, how they work, and the ethical considerations involved in their use. Topics covered include but are not limited to: algorithmic bias, data privacy, social impact, legal implications, and ethical frameworks for AI.

Linguistics

LING 2020 - Dialects in English

Credit Hours 3

Description: Whether y'all drink pops or sodas, or reckon that indubitably is an every-day word, the way we speak reveals an awful lot about us: our home base, educational background, social affiliations, and much more! This course explores such details in English varieties spoken across the globe and represented in popular media.

LING 3030 - International Learning Community

Credit Hours 1

Prerequisite: Students must be housed in the International Learning Community Residence Hall

Description: Students will engage in cross-cultural and linguistic activities with other students in the classroom. Activities are related to language learning, study abroad and other international experiences. Pass/Fail grading. May be repeated for credit.

LING 4010 - History of the English Language

Credit Hours 3

Prerequisite: ENGL 2330

Description: Study of the origins and historical development of the English language, including internal (sounds, syntax, inflections, vocabulary, semantics) and external (political, social, cultural, intellectual, language contact) forces that helped shape the course of development at different periods.

LING 4020 - History of American English

Credit Hours 3

Prerequisite: ENGL 2330

Description: Study of the history and development of American English from the early colonial period to the present day. Attention will also be given to geographical dialects, social and ethnic dialects, variation within individual speakers, and attitudes about varieties of American English.

LING 4030 - Introduction to Historical Linguistics

Credit Hours 3

Prerequisite: LING 4040

Description: Study of how and why languages change over time, particularly changes in phonology, morphology, syntax, semantics. Introduction to methods used to investigate these changes, particularly the comparative method and internal reconstruction. Additional topics: effects of language contact; genetic/genealogical and internal reconstruction. Additional topics: effects of language contact; genetic/genealogical classification of languages; insights historical linguistics brings to understanding prehistory.

LING 4040 - How Language Works

Credit Hours 3

Prerequisite: ENGL 2330

Description: Introduction to how language works with emphasis on phonetics, phonology, morphology, syntax, and semantics, including consideration of their application to the teaching of English. Additional topics include phonemic transcription, word formation strategies, language and the brain, language acquisition, language variation, and language change.

LING 4041 - How Words Work

Credit Hours 3

Description: This class is about morphology, the field of linguistics that examines how words are broken down into smaller, meaningful parts. Each part has its own history, sometimes with surprising cultural and geographic origins.

LING 4042 - How Sound Works

Credit Hours 3

Description: Ever wonder why a word like *sandwich* might be pronounced *samwich*, *sammich*, or *sangwich*? Phonology is the field of linguistics that answers those questions by looking at sound systems in a scientific way.

LING 4050 - English Grammar and Usage

Credit Hours 3

Prerequisite: ENGL 1010, 1020, 2330

Description: Study of the major syntactic structures of standard English, the function of syntactic structures, terminology, and the basic techniques of syntactic analysis. Attention is also given to usage issues associated with prescriptive contemporary grammar in both speech and writing.

LING 4060 - Survey of Early Germanic Languages

Credit Hours 3

Prerequisite: ENGL 2330

Description: Introduction to characteristic linguistic features of Gothic, Old Norse, Old Saxon, Old English, Old Frisian, Old Low Franconian, Old High German; examination of relationships between members of the early Germanic language family; overview of cultural/historical backgrounds of speakers of these early languages.

LING 4070 - Language, Culture and Identity

Credit Hours 3

Prerequisite: LING 4040

Description: Students will analyze language based on its social functions-how it lets us organize our society and ourselves. Students will focus on the construction of cultural identities and the way people use language to position themselves as members of various groups by enacting their 'own' identity and that of 'others.'

LING 4080 - Theories in Second Language Acquisition

Credit Hours 3

Dual Listed: LING 506H-Theory in Second Language Acquisition

Prerequisite: LING 4040

Description: This course is an introduction to the field of Second Language Acquisition (SLA). There will be a primary focus

on the theories used in SLA. Students will also compare first and second language acquisition as well as examine some SLA theories used by applied linguists to promote acquisition.

LING 4400 - Teaching Foreign Languages in Secondary School

Credit Hours 3

Prerequisite: ENGL 1010, 1020, 2330

Description: Surveys research-based instructional strategies in secondary foreign language education including contextualizing language instruction, addressing and assessing standards-based language instruction, integrating culture and technology, developing oral and written interpersonal communication, and adapting instruction to diverse learners. This course requires 5 weeks in Residency I with specific performance assessment requirements.

LING 4510 - Capstone Seminar in Foreign Languages

Credit Hours 1

Prerequisite: FREN 2020 or SPAN 2020 or GERM 2020 or LATN 2020 or GREK 2020

Description: The capstone course is needed for all foreign language majors, including those seeking licensure, so that they might polish their skills in reading, writing, speaking, and listening in the target language. Students will review their studies, and select and edit written coursework for a portfolio.

LING 4600 - Special Topics in Linguistics

Credit Hours

Variable Credit Hours 3

Description: Study of a selected topic in linguistics as determined by the instructor. May be taken twice for credit for maximum of six hours.

LING 4700 - Linguist Project

Credit Hours 1-2

Variable Credit Hours 1-2

Description: This course is designated as an independent study in linguistics. You may take this course, with instructor approval, to pursue your own investigation of linguistic subject matter.

Management

BUS 3250 - Business Study Abroad

Credit Hours 3

Description: This course will provide students in the College of Business with real world international experience in business. Students will study abroad under the supervision of qualified faculty and will experience the challenges, opportunities, and differences of businesses internationally.

MGT 440I - Management Internship

Credit Hours 1 to 6

Variable Credit Hours 1 to 6

Prerequisite: BB 1, GPA of 3.0, and permission of Internship Coordinator

Description: Designed to provide academic credit for relevant and meaningful experience in preparation for management positions. Weekly updates, term paper, and satisfactory evaluation by employer/supervisor required for credit. Grading on a pass/fail basis.

MGT 1100 - Computers In Business

Credit Hours 3

Description: An introduction to the use of computers in business. Course highlights computer hardware, software, and concepts and stresses the use of computer systems to solve business problems. Course provides hands-on experience with microcomputer systems and business software.

MGT 1110 - Introduction to Business

Credit Hours 3

Description: Business environment, economics and legal foundations of business, human resources, marketing operations, and financial functions of domestic and global business.

MGT 1200 - Business Information Technology

Credit Hours 3

Description: Use of computers to solve business problems and hands-on experience with computer hardware and system and analytical software applications.

MGT 2010 - Principles of Management and Organizational Behavior

Credit Hours 3

Description: The basic concepts and principles of management and organizational behavior are considered. Within the framework of planning, organizing, leading, and controlling, human aspects of management are explored. Some of these aspects are interpersonal relations, group dynamics, power and conflict, motivation, leadership, corporate culture and organizational change.

MGT 3001 - Technology for Business

Credit Hours 1

Prerequisite: BB 1

Description: Introduces the business student to the technology required for success in business. Focus will be on the application of spreadsheets, databases, and other technologies used in business.

MGT 3002 - Ethics and Diversity in Business

Credit Hours 1

Prerequisite: BB 1

Description: This course will emphasize the individual as decision-maker and focus upon ethical issues and dilemmas facing managers in business organizations. The specific objectives of the course are to raise students' general awareness of ethical dilemmas at work, to place ethical issues within a management context subject to analysis and decision-making action, and to enhance and improve the ability of students to reason toward a satisfactory resolution of an ethical dilemma.

MGT 3100 - Management Information System

Credit Hours 3

Prerequisite: BB 1

Description: The course focuses on the management and effective use of information resources by organizations and individuals in support of decision-making. Topics include data communications, system specification and purchase, system development and documentation, and the effects of technological change on individuals and organizations.

MGT 3110 - Organization Behavior and Theory

Credit Hours 3

Prerequisite: BB 1, MGT 2010

Description: An analysis of individual, interpersonal, and group behavior within organizations, as well as the interplay of human, technological, structural, cultural, and environmental factors for the purpose of relating them to the practice of management.

MGT 3200 - Global Business

Credit Hours 3

Prerequisite: BB 1

Description: Introduces the history of international business, economic theories of trade, an analysis of the international general environment, the global monetary system, and international organizations.

MGT 3210 - Human Resource Management

Credit Hours 3

Prerequisite: MGT 2010 , BB 1

Description: The staffing function of the organization, including the processes and legal issues of recruitment, selection, training, development, compensation, safety, health, performance appraisal, and retention of personnel.

MGT 3211 - Applied Database Management

Credit Hours 3

Prerequisite: MGT 3100

Description: Essentials of applied database management. Topics include data analysis applications, data ethics, and practical entry-level programming skills that enable collecting, storing, retrieving, organizing, managing, and presenting data effectively.

MGT 3215 - Cloud Foundations

Credit Hours 3

Prerequisite: MGT 3100

Description: An introduction of cloud computing concepts. Topics include infrastructure, architecture, security, networking, content delivery, elasticity, and economics will be covered.

MGT 3220 - Employment Law

Credit Hours 3

Prerequisite: BB 1

Description: This course is designed to provide practical information in the area of employment law as it relates to human resources in organizations. To that end, various cases based on actual organizational situations will be examined and the case law utilized to determine actions required of the organization.

MGT 3225 - Cybersecurity in the Cloud

Credit Hours 3

Prerequisite: MGT 3100 and MGT 3215

Description: Cybersecurity principles and services for cloud computing. Topics include security design principles, shared responsibility model, identity access management, infrastructure security, data protection, monitoring, and security incidents management.

MGT 3230 - Staffing Organizations

Credit Hours 3

Prerequisite: BB 1; MGT 3210

Description: This course is designed to provide an introduction to the design, execution, and evaluation of HR staffing systems. The main focus of this course is on recommended staffing practices; importantly, this course will also examine the challenges and controversies that accompany these recommendations.

MGT 3235 - The Role of Artificial Intelligence in Business

Credit Hours 3

Prerequisite: MGT 3100

Description: Introduction to Artificial intelligence in Business. Topics include machine learning, pattern recognition, computer vision, neural networks, robotics, natural language processing, and the future of work.

MGT 3240 - Diversity in Organizations

Credit Hours 3

Prerequisite: Junior Standing

Description: This course considers issues of human diversity broadly defined to include race, ethnicity, culture, nationality, religion, sexual orientation, gender identity, and ability. This course aids in understanding the complexities of diversity and cultural differences, increasingly important components for success in organizations. It examines the elements of managing and understanding diversity in foreign environments where culture differences are the norm for international business. This course looks at diversity at home and abroad in an attempt to better understand, appreciate, and value the variety of differences. Addresses institutional and personal discrimination, stereotyping and prejudice.

MGT 3245 - Compensation and Benefits

Credit Hours 3

Prerequisite: Admission requirements to BBA degree and MGT 3210

Description: This course is a study of the total reward system. Topics examined include job content and context factors, job evaluation, wage surveys, wage and salary administration, incentives and non-cash benefits, and performance appraisals. Emphasis is on developing and maintaining an adequate and equitable compensation system for all employees. This includes benefits such as health benefits, pension plans, and government-required benefits.

MGT 3250 - Business Study Abroad

Credit Hours

Prerequisite: BB 1 and permission of instructor

Description: This course will provide students in the College of Business with real world international experience in business. Students will study abroad under the supervision of qualified faculty and will experience the challenges, opportunities, and differences of businesses internationally.

MGT 3270 - Negotiating and Conflict Resolution

Credit Hours 3

Prerequisite: Junior Standing

Description: This course will enhance individual effectiveness in the workplace through the provision of an advanced understanding of negotiation through the development of specific negotiating skills. Discussions and skill-building exercises in the class are focused broadly and include informal and formal negotiations between multiple departments, and so on. Because effective negotiation is fundamental to an individual's survival and prosperity within an organization, knowledge of negotiating concepts and development of negotiation skills are critical. Conflict resolution will also be covered, including its importance and skill to perform effectively.

MGT 3280 - Managing Employee Performance

Credit Hours 3

Prerequisite: Admission requirements to BBA degree and MGT 3210

Description: In this course we will discuss the skills and key processes you will need to deliver your employees to attain

department and organizational goals. These skills will include setting clear expectations, providing positive and corrective feedback, and delivering an effective performance appraisal.

MGT 3290 - International Human Resources

Credit Hours 3

Prerequisite: Admission requirements to BBA degree and MGT 3210

Description: Compares global human resource systems with emphasis on the reasons HR differences exist. The HR functions of selection, training, compensation and performance management are compared in different countries and cultures. Focuses on both expatriate assignment and foreign HR operations.

MGT 3300 - Social, Legal, and Political Environment of Business

Credit Hours 3

Prerequisite: BB 1

Description: Presentation of law of an expanding social, legal, and political institution, the development and nature of the legal system; business crimes; the law of torts, constitutional limitations of regulatory powers; legislative, judicial, and administrative control of business activity through tax laws, antitrust laws, laws of employment, labor laws, and consumer and debtor protection laws.

MGT 3320 - Business Law I

Credit Hours 3

Prerequisite: BB 1, Junior standing, CGPA 2.1

Description: A study of the legal right and potential liabilities of business people. Included is an introduction to the nature of the legal system, the basic law contracts, the uniform commercial code (sales, commercial paper, secured, transactions), bankruptcy, and agency.

MGT 3330 - Business Law II

Credit Hours 3

Prerequisite: BB 1

Description: A study of the legal rights and potential liabilities of business people. Included are the basic legal principles of agency, partnerships, corporations, securities, personal property and bailment, real property, environmental controls, and estates and trusts.

MGT 3410 - Production Operations Management

Credit Hours 3

Variable Credit Hours 3

Cross Listed: ENGT 3610 Productions Operations managements

Prerequisite: BB 1

Description: This course is an introduction to the field of production/operations management (POM), focusing on fundamental concepts, principles, problem-solving methodologies, and industry practices. With an emphasis on quantitative methods, students will learn how to apply analytical tools and techniques in the field of POM. Topics include production planning, inventory

management, optimization models, statistical quality control, project management, forecasting, and decision analysis. Case studies and hands-on exercises using spreadsheet models will be integrated

MGT 3610 - Entrepreneurship

Credit Hours 3

Prerequisite: MGT 2010 , BB 1

Description: An in-depth study of the entrepreneurial process. Through the development of a business plan and financial projections, the student will gain an understanding of the entrepreneurial process which is critical to success in the small business sector. Emphasis will be placed upon the start-up and the knowledge required in management, finance, and marketing to insure success in a new venture. The impact of technology and the global and diverse workforce will be examined.

MGT 3630 - Creativity and Ideation

Credit Hours 3

Prerequisite: BB 1

Description: This course will examine the role of creativity and innovation in business with a particular focus on the management of the creative and innovative process to solve problems and develop new ideas. Students will explore personal creativity, management practices that enhance or suppress creativity, the relationship between creativity and innovation, and the process of innovation in a business setting.

MGT 3640 - Business Modeling

Credit Hours 3

Prerequisite: BB 1

Description: Students are exposed to the process of business model design in this course. Activities will provide students with opportunities to examine business models enabling them to have a deeper understanding of the mechanics behind successful business ventures. Students will design business models for new ventures.

MGT 4001 - Professional Development Seminar

Credit Hours 1

Prerequisite: BB 1

Description: Professional development issues of the business student are addressed including written and oral communication skills, resume writing, networking, and interviewing skills.

MGT 4005 - Mastering ChatGPT: A Business Student's Guide to Leveraging AI

Credit Hours 3

Variable Credit Hours 3

Prerequisite: BB 1

Description: Explore the frontier of AI in business with 'Mastering ChatGPT.' Dive deep into strategic decision-making, enhanced by AI insights, while honing critical thinking skills. Navigate the complexities of ethical dilemmas in AI-driven business scenarios, preparing for a future where technology and morality intertwine.

MGT 4010 - Evolution of Management Thought

Credit Hours 3

Prerequisite: BB 1, MGT 2010

Description: The development of management theories and practices during the twentieth century. Emphasis will be placed on developing an understanding of the primary management schools of thought and their impact upon the modern workplace. The influence of societal forces and world events on the evolution of management thought and principles will also be examined.

MGT 4015 - Group Dynamics

Credit Hours 3

Variable Credit Hours 3

Prerequisite: BB1

Description: This course examines theory and research related to leadership, motivation, and team building within organizations. Topics include leadership, interpersonal relations and roles, goals, and motivational systems in multiple organizational contexts.

MGT 4090 - Corporate Social Responsibility

Credit Hours 3

Prerequisite: BB 1 and MGT 2010

Description: Explores corporate citizenship and how organizations implement strategies to fulfill social responsibility and financial goals.

MGT 4110 - International Management

Credit Hours 3

Prerequisite: BB 1, MGT 2010

Description: A critical investigation of cultural aspects of living and engaging in business in non-U.S. locations. Major topics include individual and group behavior within the cultures, environments, and infrastructures of various countries in which the increasing globalization of business enterprise requires sensitivity and adaptation of Americans in business. Term paper required.

MGT 4500 - Business and Economic Forecasting

Credit Hours 3

Prerequisite: BB 1 and MGT 3410

Description: Factors contributing to business fluctuations and description of the features of U. S. cycles, alternative models of business cycles, basic economic indices and indicators, and econometrics models and forecasting techniques.

MGT 4640 - Venturing

Credit Hours 3

Prerequisite: MGT 3610

Description: The student will participate in a culminating event that brings together the knowledge and skills acquired during the

course of entrepreneurship studies. Students will receive a hands-on experience through which they will develop and present a complete business plan. A juried business plan competition provides student teams a showcase for their business plans and exposure to potential backers.

MGT 4810 - Strategic Management

Credit Hours 3

Variable Credit Hours 3

Prerequisite: MGT 2010, MKT 2010, BUS 3200, BUS 3300, BUS 3310, FIN 3010, MGT 3410, and either MGT 4100 or ACCT 3710 all with a grade of "C" or better.

Description: Capstone course encompassing analysis of the dynamic interplay of threats and opportunities in corporations' external environments with strengths and weaknesses in corporations' internal environments that affect corporate decision making about long-term performance. Teamwork, written reports, and team presentation may be required. Analytical conclusions to be supported with approved sources.

MGT 4900 - Special Problems in Management

Credit Hours 1 to 6

Variable Credit Hours 1 to 6

Prerequisite: MGT 2010 with a grade of "C" or higher, BB 1 and permission of Chair

Description: Application of the scientific method to business problems which are of interest to both faculty and students, and are academically relevant.

Management Technology

MT 1000 - Introduction to Business Environment

Credit Hours 3

Description: Complex set of interrelationship between the business organization and its environment. Dimensions of work-related experiences, behavioral problems encountered and issues involved in business/society relationships, and current assessment of the role that business plays within a changing society.

MT 1010 - Mathematics of Drugs and Solutions

Credit Hours 2

Description: Fundamental mathematical skills to calculate drug dosage, fractional and decimal arithmetic, and solving for an unknown in a proportion.

MT 1050 - Industrial Mathematics

Credit Hours 3

Description: Common and decimal fractions; percentages; ratio and proportion; algebra; areas and volumes; metric measure; graphs; geometrical constructions; trigonometry; work and power; and speed ratios of pulleys and gears.

MT 2010 - Accounting Survey

Credit Hours 3

Description: Concepts and principles of accounting: accrual accounting, the accounting cycle, financial statements, and the capital structures of sole proprietorship, partnerships, and corporations.

MT 2030 - Marketing Survey

Credit Hours 3

Description: Basic framework and facts of marketing to include marketing research, advertising, direct and indirect selling and distribution, methods of pricing, warehousing, sales control, sales promotion, with continual emphasis on the consumer, competition, and governmental regulations.

MT 2050 - Principles of Management

Credit Hours 3

Description: Organizational management with emphasis on various models and functions. Concepts of the management functions of planning, organizing, and controlling with an emphasis on behavioral science concepts as applied to managing people in organizations.

MT 2100 - Mathematics for Management

Credit Hours 3

Description: Designed primarily for students who are planning to enter the field of business. Arithmetic fundamentals, basic principles of algebra, percentage, discounts, simple and compound interest, annuities, etc., and their application to various phases of business.

MT 2110 - Business Statistics

Credit Hours 3

Prerequisite: MT 2100, MATH 1110 or permission of instructor

Description: Methods of gathering and analyzing statistical data by using the process of statistical reasoning; probability and distribution; correlation and regression; expected value; network analysis; queuing theory; economic order quantity; and linear programming. Does not meet the Liberal Arts core requirement for mathematics.

MT 2120 - Statistical Process Control

Credit Hours 3

Description: Basic principles and techniques of quality control and its applications to the manufacturing process, process control, sampling inspections, reports and records based on statistical analysis.

MT 2150 - Personal Financial Management

Credit Hours 3

Description: Consumer problems including credit, financial statements, budgeting and saving techniques, insurance, legal documents, housing, investments, income taxes, retirement and estate transfer, and family financial liabilities.

MT 2200 - Business and Industry Safety

Credit Hours 3

Description: Legal rights and potential liabilities of business persons. Principles of business law in contracts, negotiable instruments, personal property, agency employment, and Federal and State regulations for proprietorship, partnerships, syndicates, and corporations.

MT 2250 - Introduction to Business Law

Credit Hours 3

Description: Legal rights and potential liabilities of business persons. Principles of business law in contracts, negotiable instruments, personal property, agency employment, and Federal and State regulations for proprietorship, partnerships, syndicates, and corporations.

MT 2270 - Business Ethics

Credit Hours 3

Description: Contemporary issues in business practice. Truth in advertising, the use of power and influence, the social responsibility of business, affirmative action and equal opportunity, and the ethics of profit.

MT 2370 - Human Relations in Business

Credit Hours 3

Description: Human interactions with the social, organizational and human elements encountered in the work environment, group processes, group structures, group conflicts, cohesion, leadership, group productivity, and decision making.

MT 2400 - Human Resource Management

Credit Hours 3

Description: Organization, functions, and administration of a personnel department, including selecting, training, placement, morale, leadership, promotion, appraisal, pay incentives, employee-employer relationship, and laws affecting the personnel function.

MT 2450 - Labor Relations

Credit Hours 3

Description: Applied labor and manpower problems in the U.S., the relationship between management and unions, collective bargaining, contract administration and impasse procedures in the public and private sectors.

MT 2500 - Purchasing and Logistics

Credit Hours 3

Description: Purchasing and logistics management of materials and equipment in industry and government. Control and flow of materials through the manufacturing process. Storage and handling of materials internal to plant operations, study of the optimum quality, price, source, quantity, and time.

MT 2550 - Small Business Operation

Credit Hours 3

Description: Analysis of problems and considerations involved in establishing, planning, organizing, and operating new business ventures, special research reports, field projects, case analyses, and panel discussions with business persons.

MT 2570 - Production Management

Credit Hours 3

Description: Methods of efficient plant management, production scheduling, inventory control, forecasting, linear programming, transportation, procedures of MRP, JIT, and other techniques.

MT 2600 - Seminar Special Topics

Credit Hours 3

Description: An in-depth examination of topics of a timely interest to the manufacturing community.

Marketing

MKT 440I - Marketing Internship

Credit Hours 3

Prerequisite: BB 1, GPA of 3.0, and permission of Internship Coordinator

Description: Designed to provide academic credit for relevant and meaningful experience in preparation for marketing positions. Weekly updates, term paper, and satisfactory evaluation by employer/supervisor required for credit. Grading on a pass/fail basis.

MKT 2010 - Principles of Marketing

Credit Hours 3

Variable Credit Hours 3

Prerequisite: None.

Description: A critical survey of functions, principles, processes, institutions, and trends involved in the process of organized exchange. The strategic manipulation of product, distribution price, and promotional variables is emphasized relative to identified market needs, market satisfaction, and product positioning. Relationship marketing is emphasized.

MKT 3001 - Introduction to Marketing

Credit Hours 3

Description: Designed for students studying disciplines other than business. This course provides an introduction to the marketing mix functions and process, including an examination of the marketing decisions a firm must make. Includes identification of consumer and organizational needs and explanation of environmental issues. Ethical and international issues are addressed. Not available to BBA students.

MKT 3110 - Salesmanship

Credit Hours 3

Prerequisite: MKT 2010, BB 1

Description: An in-depth examination and study of the selling process. Both the theory and practical applications of selling skills will be examined and discussed. The student will have the opportunity to learn the basic skills of prospecting, developing a sales presentation, trial closes, overcoming objections, and closing. The skills learned will be applied by making a sales presentation.

MKT 3210 - Retailing Management

Credit Hours 3

Prerequisite: MKT 2010, BB 1

Description: A study of the development and present status of the retailing structure with emphasis on unit location, organization, operation, management, display, traffic flow, inventory control, distribution, and evaluation from a marketing perspective. A retail project or simulation is required.

MKT 3310 - Sales Management

Credit Hours 3

Prerequisite: MKT 2010, BB 1

Description: A study of the tasks and functions of the sales manager. Emphasis will be placed upon recruiting, training, motivating, and supervising a sales force. Textbook study and lectures will be supplemented by role playing in each of the emphasized areas. Students will also learn the skills necessary to develop sales forecasts, territory design, and territory management.

MKT 3410 - International Marketing

Credit Hours 3

Prerequisite: MKT 2010, BB 1

Description: Study of managerial marketing policies and practices of firms marketing their products and services in foreign countries. An analytical survey of institutions, functions, policies, and practices in international marketing relative to the marketing structure and environment of foreign countries. A country study is required in paper form.

MKT 3510 - Consumer and Market Behavior

Credit Hours 3

Prerequisite: MKT 2010, BB 1

Description: A critical study of market behavior and the social psychological aspect of the purchase act with application to marketing problems. Topics include models of consumer behavior learning, perception, attitude, personality, demographics, psychographic and their assessment relative to marketing communication. Social and cultural influences on market behavior and exchange are emphasized.

MKT 3600 - Social Media Marketing

Credit Hours 3

Prerequisite: BB 1 and permission of chair

Description: Evaluate and develop social media strategies and plans. Learn to identify target markets; create personas; select platforms and tactics; engage consumers ethically and effectively; monitor, evaluate and tune initiatives; and determine return on investment.

MKT 3720 - Digital Marketing

Credit Hours 3

Prerequisite: MKT 2010

Description: Student will learn theoretical frameworks and field practices in digital marketing. Students will learn how to understand and analyze marketing issues and problems in the real business world. Students will experience tasks performed in the digital marketing field, such as buyers persona creation, website analysis, and blog post writing.

MKT 4200 - Logistics

Credit Hours 3

Prerequisite: BB 1, MKT 2010

Description: A study of managing activities related to traffic, transportation, inventory management and control warehousing, packaging, order processing, and materials handling from a technological standpoint. Attention is placed on information systems for logistics management.

MKT 4310 - Advertising and Promotional Strategy

Credit Hours 3

Prerequisite: BB 1, MKT 2010

Description: A critical evaluation of the promotional element in marketing communications relative to personal selling, advertising, sales promotion, and public relations activities. Strategic emphasis is placed on the development of the advertising plan, including objectives, budget, media selection and scheduling, creativity, and the evaluation of results via advertising research. A project is required.

MKT 4410 - Marketing in Asia

Credit Hours 3

Prerequisite: BB 1

Description: China has been the fastest growing major economy since 1979 and has great impact on the global economy. This course provides an overview of China's economy, history, culture and overall business environment. Students will learn the skills necessary for developing, evaluating, and implementing business strategies in China.

MKT 4450 - Marketing Research

Credit Hours 3

Prerequisite: BB 1, MKT 2010

Description: A critical study of the process, principles, and functions involved with the research process and product. Topics include research design, sampling, questionnaire design, statistical manipulation and inference, data collection, and research results preparation and presentation. Actual research projects are conducted and presented to the clients.

MKT 4800 - Marketing Management

Credit Hours 3

Prerequisite: BB 1 and MKT 3210, 4310, 4450

Description: The capstone course in marketing, emphasizing the strategic manipulation and integration of product, distribution, pricing, and promotional elements. Marketing policy is determined in a variety of product/ service/marketing situations using appropriate projects, case studies, and simulations.

MKT 4900 - Special Problems in Marketing

Credit Hours 3

Prerequisite: BB 1, MKT 2010 with a grade of "C" or higher; and permission of Chair

Description: Individual research and analysis of contemporary problems, issues and opportunities in concentrated areas of study under the guidance of a faculty member. The application of academic and theoretical constructs to specific problems and issues is emphasized.

Mathematics

MATH 490H - Independent Study with High Impact Practices

Credit Hours

Variable Credit Hours 1 to 5

Prerequisite: Participation in a high impact practice

Description: The course awards up to five (5) hours of honors credit, but no credit toward graduation, for participation in activities that the University recognizes as high impact practices.

MATH 1000 - Conceptual and Quantitative Mathematics

Credit Hours 3

Description: This course is designed to develop and strengthen quantitative, algebraic, and statistical reasoning. Activities will develop mathematical mindsets that lead to success in quantitative reasoning courses. This course is offered as an elective credit and does not fulfill a mathematics general education course credit.

MATH 1010 - Mathematics for Society

Credit Hours 3

Description: This course examines how different areas of mathematics explain and shape our world, as well as how we view and experience it. Students with high school deficiencies in mathematics must sign up for E-sections which include a mandatory lab.

MATH 1110 - Algebraic Problem Solving

Credit Hours 3

Prerequisite: MATH 1010 or 1530 with a grade of "C" or higher; or ACT-M score of 19 or higher (or equivalent SAT or COMPASS score or Development Studies Math scores of 4).

Description: Students will learn important aspects of functions and their representations from a problem solving view point. The primary emphasis is meaningful use and interpretation of the language, symbols, and concepts of functions and their representations.

MATH 1200 - Introduction to Actuarial Science

Credit Hours 1

Description: This course is an introduction to actuarial science. During the course, students will learn about the practice of actuarial science. Also, they will be introduced to the mathematics of bonds, interest, annuities, simple options, and binomial option pricing.

MATH 1234 - Honors Seminar in Mathematics

Credit Hours 1

Prerequisite: Admission to University Honors Program or permission of instructor

Description: This honors course introduces students to topics of current research in mathematics.

MATH 1310 - Explorations in Mathematics Education

Credit Hours 1

Description: Topics include presenting mathematics as a web of connected ideas, appreciation for diverse solution strategies and representations of problems, as well as examining the value of visuals, models, and manipulatives in the learning of mathematics.

MATH 1410 - Structure of Mathematical Systems I

Credit Hours 3

Prerequisite: Non-enhanced section MATH 1530 with a "B" or higher; or ACT-MATH score 19 or higher;

Enhanced section - HS Algebra I, Algebra II, Geometry

Description: Topics include numeration systems and place value, decimals, fractions, percents, proportionality, number sense, integers, and number theory. Emphases are problem solving, number sense, and communicating mathematics concepts with language, symbols, and concrete and pictorial representations.

MATH 1420 - Structure of Mathematical Systems II

Credit Hours 3

Prerequisite: MATH 1410 with a grade of "C" or higher

Description: Topics include proportionality, algebraic thinking, geometry, and measurement. Emphases are problem solving, multiplicative reasoning, number sense, and communicating mathematics concepts with language, symbols, and concrete and pictorial representations. This course is reserved for students seeking elementary or middle school teaching licensure.

MATH 1430 - Statistics and Probability for K-8 Teachers

Credit Hours 3

Prerequisite: Must complete deficiencies in reading and writing

Description: Categorization and collection of data. Representations of univariate and bivariate data. Measures of central tendency and variability related to distribution of data, correlation, confidence intervals, data driven decision making, probability

and probability distributions, expected value, combinations, and permutations. Analysis of published data such as standardized test scores.

MATH 1530 - Elements of Statistics

Credit Hours 3

Prerequisite: Deficiencies in Reading and Writing must be removed before enrolling in MATH 1530.

Description: Measures of central tendency and dispersion for descriptive statistics, estimations of confidence intervals for means and proportions, probability distributions, hypotheses testing, the least squares method, and correlation analysis. Students with high school deficiencies in mathematics must sign up for E-sections which include a mandatory lab.

MATH 1550 - Statistics and Probability for K-8 Teachers

Credit Hours 3

Prerequisite: Must complete deficiencies in reading and writing

Description: Categorization and collection of data. Representations of univariate and bivariate data. Measures of central tendency and variability related to distribution of data, correlation, confidence intervals, data driven decision making, probability and probability distributions, expected value, combinations, and permutations. Analysis of published data such as standardized test scores.

MATH 1710 - Precalculus Algebra

Credit Hours 3

Prerequisite: MATH 1000 or MATH 1010 or MATH 1530 with a grade of "C" or higher; or ACT-M score of 19 or higher (or equivalent SAT or COMPASS score or Development Studies Math scores of 4).

Description: A study of functions and their representations with emphasis on the use of functions in problem-solving and modeling contexts. Topics include polynomial functions, rational functions, power and root functions, inverse functions, and systems of equations.

MATH 1720 - Precalculus (Trigonometry)

Credit Hours 3

Prerequisite: MATH 1710 or 1110 with a grade of "C" or higher in either course or ACT-M score of 25 or higher

Description: Circular functions and their graphs, inverses, identities and conditional equations, solutions of triangles, trigonometric form of complex numbers, DeMoivre's Theorem, exponential and logarithmic functions, parametric and polar equations.

MATH 1730 - Precalculus

Credit Hours 4

Prerequisite: MATH 1710 or 1110 with a grade of "C" or higher; or ACT-M with score of 25 or higher.

Description: The course topics include analysis and transformations of functions and their graphs, inverse functions, exponential and logarithmic functions, circular functions and their graphs, trigonometric identities, solving trigonometric equations, solving triangles, two-dimensional vector algebra, the dot product, and matrix algebra with applications to solving systems of linear equations.

MATH 1810 - Elements of Calculus

Credit Hours 3

Prerequisite: MATH 1110 or 1710 or 1730 with a grade of "C" or higher or ACT-M score of 25 or higher. Students who do not meet this requirement may challenge their placement by taking (at their own expense) the APSU Mathematics Placement Examination.

Description: Designed for students whose major interest is outside the physical sciences but who require a working knowledge of calculus. Limits, the derivative, differentiation techniques, applications of differentiation, the definite integral, exponential and logarithmic functions, and applications of integration.

MATH 1910 - Calculus I

Credit Hours 4

Prerequisite: MATH 1730 with a grade of "C" or higher or HS trigonometry and ACT-M score 27 or higher. Students who do not meet this requirement may challenge their placement by taking (at their own expense) the APSU Mathematics Placement Examination.

Description: Elements of plane analytic geometry, functions, limits, derivatives of algebraic and trigonometric functions, integration, and applications.

MATH 1920 - Calculus II

Credit Hours 4

Prerequisite: MATH 1910

Description: Polar coordinates, numerical integration, infinite series, techniques of integration, improper integral, conic sections, and transcendental functions.

MATH 2110 - Calculus III

Credit Hours 4

Prerequisite: MATH 1920

Description: Three dimensional vectors, partial derivatives, multiple integration, and vector calculus.

MATH 3000 - Discrete Mathematics

Credit Hours 3

Prerequisite: MATH 1920 or permission of instructor

Description: The study of algorithms, counting methods and combinatorics, graph theory, trees, Boolean algebras and combinatorial circuits.

MATH 3010 - Introduction to Mathematical Reasoning

Credit Hours 3

Prerequisite: MATH 1910 with a grade of "C" or higher or MATH 1920 or permission of instructor

Description: Topics include inductive and deductive reasoning, symbolic logic, truth tables, set theory, and functions, with

emphasis on various techniques in proving mathematical theorems. Applications to geometry, number theory, algebra, analysis, and topology.

MATH 3120 - Differential Equations I

Credit Hours 3

Prerequisite: MATH 2110

Description: First order differential equations and applications, linear equations of higher order and applications, series solutions of differential equations, Bessel functions and other classical functions obtained by series solutions.

MATH 3130 - Differential Equations II

Credit Hours 3

Prerequisite: MATH 3120

Description: The Laplace transform and its application to differential equations, systems of linear differential equations, numerical methods. Fourier series and the solution of boundary value problems involving partial differential equations such as the heat equation and the wave equation.

MATH 3140 - Connections in Secondary Mathematics

Credit Hours 3

Prerequisite: Math 1910

Description: This course aims to develop a deep understanding for the algebra, geometry, statistics, and mathematics history as it relates to the mathematics taught in secondary school. Families of functions, algebraic procedures, geometric constructions, and the application of statistical ideas will be addressed using multiple representations and connections. Key developments in mathematical history will be included in the exploration.

MATH 3450 - Linear Algebra

Credit Hours 3

Prerequisite: MATH 1920 or permission of instructor

Description: Systems of linear equations, determinants, vector spaces with emphasis on finite-dimensional spaces, linear transformations, similarity, eigenvalues and eigenvectors, diagonalization, quadratic forms, numerical methods, and applications.

MATH 3630 - College Geometry

Credit Hours 3

Prerequisite: MATH 1910 and one year of high school Geometry

Description: An introduction to modern elementary geometry, transformational geometry, projective geometry, non-Euclidean geometry, and foundations of geometry.

MATH 4010 - Introduction to History of Mathematics

Credit Hours 3

Prerequisite: MATH 1910 or equivalent or permission of instructor

Description: Development of elementary mathematics and a study of the individuals and cultures who contributed to it.

MATH 4020 - Geometry for Teachers

Credit Hours 3

Prerequisite: MATH 1410 - Structure of Mathematical Systems IMATH 1410 AND 1420 OR MATH 1910

Description: Topics include informal, plane, and solid geometries; tessellations; transformational geometry; deductive reasoning; constructions and theorem demonstrations with dynamic geometry software and other tools; topology, non-Euclidean geometries and graph theory.

MATH 4030 - Problem Solving for Elementary and Middle School Teachers

Credit Hours 3

Prerequisite: MATH 1410, 1420

Description: Students will engage in recreational mathematics, puzzles, and games. The emphasis is to develop problem solving skills using various tools and techniques, such as algebra, modeling, and appropriate technology.

MATH 4100 - Teaching Mathematics in Grades K-3

Credit Hours 3

Prerequisite: MATH 1410, 1420 with grades of "C" or higher and Transition Point II

Corequisite: RDG 4010

Description: Contemporary elementary school mathematics curriculum, teaching materials, and strategies for effective teaching. Field experience required.

MATH 4110 - Introduction to Number Theory

Credit Hours 3

Prerequisite: MATH 3010 or permission of instructor

Description: Divisibility, properties of primes, analysis of congruence, quadratic residues, and Diophantine analysis.

MATH 4120 - Problems in Actuarial Science

Credit Hours 1

Variable Credit Hours 2

Prerequisite: MATH 4130 or MATH/STAT 4240 or permission of instructor

Description: This course will prepare students for actuarial exams. Students will work on advanced problems related to the actuarial exams for financial mathematics or probability.

MATH 4130 - Introduction to Financial Mathematics

Credit Hours 3

Prerequisite: MATH 1910;

Description: Prepares students for actuarial exam 2/FM: present and accumulated values of cash flows, reserving, valuation, pricing, asset/liability management, investment income, capital budgeting, valuing of contingent cash flows, and financial instruments including derivatives and arbitrage-free pricing.

MATH 4140 - Introduction to Financial Derivatives

Credit Hours 3

Dual Listed: Math 5140

Prerequisite: MATH 4130, MATH/STAT 4240, or permission of instructor

Description: This course covers introductory financial derivatives, general properties of options, the binomial option pricing model, the Black-Scholes option pricing model, option Greeks, risk management, and interest rate derivatives.

MATH 4150 - Teaching Mathematics in Grades 4-6

Credit Hours 3

Prerequisite: Transition Point II and MATH 1410, MATH 1420 with grades of "C" or higher

Description: Contemporary elementary school mathematics curriculum, teaching materials, and strategies for effective teaching in grades 4-6. Field experience required.

MATH 4160 - Introduction to Complex Analysis

Credit Hours 3

Prerequisite: MATH 1920

Description: The algebra of complex numbers, properties of analytic functions, elementary functions and mappings, complex integration, power series, residues and poles, conformal mapping.

MATH 4180 - Short Term Actuarial Mathematics

Credit Hours 3

Dual Listed: MATH 5180

Prerequisite: MATH 4170 or permission of instructor

Description: This course covers severity models, aggregate models, coverage modifications, construction and selection of parametric models, credibility, and reserving and pricing for short-term insurance coverages. It prepares students for Advanced Short Term Actuarial Mathematics (ASTAM) exam.

MATH 4190 - Fundamentals of Actuarial Mathematics

Credit Hours 3

Dual Listed: Math 5190

Prerequisite: MATH 4130, MATH/STAT 4240, or permission of instructor

Description: This course covers important actuarial methods useful in modeling, foundational principles of ratemaking and

reserving for short-term coverages, and the theoretical basis of contingent payment models and their application to insurance and other financial risks. It prepares students for the FAM actuarial exam.

MATH 4200 - Mathematics Content and Pedagogy for Middle School

Credit Hours 3

Prerequisite: MATH 1420 with a grade of "C" or higher or MATH 1910

Description: Using appropriate technology, students will investigate and apply concepts of algebra, geometry, trigonometry, probability, and calculus. The course will also address pedagogy in the middle school mathematics classroom. Field experience required.

MATH 4210 - Introduction to Topology

Credit Hours 3

Prerequisite: MATH 2110

Description: Sets, metric spaces, limits, continuous maps and homeomorphisms, connectedness, and compact topological spaces.

MATH 4240 - Introduction to Probability

Credit Hours 3

Cross Listed: STAT 4240

Prerequisite: MATH 1920 with a grade of "C" or higher or permission of instructor

Description: A mathematical introduction to probability; sample spaces; probability functions; counting techniques; conditional probability; independence, total probability and Baye's rule; discrete and continuous random variables; expectation, median, variance; joint and conditional distributions; moment generating functions; laws of large numbers and the central limit theorem.

MATH 4250 - Mathematical Statistics I

Credit Hours 3

Prerequisite: MATH 4240

Description: A mathematical treatment of statistics including: properties of estimators; maximum likelihood estimation; confidence intervals; hypothesis testing; analysis of categorical data; non-parametric statistics.

MATH 4260 - Introduction to Stochastic Processes

Credit Hours 3

Cross Listed: STAT 4260

Prerequisite: MATH 4240 or STAT 4240

Description: An introduction to stochastic processes and their applications: Poisson and compound Poisson processes; discrete and continuous time Markov chains; renewal theory; random walks and Brownian motion.

MATH 4280 - Long Term Actuarial Mathematics

Credit Hours 3

Dual Listed: MATH 5280

Prerequisite: MATH 4170 or permission of instructor

Description: This course covers survival models for multiple state contingent cashflows, premium and policy valuation for long-term state-dependent coverages, joint life insurance and annuities, profit analysis, pension plans and retirement benefits, universal life insurance, and embedded options in life insurance and annuity products. It prepares students for the Advanced Long Term Actuarial Mathematics (ALTAM) exam.

MATH 4310 - Machine Learning I

Credit Hours 3

Cross Listed: MATH 5310 and STAT 5310

Prerequisite: MATH 1910 or instructor permission

Description: This course provides students with developing machine learning and data science skills, including data preprocessing, feature engineering, supervised learning (parametric/nonparametric, linear and nonlinear models, neural networks); unsupervised learning, model optimization, regularization, and a more formal understanding of how and why they work. Through several "hands-on" projects, students will have an opportunity to experiment with various machine learning models and apply them to real-world data sets.

MATH 4320 - Machine Learning II

Credit Hours 3

Dual Listed: Math 5320

Prerequisite: MATH 1910 or instructor permission

Description: This course assumes that the student is familiar with foundational machine learning concepts that include cost functions, gradient descent, backpropagation, and simple neural networks. Topics covered in this course include deep neural networks, natural language processing, sentiment analysis, chatbots, recommender systems, and reinforcement learning.

MATH 4321 - Introduction to Data Analysis and Programming

Credit Hours 3

Dual Listed: Math 5321

Description: This course exposes students to computer algebra systems and other statistical software packages. Students will learn to use software to extract relevant data, analyze data, and apply programming techniques to solve problems and applications in the field of Mathematics, Statistics, Sciences, and Engineering.

MATH 4400 - The Teaching of Secondary School Mathematics

Credit Hours 3

Prerequisite: Transition Point II and 19 hours of mathematic courses in the major

Description: Strategies for teaching high school mathematics that reflect best practiced recommendations. Field experience required.

MATH 4450 - Introduction to Mathematical Modeling

Credit Hours 3

Prerequisite: MATH 1920, 3450

Description: Formation of mathematical models for problems in science and business. Special emphasis on models requiring algebra, calculus, discrete methods, and probabilistic models.

MATH 4460 - Introduction to Applied Mathematics

Credit Hours 3

Prerequisite: MATH 2110, 3120, 3450 or permission of instructor

Description: In-depth study of an application of mathematics to industry, business, science or the social sciences. Specific topic chosen at the instructor's discretion. Possible topics include but are not limited to computational graph theory, stochastic, differential equation, financial mathematics, environmental mathematics, mathematical biology, data mining, etc. A project or paper is required.

MATH 4500 - Introduction to Modern Algebra

Credit Hours 3

Prerequisite: MATH 3010 with a grade of "C" or higher or permission of instructor

Description: Relations, maps, abstract algebras, groups, rings, integral domains, order, morphisms, fields, and factorization.

MATH 4670 - Introduction to Numerical Analysis

Credit Hours 3

Prerequisite: MATH 1920, (CSCI 1010 or 2000) or permission of instructor

Description: Digital computer programming, finite differences, numerical integration, matrix computations, numerical solutions of non-linear systems and differential equations.

MATH 4710 - Introduction to Real Analysis

Credit Hours 3

Prerequisite: MATH 2110, MATH 3010

Description: Functions, cardinality, real numbers, sequences, limits, continuity, differentiation, integration, infinite series, sequences, and series of functions.

MATH 4810 - Senior Seminar

Credit Hours 1

Cross Listed: STAT 4810

Prerequisite: Senior standing and permission of Department Chair

Description: The threads that link concepts found in undergraduate mathematics will be discussed. The transition from student to

career will be addressed. The library and other resources will be utilized to encourage a continuing development of mathematical thought.

MATH 4900 - Selected Topics

Credit Hours 3

Prerequisite: Permission of instructor

Description: Selected mathematical topics of general interest.

MATH 4910 - Topics in Mathematics

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Permission of instructor

Description: Workshops of short duration, organized around topics of current interest.

MATH 4950 - Special Problems

Credit Hours 3

Prerequisite: Permission of instructor

Description: Selected mathematical topics of general interest

Mechatronics

MET 1100 - Electrical Components

Credit Hours 3

Description: Basic electrical components relating to a mechatronics system. The basic functions, physical properties, and systematic energy flow of electrical components are presented within the scope of a mechatronics system lab. Topics covered also include electrical component troubleshooting and repair, preventative maintenance, technical documentation, and electrical safety.

MET 1200 - Mechanical Components and Electrical Drives

Credit Hours 3

Description: Fundamental mechanical components and electrical drives relating to a mechatronics system. The basic functions, physical properties, and systematic energy flow of mechanical components and electrical drives (DC and AC) are presented within the scope of a mechatronics system lab. Topics covered also include mechanical components and electrical drives troubleshooting and repair, preventative maintenance, technical documentation, and electrical and general safety.

MET 1300 - Electro Pneumatic and Hydraulic Control Circuits

Credit Hours 3

Description: Pneumatic, electro-pneumatic, and hydraulic systems fundamentals relating to a mechatronics system. The basic functions, physical properties, and systematic energy flow of pneumatic, electro-pneumatic, and hydraulic systems are presented within the scope of a mechatronics system lab. Topics covered also include pneumatic, electro-pneumatic, and hydraulic systems troubleshooting and repair, preventative maintenance, technical documentation, and electrical and general safety.

MET 1500 - Digital Fundamentals and Programmable Logic Controllers

Credit Hours 3

Description: Fundamental digital logic and programmable logic controllers (PLC's) concepts relating to a mechatronics system. System automation through Siemens and other PLC's is presented within the scope of a mechatronics system lab. Topics covered also include basic PLC programming, troubleshooting, and PLC simulations.

MET 2100 - Process Control Technologies

Credit Hours 3

Prerequisite: [ENGT 1200 or MATH 1730] and [MET 1100 or ENGT 2010]

Description: Study of general process control technologies relating to a mechatronics system. Concepts covered include closed-loop control, controller and sensor/actuator system operation, process control operating parameters, PID and ON/OFF controllers, process control optimization, and technical documentation.

MET 2200 - Introduction to Totally Integrated Automation

Credit Hours 3

Prerequisite: MET 1500 & (MATH 1730 or ENGT 1200)

Description: Introductory course in automation integration using Siemens and other PLC systems. Topics covered include analog sensor and actuator interface to PLC's, PLC communication concepts, and system troubleshooting and maintenance.

MET 2300 - Automation Systems

Credit Hours 3

Prerequisite: MET 1500 & (MATH 1730 or ENGT 1200)

Description: Study of essential concepts of automation in manufacturing and mechatronics systems. Topics covered include current manufacturing technologies including CNC, CAD, and CAM along with general microcontroller concepts and programming.

MET 2400 - Motor Control

Credit Hours 3

Prerequisite: MET 1200 & (MATH 1730 or ENGT 1200)

Description: Study of the principles of electric motor control and operation in reference to a mechatronics system. Topics covered include motor starting and control techniques, motor braking and loading, motor efficiency and power, sensors used with electric motors, motor protection techniques, and electric motor troubleshooting.

MET 2500 - Mechanics and Machine Elements

Credit Hours 3

Prerequisite: MET 2400 & (MATH 1730 or ENGT 1200)

Description: Concepts of mechanics along with machine elements relating to mechatronic systems. Topics presented include fundamental statics and

dynamics concepts such as force analysis, equilibrium, friction, and other general related concepts. Fundamentals of machine elements including calculations involving force, stress, and wear analysis will also be investigated.

MET 2900 - Mechatronics Capstone

Credit Hours 3

Prerequisite: MET 2200 & (MATH 1730 or ENGT 1200). (Capstone can only be taken when the student is lacking no more than 9 semester hours including capstone of MET coursework)

Description: Culminating capstone project for the AAS in Engineering Technology program with a concentration in Mechatronics Engineering Technology. Planning, design, management, and completion of the project is required.

MET 3200 - Industrial Totally Integrated Automation

Credit Hours 3

Prerequisite: [MET 1500 and ENGT 2030] or MET 2300

Description: Advanced concepts of automation as applied to mechatronics systems used in the manufacturing Industry. Advanced analog and digital sensors design and applications to include methods of processing sensor signals and control techniques from processed sensor signals.

MET 3300 - Advanced Automation

Credit Hours 3

Prerequisite: MET 3200

Description: Advanced technologies used to automate mechatronic systems as applied to large scale manufacturing. Applications of automated mechatronics to varied manufacturing processes will be covered as well as mechatronic systems design for fully automated manufacturing and related processes.

MET 3400 - Electromechanical Power

Credit Hours 3

Prerequisite: [ENGT 2030 or MET 2400] and PHYS 2010/2011

Description: The design and application of electromechanical devices as applied to manufacturing processes. Mechanical systems controlled electronically and electronic systems controlled mechanically will be thoroughly covered. Applications for electromechanical power will be discussed as well as the design of such systems. Further topics include when to use

electromechanical power and the limitations and delimitations associated with electromechanical power as a prime control methodology.

MET 3500 - Machine Dynamics

Credit Hours 3

Prerequisite: [ENGT 1200 or MATH 1730] and PHYS 2010 / PHYS 2011

Description: An advanced study of machine dynamics and the effect of those dynamics on the selected use of specific machines for varied processes. Vibration associated with specific machine dynamic principles will be covered to include the effects of vibration on systems applied to the machine control processes. Methods of decreasing or eliminating vibration, to include the effects of vibration on electronic and mechanical system components, when the machines are used in industrial processes will be covered.

MET 3600 - Integrated Manufacturing

Credit Hours 3

Prerequisite: MET 3500, ENGT 2000 and PHYS 2010/2011

Description: Integrated manufacturing processes and the application of control methods for those processes. Mechanisms for sensing state and modifying processes will be discussed as the prime method of control, to include mechatronic systems, used for manufacturing processes. Project management as determined in part by electrical and mechanical process monitoring and control will be discussed.

MET 4100 - Project and Process Management

Credit Hours 3

Prerequisite: MET 3300, MET 3400, and MET 3600

Description: A framework for managing mechatronics projects at an advanced level. Topics include project estimation and planning, adaptation to varying customer requirements, methods of design, construction, integration, and testing of project components and systems, and an introduction into the CMII® organizational improvement model.

MET 4160 - Mechatronics Capstone Project

Credit Hours 3

Prerequisite: Department Chair permission

Description: Culminating capstone project for the BS degree in Mechatronics Engineering Technology. Planning, design, management, construction, testing, and workbook documentation of all phases and elements of the project along with simulated customer/supplier relationships and student project teams are required.

Medical Technology

MTEC 3760 - Immunology and Serology

Credit Hours 3

Prerequisite: BIOL 2300/2301 or 3050/3051 or 3730/3731 with a grade of "C" or higher

Description: A comprehensive immunology course that includes the development, function, and failures of the immune system including the fundamentals of antigen-antibody reactions and serologic procedures performed in the clinical laboratory.

MTEC 3761 - Immunology and Serology Lab

Credit Hours 1

Prerequisite: BIOL 2300/2301 or 3050/3051 or 3730/3731 with a grade of "C" or higher

Description: Lab component for a comprehensive immunology course that includes the development, function, and failures of the immune system including the fundamentals of antigen-antibody reactions and serologic procedures performed in the clinical laboratory.

MTEC 3910 - Fundamentals of Hematology

Credit Hours 3

Corequisite: MTEC 3911

Description: Study of formed elements of the blood and the mechanism of coagulation, with an emphasis on normal development and routine evaluation of blood samples together with development of basic laboratory skills. The use of statistics in the analysis and interpretation of laboratory data is introduced.

MTEC 3911 - Fundamentals of Hematology Lab

Credit Hours 1

Prerequisite: BIOL 2020/2021

Corequisite: MTEC 3910;

Description: Lab component for the study of formed elements of the blood and the mechanism of coagulation, with an emphasis on normal development and routine evaluation of blood samples together with development of basic laboratory skills. The use of statistics in the analysis and interpretation of laboratory data is introduced.

MTEC 3940 - Fundamentals of Clinical Analysis

Credit Hours 3

Prerequisite: CHEM 1120/1121 and permission of instructor;

Corequisite: MTEC 3941

Description: Introduction to clinical analysis including specimen collection, processing, testing and statistical analysis. Students will gain a foundation in the correlation of clinically significant analyses to disease states. Quality control, the basic metabolic panel, and select concepts in urinalysis will also be introduced.

MTEC 3941 - Fundamentals of Clinical Analysis Lab

Credit Hours 1

Prerequisite: CHEM 1120/1121 and permission of instructor

Corequisite: MTEC 3940;

Description: Lab component for the introduction to clinical analysis including specimen collection, processing, testing and statistical analysis. Students will gain a foundation in the correlation of clinically significant analyses to disease states. Quality control, the basic metabolic panel, and select concepts in urinalysis will also be introduced.

MTEC 4090 - Clinical Hematology

Credit Hours 4

Prerequisite: Major Restriction and acceptance into the MTEC program. Web courses should be restricted to the MLT to MLS concentration.

Description: Practical experience in fundamental techniques in the clinical hematology section at an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies and special procedures.

MTEC 4290 - Clinical Microbiology

Credit Hours 4

Prerequisite: Major Restriction and acceptance into the MTEC program. Web courses should be restricted to the MLT to MLS concentration.

Description: Practical experience in the routine isolation and identification of medically significant bacteria, fungi, and parasites using approved methods in the clinical bacteriology/mycology/parasitology section of an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies, and special procedures.

MTEC 4390 - Clinical Immunohematology Serology

Credit Hours 4

Prerequisite: Major restriction and acceptance into the MTEC program

Description: Practical experience in the current methods of blood grouping, typing, fetal screening, transfusion therapy, and serology testing in the clinical immunohematology/serology section of an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies, and special procedures.

MTEC 4490 - Clinical Chemistry Urinalysis

Credit Hours 4

Prerequisite: Major Restriction and acceptance into the MTEC program. Web courses should be restricted to the MLT to MLS concentration.

Description: Practical experience in fundamental techniques in the routine clinical chemistry/urinalysis section at an affiliated hospital laboratory. Additional practical experience with equipment maintenance, reporting and correlating results, quality control and proficiency testing, case studies, and special procedures.

MTEC 4500 - Research

Credit Hours 1 to 4

Variable Credit Hours 1 to 4

Prerequisite: Permission of instructor

Description: This course is offered for those who desire to pursue a special study of some medical/biological problem beyond what is possible in regular courses. The student is expected to select and plan a research problem and pursue it to some state of completion.

MTEC 4730 - Diagnostic Microbiology I

Credit Hours 3

Prerequisite: Major Restriction and acceptance into the MTEC program. Web courses should be restricted to the MLT to MLS concentration.

Corequisite: MTEC 4731

Description: Advanced study of the bacterial agents which cause human disease. The processing and handling of clinical specimens with emphasis on state of the art isolation and identification of pathogenic bacteria is included. The theory and laboratory practice in clinical serology used in diagnosis of infectious disease is also emphasized. (Including ASO, CRP, RPR, ELISA, and IF)

MTEC 4731 - Diagnostic Microbiology I Lab

Credit Hours 1

Prerequisite: Acceptance into the Senior Year (clinical phase) of the Medical Technology Program or permission of program director or permission of instructor

Corequisite: MTEC 4730;

Description: Lab component for the advanced study of the bacterial agents which cause human disease. The processing and handling of clinical specimens with emphasis on state of the art isolation and identification of pathogenic bacteria is included. The theory and laboratory practice in clinical serology used in diagnosis of infectious disease is also emphasized. (Including ASO, CRP, RPR, ELISA, and IF)

MTEC 4750 - Management, Research, Education Seminar

Credit Hours 3

Prerequisite: Major Restriction and acceptance into the MTEC program. Web courses should be restricted to MLT to MLS concentration.

Description: Present educational terminology and techniques applied in the clinical laboratory workplace; present concepts of research design and practice and methods of evaluating clinical laboratory research; present organizational, cost control, and management methods for laboratory operations; and introduce local, state, and federal regulations applicable to the clinical laboratory.

MTEC 4900 - Clinical Phlebotomy

Credit Hours 1

Prerequisite: Major restricted and acceptance into the MTEC program. Web courses should only be utilized by the MLT to

MLS.

Description: Practical experience in fundamental techniques in the routine clinical phlebotomy section at an affiliated hospital laboratory. Additional practical experience with universal safety precautions, specimen collection, specimen processing, and specimen accessioning.

MTEC 4910 - Hematology

Credit Hours 3

Prerequisite: Major Restriction and acceptance into the MTEC program. Web courses should be restricted to the MLT to MLS concentration.

Corequisite: MTEC 4911

Description: The study of human blood with emphasis on anemia, leukemia, special stains and tests, enzyme deficiencies, cellular and humoral immunity, autoimmune disorders, genetic abnormalities, vascular and biochemical coagulation and associated disorders. Discussion of physical and cellular aspects of body fluids, microscopic examination, specimen collection, and handling of transudates, exudates, and other body fluids.

MTEC 4911 - Hematology Lab

Credit Hours 1

Prerequisite: Acceptance into the Senior Year (clinical phase) of the MTEC or permission of program director or permission of instructor

Corequisite: MTEC 4910;

Description: Lab component for the study of human blood with emphasis on anemia, leukemia, special stains and tests, enzyme deficiencies, cellular and humoral immunity, autoimmune disorders, genetic abnormalities, vascular and biochemical coagulation and associated disorders. Discussion of physical and cellular aspects of body fluids, microscopic examination, specimen collection, and handling of transudates, exudates, and other body fluids.

MTEC 4920 - Molecular Diagnostics

Credit Hours 3

Description: Instruction on nucleic acid biochemistry and techniques used in molecular diagnostics with emphasis on the application and interpretation of molecular based diagnostics tests.

MTEC 4930 - Board of Certification Review

Credit Hours 2 to 3

Variable Credit Hours 2 to 3

Prerequisite: Major Restriction and acceptance into the MTEC program. Web courses should be restricted to MLT to MLS concentration students only.

Description: This course provides a comprehensive review of medical technology coursework through the application of didactic and clinical courses. Test taking strategies and review for national certification examination will be emphasized.

MTEC 4940 - Clinical Analysis I

Credit Hours 3

Prerequisite: Major Restriction and acceptance into the MTEC program. Web courses should be restricted to the MLT to MLS concentration.

Description: Chemical, physical, and microscopic examination of urine and other body fluids. Inborn errors of metabolism and renal function, disease, and diagnostic testing will also be examined. Clinical laboratory testing, automation, quality control, clinical significance, and correlation of results with pathological states will be emphasized.

MTEC 4941 - Clinical Analysis I Lab

Credit Hours 1

Prerequisite: Acceptance into the senior year (clinical phase) of the MTEC program or permission of program director

Description: Lab component for Chemical, physical, and microscopic examination of urine and other body fluids. Inborn errors of metabolism and renal function, disease, and diagnostic testing will also be examined. Clinical laboratory testing, automation, quality control, clinical significance, and correlation of results with pathological states will be emphasized.

MTEC 4950 - Immunohematology

Credit Hours 3

Prerequisite: Major Restriction and acceptance into the MTEC program. Web courses should be restricted to MLT to MLS concentration.

Description: The immunological aspects of erythrocytes and other cells in the context of blood grouping systems, donor selection, specimen collection, processing, component preparation, compatibility testing, and transfusions. HLA systems, adverse reactions, and data management are covered.

MTEC 4951 - Immunohematology Lab

Credit Hours 1

Prerequisite: Acceptance into the Senior Year (clinical phase) of MTEC or permission of program director or permission of instructor

Description: Lab component for the immunological aspects of erythrocytes and other cells in the context of blood grouping systems, donor selection, specimen collection, processing, component preparation, compatibility testing, and transfusions. HLA systems, adverse reactions, and data management are covered.

MTEC 4970 - Clinical Analysis II

Credit Hours 3

Prerequisite: Major Restriction and acceptance to MTEC program. Web courses should be restricted to the MLT to MLS program.

Description: The study of chemical analyses of importance to human pathology. Endocrinology, toxicology, therapeutic drug monitoring, lipoprotein analysis, carbohydrates, enzymes, electrolytes, hemoglobin metabolism, tumor markers, immunochemical methods, and molecular diagnostics will be discussed. Clinical laboratory testing, significance, and correlation of results with pathological states will be emphasized.

MTEC 4971 - Clinical Analysis II Lab

Credit Hours 1

Prerequisite: Acceptance into the Senior Year (clinical phase) of the MTEC or permission of program director or permission of instructor

Description: Lab component for the study of chemical analyses of importance to human pathology. Endocrinology, toxicology, therapeutic drug monitoring, lipoprotein analysis, carbohydrates, enzymes, electrolytes, hemoglobin metabolism, tumor markers, immunochemical methods, and molecular diagnostics will be discussed. Clinical laboratory testing, significance, and correlation of results with pathological states will be emphasized.

MTEC 4980 - Diagnostic Microbiology II

Credit Hours 3

Prerequisite: Major restriction and acceptance to the MTEC program. Web courses should be restricted to the MLT to MLS concentration

Description: Introduction of the fundamental techniques used in the isolation, identification, and recovery of medically important mycobacteria, fungi, parasites and viruses. Emphasis is also placed on the host/microbial interaction and response. The theory and laboratory practice in clinical serology (of the above organisms) used in the diagnosis of infectious disease is also covered.

MTEC 4981 - Diagnostic Microbiology II Lab

Credit Hours 1

Prerequisite: Acceptance into the Senior Year (clinical phase) of the MTEC or permission of program director or permission of instructor

Description: Lab component for the introduction of the fundamental techniques used in the isolation, identification, and recovery of medically important mycobacteria, fungi, parasites and viruses. Emphasis is also placed on the host/microbial interaction and response. The theory and laboratory practice in clinical serology (of the above organisms) used in the diagnosis of infectious disease is also covered.

Military Science and Leadership

MSL 101L - Basic Military Skill Lab

Credit Hours 0

Corequisite: MSL 1010

Description: See MSL 1010

MSL 102L - Military Science Lab

Credit Hours 0

Corequisite: MSL 1020

Description: See MSL 1020

MSL 201L - Leadership and MGT Skills Lab

Credit Hours 0

Description: See MSL 2010

MSL 202L - Intro to Tact Skills II Lab

Credit Hours 0

Corequisite: MSL 2020

Description: See MSL 2020

MSL 301L - Tactical Leadership Lab

Credit Hours 0

Corequisite: MSL 3010

Description: See MSL 3010

MSL 302L - Tactical Leadership II Lab

Credit Hours 0

Corequisite: MSL 3020

Description: See MSL 3020

MSL 304L - Leadership Development and Assessment Course Lab

Credit Hours 0

Corequisite: MSL 3040

Description: See MSL 3040

MSL 401L - Advanced Military Skills and Knowledge I Lab

Credit Hours 0

Corequisite: MSL 4010

Description: See MSL 4010

MSL 402L - Advanced Military Skills and Knowledge II Lab

Credit Hours 0

Corequisite: MSL 4020

Description: See MSL 4020

MSL 1000 - The Army Physical Fitness Program

Credit Hours 1

Description: Physical Education activity course open to all University students Enables students to develop an understanding of the "total fitness" concept in order to live a more healthy and meaningful life. Increases physical awareness and personal fitness level measured through strength, muscle endurance, and cardio respiratory endurance.

MSL 1001 - Summer Fitness Training

Credit Hours 1

Prerequisite: MSL 3010, 3020

Description: Description: Preparation for required summer training of all cadets seeking an Army officer commission. Training focuses on physical fitness in preparation to take the Army Physical Fitness Test at the Leadership Development and Assessment Course.

MSL 1010 - Leadership and Management Skills I

Credit Hours 2

Corequisite: MSL 101L

Description: Time management, organizational and planning skills; and the recognition, understanding, and development of leadership abilities for the undergraduate. Introduction to the military including rappelling, history and traditions of the Armed Forces, contemporary issues facing today's Army, and introduction to Army weapons.

MSL 1020 - Leadership and Management Skills II

Credit Hours 2

Corequisite: MSL 102L

Description: Basic military skills and knowledge to include: leadership, drill and ceremonies, rappelling and mountaineering, introduction to the role, organization, and branches of the U.S. Army; introduction to first aid measures, and introduction to military decision-making process.

MSL 1030 - Leadership in Community Emergency Response I

Credit Hours 2

Prerequisite: All JROTC LET IV Cadets are eligible to enroll in this course. Cadets will be vetted by the school's Senior Army instructor.

Description: This course is designed for high school seniors who want to take college elective credit. The course is focused on building the higher level leadership skills required for participating and leading Community Emergency Response Teams (CERT). CERT is a Federal Emergency Management Administration program that educates individuals about disaster preparedness for hazards that may impact their area and trains them in basic disaster response skills. The CERT Curriculum is embedded in the US Army JROTC curriculum and is accredited by Advanced ED.

MSL 1040 - Leadership in Community Emergency Response II

Credit Hours 2

Prerequisite: MSL 1030

Description: This course builds on the effective leadership, communications, planning and teamwork skills developed in the Leadership in Community Emergency Response I course. The curriculum centerpiece for this course is the Federal Emergency Management Administration's (FEMA) Community Emergency Response Team (CERT) training. The course content includes fire safety, light search and rescue, team organization, disaster psychology, potential terrorist scenarios and disaster medical operations.

MSL 2010 - Intro to Tactical Skills I

Credit Hours 2

Corequisite: MSL 201L

Description: Two hours lecture, two hours laboratory (2) Prerequisites: permission of instructor Basic military skills and knowledge to include rifle marksmanship, firing the M- 16 rifle; instruction on the principles of leadership; and customs and traditions of the service.

MSL 2020 - Introduction to Tactical Skills

Credit Hours 2

Prerequisite: Permission of instructor

Corequisite: MSL 202L

Description: Introduction to basic tactical skills such as map reading, land navigation, and orienteering. Topics covered include basic first aid, tactical communications, introduction to tactics, and leadership.

MSL 2030 - Leaders Training Course

Credit Hours 3

Description: Required for non-veterans entering their Junior year in the fall term. Consists of 28 days (224 hours) of instruction on the principles of leadership, teamwork, drill and ceremonies, tactics, a familiarization with the basic units in the Army; practical application of the principles of patrolling, physical training, weapons familiarization and marksmanship. Qualified students may be awarded a two-year scholarship, undergraduate or graduate level.

MSL 3010 - Tactical Leadership I

Credit Hours 3

Prerequisite: MSL 1010, 1020, 2010 or 2030

Corequisite: MSL 301L

Description: Principles and skills to include: advanced map reading, land navigation, and leadership. Topics include branches of the Army first aid, hygiene, radio and communication procedures. Introduction to small unit tactics. Physical fitness is highly emphasized. Designed to prepare the student for advanced camp and future service as an officer.

MSL 3020 - Tactical Leadership II

Credit Hours 3

Prerequisite: MSL 3010

Corequisite: MSL 302L

Description: Advanced small unit tactics to include basic principles of patrolling. A study of command and staff functions, light infantry organization, weapons, principles of war, troop leading procedures, and combat orders. An analysis of leadership techniques and successful combat leadership. Physical fitness is highly emphasized. Designed to prepare the student for advanced camp and future service as an officer.

MSL 3040 - Leadership Development and Assessment Course

Credit Hours 4

Prerequisite: MSL 3010, 3020

Description: Commissioning requirements for all cadets. Consisting of five weeks (264 hours) of summer training instruction on the advanced techniques of leadership in small units; exercises in garrison, and tactical operations in the field; physical training and conditioning; weapons qualifications; orientation on combat arms team operations.

MSL 3050 - Military Leadership Internship

Credit Hours 3

Prerequisite: MSL 3010, 3020

Description: The internship consists of observation and participation in serving and leading in an active duty Army unit. The student will do all unit training while serving as an Army officer candidate for 240-300 contact hours in the field. This blends classroom theory and practical work experience.

MSL 4010 - Advanced Military Skills and Knowledge I

Credit Hours 3

Prerequisite: MSL 3020

Corequisite: MSL 401L

Description: Leadership and management instruction designed to prepare the student for commissioning, the officer basic course, and first assignment. Course includes preparation of accession packets, Army writing style; preparation of after-action reports; briefings, plans and orders; preparation and conduct of meetings; and the Army personnel, intelligence, training, and logistics systems. Physical fitness is highly emphasized.

MSL 4020 - Advanced Military Skills and Knowledge II

Credit Hours 3

Prerequisite: MSL 4010

Corequisite: MSL 402L

Description: Leadership and management instruction designed to prepare the student for commissioning, the officer basic course, and first assignment. Course includes military law and justice, role of the noncommissioned officer, customs and

traditions of the service, and fundamentals of the military profession (leadership and ethics). Physical fitness is highly emphasized.

MSL 4030 - Military Leadership Seminar I

Credit Hours 3

Description: Description: Study of U.S. "small wars" from the Barbary Pirates through our current war. Shows the impact of these conflicts on our nation and our military, highlighting we have often fought this type of conflict in our history. Topics include domestic debate, force projection, population protection, doctrinal insights, and lessons learned.

MSL 4040 - Military Leadership Seminar II

Credit Hours 3

Description: Overview of U.S. undeclared wars from the American Revolution through the current Global War on Terror (GWOT). Shows the impact of these conflicts on our military force structure, military funding, training, and doctrine, and image of our military both at home and abroad.

MSL 4050 - The U. S. Army's Role in U. S. History

Credit Hours 3

Prerequisite: MSL 3010, 301L

Description: This course provides an overview of the Army's role in U. S. History (both in times of peace and war). Highlighted are key leaders, doctrines, and the relationship between the Army and American society.

Music, Applied Music, and Individual Music Instruction

MUS 303X - Special Topics

Credit Hours

Variable Credit Hours 1 to 3

Description: Course investigates a topic of a narrower scope than other music course as designed by instructor. Subject may be a specific type of music, repertory, era, area study, composer, technique, etc.

MUS 440I - Music Internship

Credit Hours 3

Description: The Music Internship places students in professional music environments for 100 hours. Placements are determined by university supervisor, in cooperation with professional music organizations, and based on student's professional aspirations and goals of the internship

MUS 1027 - Class Piano I

Credit Hours 1

Course Changes: Course number change from MUS 1160

Prerequisite: MUS 1057;

Description: Group instruction for music majors. Preparation for the required music major piano proficiency exam. Focus on keyboard fluency, technique, score reading, sight reading, ensemble performance, and harmonization.

MUS 1030 - Introduction to Music

Credit Hours 3

Course Changes: Title change from Music Appreciation

Description: An introductory course designed to help create an awareness of the contribution which music can make toward the enrichment of living.

MUS 1040 - Introduction to Music Theory 1

Credit Hours 3

Description: This course provides an introduction to basic fundamentals of music notation, scales, meters, and beginning keyboard skills. Required for students who need preparation for MUS 1057 Music Theory I. This course is not applicable towards theory requirements in music degree programs.

MUS 1050 - Introduction to Music Theory 2

Credit Hours 3

Prerequisite: MUS 1040 or permission of the department.

Description: This course provides an introduction to basic fundamentals of scales, meters, and beginning keyboard skills and provides an introduction to basic intervals and chords. Required for students who need preparation for MUS 1057 Music Theory I. This course is not applicable towards theory requirements in music degree programs.

MUS 1057 - Music Theory I

Credit Hours 3

Course Changes: Course number change from MUS 1180

Description: Development of reading and hearing skills; study of notations, scales, meters, intervals and chords; beginning study of melody and harmony. Course MUS 1057 and MUS 1155 must be taken sequentially.

MUS 1058 - Ear Training I

Credit Hours 1

Course Changes: Number from MUS 1185 and title from Aural Skills I

Description: Students will cover basic ear training and sight singing, interval and chord identification, and melodic dictation. This course must be taken before MUS 1156.

MUS 1060 - Recital Attendance

Credit Hours 0

Description: This course requires and documents student attendance at on and/or off-campus music-related events. Music majors only.

MUS 1100 - Applied Piano LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1109 - Applied Piano 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1127 - Class Piano II

Credit Hours 1

Course Changes: number from MUS 1170

Prerequisite: MUS 1027;

Description: Group instruction for music majors. Students work toward and complete sections of their major-specific keyboard proficiency exam.

MUS 1140 - Applied Harp LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: For music majors only or permission of the chair;

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1150 - Applied Organ LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1155 - Music Theory II

Credit Hours 3

Course Changes: number from MUS 1190

Prerequisite: MUS 1057;

Description: Development of reading and hearing skills; study of notations, scales, meters, intervals and chords; beginning study of melody and harmony. Course MUS 1057 and MUS 1190 must be taken sequentially.

MUS 1156 - Ear Training II

Credit Hours 1

Course Changes: number from MUS 1195 and title from Aural Skills II

Prerequisite: MUS 1058

Description: Students will cover basic ear training and sight singing, interval and chord identification, and melodic dictation.

MUS 1159 - Applied Organ 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1169 - Piano for Adult Beginners

Credit Hours 1

Description: Piano for the adult beginner covers notation and rhythm reading. Students will be able to play simple melodies with primary chords in one semester. This course requires daily practice.

MUS 1200 - Applied Voice LD

Credit Hours

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1209 - Applied Voice 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1210 - Class Guitar I

Credit Hours 1

Prerequisite: MUS 1027;

Description: Group instruction in solo (classical-fingerstyle) guitar for students with little or no previous formal guitar instruction. Provides an introduction to playing techniques, notation, practice methods, choral playing, melodic playing, improvisation, and solo and ensemble performance. Class may be repeated twice. May be repeated twice.

MUS 1220 - Class Guitar II

Credit Hours 1

Prerequisite: MUS 1210 or permission of instructor;

Description: Continuation of Class Guitear I - group instruction in solo (classical-fingerstyle) guitar. May be repeated twice.

MUS 1250 - Class Voice

Credit Hours 1

Description: Group instruction in the fundamental processes of good singing-breathing, tone production, and diction.

MUS 1260 - Functional Percussion

Credit Hours 1

Prerequisite: MUS 2260

Description: Group instruction in percussion methods including playing techniques, improvisation, notation, and cultural considerations for music therapy students preparing to implement percussion experiences in a clinical setting.

MUS 1300 - Applied Violin LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1309 - Applied Violin 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1310 - Applied Viola LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1319 - Applied Viola 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1320 - Applied Cello LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1329 - Applied Cello 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1330 - Applied String Bass LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1339 - Applied String Bass 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1340 - Applied Saxophone LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1349 - Applied Saxophone 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1370 - Applied Flute LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1379 - Applied Flute 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1380 - Applied Oboe LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1389 - Applied Oboe 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1390 - Applied Clarinet LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1399 - Applied Clarinet 1/2 Hour

Credit Hours 1

Description: Individual instruction on a designated instrument. Each course is primarily intended for music minors and elective lessons and will be given one-half hour contact time. It may be repeated for credit.

MUS 1410 - Applied Bassoon LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1419 - Applied Bassoon 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1420 - Applied French Horn LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1429 - Applied French Horn 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1430 - Applied Trumpet LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1439 - Applied Trumpet 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1440 - Applied Trombone LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1449 - Applied Trombone 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1450 - Applied Euphonium LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1459 - Applied Euphonium 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1460 - Applied Tuba LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1469 - Applied Tuba 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1470 - Applied Percussion LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1479 - Applied Percussion 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1480 - Applied Guitar LD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Description: The purpose of level 1 applied instruction is to establish and develop collegiate-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior level hearing.

MUS 1489 - Applied Guitar 1/2 Hour

Credit Hours 1

Description: The purpose of level one (1xxx) 1/2 hour applied instruction is to establish and develop technique, artistry, and repertoire in the student's primary performance medium as appropriate for a non-major or music minor. It also provides music majors with the opportunity for study in a secondary performance area.

MUS 1500 - University Choir

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles. Open to all students with permission of the instructor.

MUS 1515 - Governor's Singers

Credit Hours 1

Prerequisite: Permission of instructor

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles. Open to all students with permission of instructor.

MUS 1550 - Applied Composition LD

Credit Hours 2

Prerequisite: Permission of instructor;

Description: Entry level for Applied Composition lessons. Depending on the experience and abilities of the student, lessons will encourage students to work with basic musical ideas and learn techniques for developing those ideas. Basic skills in orchestration, score preparation and performance in chamber and solo music.

MUS 1600 - Wind Ensemble

Credit Hours 1

Course Changes: Course name changed from Symphonic Band and description change to begin Spring 2017.

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles. Open to all students by audition or with permission of instructor.

MUS 1609 - Concert Band

Credit Hours 1

Course Changes: New course to begin Spring 2017.

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles. No audition required. Please e-mail/notify course instructor of your instrument when you enroll.

MUS 1610 - Pep Lab Band

Credit Hours 1

Course Changes: Description change to begin Spring 2017.

Description: Rehearse and perform musical presentations for APSU home basketball games, post-season tournaments, and other campus events. Open to all students. Audition and demonstration of basic skills is required (email instructor prior to Nov. 1). Participation in a pre-determined number of performances is required, all of which are on evenings and weekends.

MUS 1630 - Marching Band

Credit Hours

Variable Credit Hours 0 to 1

Description: Rehearse and perform musical and visual presentations for APSU events on and off campus. Open to all students. Audition and demonstration of basic skill is required (email instructor prior to May 1). Participation in all performances is required, and many are on Saturdays. Participation in one week of rehearsals before the semester begins ('band camp') is required.

MUS 1640 - Symphonic Band

Credit Hours 1

Course Changes: New course to begin Spring 2017.

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles. Open to all students by audition or with permission of instructor.

MUS 1700 - Collaborative Piano LD

Credit Hours 1

Prerequisite: Permission of instructor

Description: Introduction of basic collaborative practices using literature for solo instruments, solo voice, and piano duet repertoire.

MUS 1710 - Chamber Ensemble

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1712 - String Quartet

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1713 - Trio

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1714 - Flute Choir

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1715 - Woodwind Quintet

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1716 - Double Reed Ensemble

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1717 - Saxophone Ensemble

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1718 - Woodwind Trio

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1719 - Trumpet Ensemble

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1721 - Brass Quintet

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1723 - Trombone Choir

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1724 - Horn Choir

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles

MUS 1725 - Vocal Ease

Credit Hours 1

Prerequisite: Permission of instructor;

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles. Open to all students by audition or with permission of instructor.

MUS 1750 - Orchestra

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles. Open to all students by audition or with permission of instructor.

MUS 1760 - Clarinet Choir

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles. Open to any student with permission of instructor.

MUS 1775 - Folk Music Ensemble

Credit Hours 1

Variable Credit Hours 1

Prerequisite: by audition or with permission of instructor

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory-level participation in collegiate ensembles. Open to all students by audition or with permission of instructor.

MUS 1910 - Chamber Singers

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles. Open to all students by audition.

MUS 1930 - Jazz Band

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1940 - Opera Workshop

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles. Open to all students by audition or with permission of instructor.

MUS 1970 - Introduction to Music Literature

Credit Hours 3

Prerequisite: Music majors only

Description: A course which introduces beginning music majors to a broad spectrum of musical styles and types, old and new, classical and popular, in the West and in selected non-Western cultures.

MUS 1980 - Percussion Ensemble

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles.

MUS 1990 - Guitar Ensemble

Credit Hours 1

Description: The purpose of level one (1xxx) ensembles is to provide opportunity for introductory level participation in collegiate level ensembles. Open to all students with the permission of instructor.

MUS 2030 - World Music

Credit Hours 3

Prerequisite: Music majors only

Description: Exposes music majors to the varied functions and forms music has in culture, with particular emphasis on non-

western types. The study of traditional music, contemporary indigenous music, and musical fusions created and used by a variety of cultures are points of entry for exploring and understanding societies highly differentiated from our own.

MUS 2055 - Music Theory III

Credit Hours 3

Course Changes: number from MUS 2180

Prerequisite: MUS 1057, 1155;

Description: Study of harmony and voice leading; basic chromatic harmony; 16th and 18th century counterpoint; 18th century form and analysis; development of analytical and compositional skills. Continued development of reading and hearing skills. MUS 2180 and MUS 2155 must be taken sequentially.

MUS 2056 - Ear Training III

Credit Hours 1

Course Changes: number from MUS 2185 and title from Aural Skills III

Prerequisite: MUS 1058, 1156

Description: Students will cover intermediate ear training and sight singing, interval and chord identification, and melodic dictation. Must take course prior to MUS 2156.

MUS 2140 - Introduction to Jazz Harmony

Credit Hours 2

Prerequisite: MUS 1155 and permission of instructor

Description: Spelling and analysis of chords and the creation scales characteristics of jazz. Class time will be used to analyze and practice material created by established jazz artists.

MUS 2141 - Jazz Harmony Performance

Credit Hours 1

Prerequisite: MUS 1155 and permission of instructor

Description: This course extends the Intro to jazz Harmony course providing a lab experience, with either a live or a recorded rhythm section performing in the jazz style, allowing the students to improve their improvisational skills in a controlled environment and apply skills discussed in previous course.

MUS 2155 - Music Theory IV

Credit Hours 3

Course Changes: number from MUS 2190

Prerequisite: MUS 1057, 1155;

Corequisite: MUS 2055;

Description: Study of harmony and voice leading; basic chromatic harmony; 16th and 18th century counterpoint; 18th century form and analysis; development of analytical and compositional skills. Continued development of reading and hearing skills. MUS 2055 and MUS 2155 must be taken sequentially.

MUS 2156 - Ear Training IV

Credit Hours 1

Course Changes: number from MUS 2195 and title from Aural Skills IV

Prerequisite: MUS 1058, 1156;

Description: Students will cover intermediate ear training and sight singing, interval and chord identification, and melodic dictation. MUS 2056 and 2156 must be taken sequentially.

MUS 2175 - Clinical Techniques

Credit Hours 3

Prerequisite: MUS 2260

Description: This course introduces the methods of music therapy as well as adaptations, modifications, and facilitation techniques needed for clinical practice.

MUS 2200 - Popular World Music

Credit Hours 3

Description: A broad survey of present day musics designed to improve listening skills, develop aural discernment, and explore the intrinsic correlation between popular music, culture, and heritage across the globe.

MUS 2240 - Introduction to Music Education

Credit Hours 2

Prerequisite: MUS 1057

Description: Addresses many of the State Department of Education competencies including curriculum, musical assessment, and managerial competencies necessary for the 21st century music teacher. A history of music in education and various philosophies of education will be examined. Four (4) hours of field experience will be required

MUS 2260 - Introduction to Music Therapy

Credit Hours 3

Description: This course examines introductory-level concepts of music therapy including historical developments and current career options, populations served by music therapists, music as a therapeutic tool, treatment processes, and professional issues in music therapy.

MUS 2270 - Music Therapy Methods 1

Credit Hours 2

Prerequisite: MUS 2260: Intro to Music Therapy

Corequisite: MUS 2275: Music Therapy Practicum 1

Description: This course provides an overview of exceptionalities of Children and Older Adult populations and music therapy practices to address needs of these populations based on established music therapy research and evolving evidence-based practice

MUS 2275 - Music Therapy Practicum 1

Credit Hours 1

Prerequisite: MUS 2260: Introduction to Music Therapy

MUS 1210: Class Guitar I

Corequisite: MUS 2275: Music Therapy Methods 1

Description: This course provides students with opportunities to develop clinical music therapy skills within a wide variety of clinical populations and with varying levels of physical, cognitive, and behavioral health needs. Learning will come through observation, co-leading, and leading music therapy sessions under the supervision of a MT-BC.

MUS 3010 - Music History 1

Credit Hours 3

Prerequisite: MUS 1970 or 2030

Description: A historical survey of the development of music from Greek civilization through the Baroque. Courses MUS 3010 and MUS 3020 must be taken sequentially.

MUS 3020 - Music History II

Credit Hours 3

Description: A historical survey of the development of music from pre-classic era to the present day. Courses MUS 3010 and MUS 3020 must be taken sequentially.

MUS 3070 - Instructional Strategies for the Music Classroom

Credit Hours 3

Prerequisite: MUS 2240 Foundations of Music Education and Milestone I

Description: This course examines contemporary approaches, materials, knowledge, skills, developing creativity and instructional strategies of general music at the middle and high school levels.

MUS 3100 - Applied Piano UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3101 - Guitar Styles I

Credit Hours 3

Prerequisite: Successful completion of the Junior Level Examination

Description: For guitar performance majors only. Survey of solo guitar styles, including jazz and fingerstyle guitar, that fall outside of the classical repertoire studied in other courses. Analysis and performance of representative playing techniques and repertoire.

MUS 3102 - Guitar Styles II

Credit Hours 3

Prerequisite: Successful completion of the Junior Level Examination

Description: For guitar performance majors only. Continued survey of solo guitar styles, including jazz and fingerstyle guitar, that fall outside of the classical repertoire studied in other courses. Analysis and performance of representative playing techniques and repertoire.

MUS 3110 - Applied Harp UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3150 - Applied Organ UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3160 - Introduction to Music Technology

Credit Hours 3

Prerequisite: Music majors and minors or permission of instructor

Description: A practical introduction to current music technology and its application as a tool of composition, education and performance. A passing grade in this course fulfills the University computer literacy requirement and music education instructional technology requirement.

MUS 3175 - Music Therapy Clinical Processes

Credit Hours 3

Prerequisite: MUS 2260

Description: This course examines the clinical processes of referral, assessment, treatment planning, and evaluation and how these are addressed in various clinical settings based on established music therapy research and clinical case materials. This course also introduces how different theoretical orientations may influence these processes.

MUS 3200 - Applied Voice UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3255 - Elementary Music Methods

Credit Hours 3

Prerequisite: Successful completion of Junior level hearing and Transition 2 status or permission by department;

Description: An examination and application of elementary music curricula, resources, and pedagogical approaches of Kodály, Orff, Jacques-Dalcroze, and Gordon. Additional topics include assessment, technological applications, PRAXIS preparation, and guitar, recorder, and Orff-instrument proficiencies.

MUS 3265 - Functional Techniques for Classroom Instruments

Credit Hours 3

Description: This course provides an overview to the pedagogy and performance practice of recorders, Orff instruments (percussion and barred instruments), 'ukulele, and guitar. This course is designed for students seeking careers in music education or music therapy and for students majoring in elementary education who are interested in music.

MUS 3270 - Music Therapy Methods 2

Credit Hours 2

Prerequisite: MUS 2270: Music Therapy Methods 1

Corequisite: MUS 3275: Music Therapy Practicum 2

Description: This course provides an overview of behavioral health diagnoses and music therapy practices to address needs of individuals with behavioral health needs based on established music therapy research and evolving evidence-based practice.

MUS 3275 - Music Therapy Practicum 2

Credit Hours 1

Prerequisite: MUS 2260: Introduction to Music Therapy

MUS 2275: Music Therapy Practicum I

Corequisite: MUS 3270: Music Therapy Methods 2

Description: This course provides students with opportunities to develop clinical music therapy skills within a wide variety of clinical populations and with varying levels of physical, cognitive, and behavioral health needs. Learning will come through observation, co-leading, and leading music therapy sessions under the supervision of a MT-BC.

MUS 3280 - Music Therapy Methods 3

Credit Hours 2

Prerequisite: MUS 3270: Music Therapy Methods 2

Corequisite: MUS 3285: Music Therapy Practicum 3

Description: This course provides an overview of populations within rehabilitation and medical settings and music therapy practices to address the needs of individuals in these treatment settings based on established music therapy research and evolving evidence-based practice.

MUS 3285 - Music Therapy Practicum 3

Credit Hours 1

Prerequisite: MUS 2260: Introduction to Music Therapy

MUS 3275: Music Therapy Practicum II

Corequisite: MUS 3280: Music Therapy Methods 3

Description: This course provides students with opportunities to develop clinical music therapy skills within a wide variety of clinical populations and with varying levels of physical, cognitive, and behavioral health needs. Learning will come through observation, co-leading, and leading music therapy sessions under the supervision of a MT-BC.

MUS 3300 - Applied Violin UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3310 - Applied Viola UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3320 - Applied Cello UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3330 - Applied String Bass UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3340 - Applied Saxophone UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3370 - Applied Flute UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3380 - Applied Oboe UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3390 - Applied Clarinet UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3410 - Applied Bassoon UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3420 - Applied French Horn UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3430 - Applied Trumpet UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3440 - Applied Trombone UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3450 - Applied Euphonium UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3460 - Applied Tuba UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3470 - Applied Percussion UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3480 - Applied Guitar UD

Credit Hours 1 or 2

Variable Credit Hours 1 or 2

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) applied instruction is to reinforce and enhance upper-level technique, artistry, and repertoire in the student's primary performance medium in preparation for the junior or senior recital.

MUS 3500 - University Choir

Credit Hours 1

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles. Open to upper-level students with permission of the instructor.

MUS 3505 - Instrumental Pedagogy

Credit Hours 3

Prerequisite: Junior standing or permission instructor;

Description: This course serves as an introduction to pedagogical resources and accepted techniques and methods for private studio instruction.

MUS 3550 - Applied Composition UD

Credit Hours 2

Prerequisite: Successful completion of junior level hearing;

Description: Intermediate level for Applied Composition lessons following the successful completion of the Junior Level

Hearing. Lessons will continue to develop students' abilities in musical development, with more advanced skills in orchestration, score preparation and performance in works written for larger ensembles.

MUS 3600 - Wind Ensemble

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles. Open to upper-level students by audition or with permission of instructor.

MUS 3609 - Concert Band

Credit Hours 1

Course Changes: New course to begin Spring 2017.

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles. Open to all students. No audition required. Please email/notify instructor of your instrument when you enroll.

MUS 3610 - Pep-Lab Band

Credit Hours 1

Course Changes: Description change to begin Spring 2017.

Description: Rehearse and perform musical presentations for APSU home basketball games, post-season tournaments, and other campus events. Open to all students. Audition and demonstration of basic skills is required (email instructor prior to Nov. 1). Participation in a pre-determined number of performances is required, all of which are on evenings and weekends.

MUS 3630 - Marching Band

Credit Hours 1

Course Changes: Prerequisite added to begin Spring 2017.

Prerequisite: Successful completion of junior level hearing;

Description: Rehearse and perform musical and visual presentations for APSU events on and off campus. Open to all students. Audition and demonstration of basic skill is required (email instructor prior to May 1). Participation in all performances is required, and many are on Saturdays. Participation in one week of rehearsals before the semester begins ('band camp') is required.

MUS 3640 - Symphonic Band

Credit Hours 1

Course Changes: New course to begin Spring 2017.

Prerequisite: Successful completion of Junior level hearing;

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles. Open to upper-level students by audition or with permission of instructor.

MUS 3700 - Collaborative Piano UD

Credit Hours 1

Prerequisite: Successful completion of junior level hearing in piano

Description: Advancing skills including practices differing for vocal and instrumental accompanying. Beginning exploration of repertoire for small chamber ensembles, chorus, and orchestra as appropriate.

MUS 3710 - Chamber Ensemble

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3712 - String Quartet

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3713 - Trio

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3714 - Flute Choir

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3715 - Woodwind Quintet

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3716 - Double Reed Ensemble

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3717 - Saxophone Ensemble

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3718 - Woodwind Trio

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3719 - Trumpet Ensemble

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3721 - Brass Quintet

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3723 - Trombone Choir

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3724 - Horn Choir

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3725 - Vocal Ease

Credit Hours 1

Prerequisite: Permission of instructor;

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles. Open to upper-level students by audition or with permission of instructor.

MUS 3750 - Orchestra

Credit Hours 1

Course Changes: Course number change from 3350, description change, prerequisite added to begin Spring 2017.

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles. Open to all upper-level students by audition or with permission of instructor.

MUS 3760 - Clarinet Choir

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3775 - Folk Music Ensemble

Credit Hours 1

Variable Credit Hours 1

Dual Listed: MUS 1775

Prerequisite: by audition or with permission of instructor

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles. Open to upper-level students by audition or with permission of instructor.

MUS 3800 - Basic Conducting

Credit Hours 2

Description: Elementary theory and practice of conducting including basic beat patterns, subdivisions, beat character, basic score reading.

MUS 3810 - Choral Conducting

Credit Hours 2

Prerequisite: MUS 3800

Description: The theory and practice of choral conducting including expressive gestures, score preparation, asymmetrical beat patterns, establishing proper mood, and interpretation based on an understanding of historical style periods. Functional knowledge of string, wind, and percussion instruments.

MUS 3820 - Instrumental Conducting

Credit Hours 2

Prerequisite: MUS 3800

Description: Problems of instrumental balance, style, intonation, phrasing, dynamics, and tone quality are considered. Additional factors considered include score preparation, transposition, proper rehearsal techniques, and an understanding of musical terms and symbols and their proper interpretation within the context of the musical score.

MUS 3860 - Guitar Pedagogy

Credit Hours 3

Description: Survey of pedagogical resources and methods for the classical guitar.

MUS 3890 - Brass Group Instruction

Credit Hours 1

Description: Acquisition of a working knowledge of the brass-wind instruments through study of their mechanical operation and performance techniques; elementary performance experiences.

MUS 3900 - Percussion Group Instruction

Credit Hours 1

Description: Acquisition of a working knowledge of the percussion instruments through study of their mechanical operation and performance techniques; elementary performance experiences.

MUS 3910 - Chamber Singers

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles. Open to upper-level students by audition.

MUS 3930 - Jazz Band

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3940 - Opera Workshop

Credit Hours 1

Prerequisite: Successful completion of junior level hearing;

Description: The purpose of level three (3xxx) opera is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles. Open to upper-level students by audition or with permission of instructor.

MUS 3950 - Junior Recital

Credit Hours 1

MUS 3980 - Percussion Ensemble

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 3990 - Guitar Ensemble

Credit Hours 1

Description: The purpose of level three (3xxx) ensembles is to develop student leadership, musicianship and artistry suitable for upper-level collegiate ensembles.

MUS 4110 - Music Analysis 1

Credit Hours 3

Prerequisite: MUS 2155, MUS 2156;

Description: Development of formal, harmonic and linear analytical skills for early through late Romantic music (1815-1900).

MUS 4120 - Music Analysis 2

Credit Hours 3

Prerequisite: MUS 2155, MUS 2156;

Description: Development of formal, harmonic/pitch language and linear analytical skills for Impressionist, Expressionist, serial and post-World War II compositional styles (1900 to present day).

MUS 4200 - Music Therapy Research Methods

Credit Hours 3

Prerequisite: MATH 1530 – Elements of Statistics

MUS 2260 - Introduction to Music Therapy

Description: An examination of research methods in music therapy including related literature, qualitative and quantitative design, and research ethics; conducting, reviewing, and analyzing research data for application to evidence-based practice

MUS 4210 - Music Therapy Practicum 4

Credit Hours 1

Prerequisite: MUS 2275, MUS 3275, and MUS 3285

Description: This course provides students with opportunities to develop clinical music therapy skills to address a variety of physical, cognitive, and behavioral health needs. As the capstone semester of practicum, student focus will be centered on independently designing and leading all practicum sessions.

MUS 4240 - Marching Band Techniques

Credit Hours 3

Prerequisite: MUS 2240, Transition 1

Description: An examination of the marching band musical/visual repertoire, charting materials, instructional methods, administration, financial management, equipment and advocacy involved with directing a marching band.

MUS 4250 - Psychology of Music

Credit Hours 3

Prerequisite: Junior Level hearing

Description: An examination of selected psychological perspectives in music including perception, preference, cognition, creativity, aesthetics, physiological responses, acoustics and the impact of music on human behavior.

MUS 4251 - Alexander Technique

Credit Hours 1

Dual Listed: MUS 5250

Prerequisite: Upper division status within the music major or approval of the instructor.

Description: This course will consider the principles of the Alexander Technique as applied to everyday life and performance. Exploration in Body Mapping and the techniques developed by F. M. Alexander will aid in obtaining an accurate and heightened kinesthetic sense while engaging in daily activities. The course is open to majors and non-majors.

MUS 4260 - Secondary Instrumental Methods

Credit Hours 3

Prerequisite: Successful completion of Junior level hearing and Transition 2 (Milestone II requirements) status or permission of department

Description: Examination of public school grade 6-12 instrumental music teaching methods, lesson planning, rehearsal strategies, pedagogy, and performance literature. Activities include projects, presentations, reading, research, discussion and mock teaching sessions.

MUS 4270 - Vocal Pedagogy

Credit Hours 3

Dual Listed: MUS 5270

Prerequisite: Must have passed the Junior Level Hearing or receive prior approval from the instructor.

Description: Widely accepted methods of solo vocal instruction and problems encountered in vocal pedagogy. This course is primarily concerned with the development of the young singing voice.

MUS 4280 - Piano Pedagogy

Credit Hours 3

Description: Techniques in teaching piano by the class method; materials and methods for private instruction.

MUS 4310 - Survey of Piano Literature

Credit Hours 3

Description: An historical survey of the contributive elements, stylistic characteristics, form and keyboard techniques from the 16th century to the 20th century. Intended primarily for piano majors; others with the consent of the instructor.

MUS 4320 - Guitar Literature

Credit Hours 3

Prerequisite: Guitar major or permission of instructor

Description: Prerequisite: Guitar major or permission of instructor Survey of guitar repertoire, literature, and associated performance practices from the Renaissance to the present.

MUS 4330 - Music Before 1750

Credit Hours 3

Prerequisite: MUS 3010 or permission of instructor

Description: Repertoires of Medieval, Renaissance, and Baroque music; development of methods for structural analysis and the critical appraisal of style change; study of individual pieces representing the major repertoires; study of notation, theory, and performance practice.

MUS 4340 - Music from 1750 to 1900

Credit Hours 3

Prerequisite: MUS 3020 or permission of instructor

Description: Repertoires of Classical and Romantic music; structural and style-critical analysis of individual pieces representing the major repertoires of the period.

MUS 4350 - Music after 1900

Credit Hours 3

Prerequisite: MUS 3020 or permission of instructor

Description: Repertoires of the Modern period; development of methods and strategies for structural and style-critical analysis; study of aesthetic and theoretical issues; study of individual pieces representing the major repertoires.

MUS 4370 - Art Song Literature

Credit Hours 3

Prerequisite: MUS 3020 or permission of instructor

Description: Solo vocal literature from the 17th century to the present; including French, German, British, and American repertoire.

MUS 4380 - Choral Methods

Credit Hours 3

Prerequisite: Successful completion of Junior Level hearing and Transition 2 status or permission by department

Description: Problems of chorus and choral instruction with the emphasis on organization, rehearsal, diction, intonation, tone quality, balance, blend, and style. Deals specifically with choral music in the secondary school.

MUS 4385 - African American Contributions to Art Music

Credit Hours 3

Dual Listed: MUS 5375

Description: This course will explore the contributions of select African American composers, performers, and champions to art music within an historical and cultural context.

MUS 4390 - Choral Literature

Credit Hours 3

Prerequisite: MUS 1970 or 2030 or permission of instructor

Description: Choral music from the 16th century to the present with emphasis on the major compositions including a cappella works and extended works with chorus and orchestra.

MUS 4420 - Symphonic Literature

Credit Hours 3

Prerequisite: MUS 3020 or permission of instructor

Description: Repertoire of the symphony orchestra from its origins around 1750 to the present day.

MUS 4425 - Composition and Improvisation for Music Therapy

Credit Hours 3

Prerequisite: Piano and Guitar Proficiency

Description: This course introduces students to improvisational techniques, developing the ability to create music using traditional and non-traditional harmonies and musical forms and accompaniments, utilizing piano, guitar, voice, non-pitched instruments, and music technology, and demonstrating ways to use these skills in clinical practice.

MUS 4430 - Chamber Music Literature

Credit Hours 3

Prerequisite: MUS 3020 or permission of instructor

Description: Chamber music repertoire from the 18th century to the present day.

MUS 4450 - Opera Literature

Credit Hours 3

Prerequisite: MUS 3020 or permission of instructor

Description: Development of opera from its beginning in the late 16th century to the present.

MUS 4460 - Music of Many Cultures

Credit Hours 3

Prerequisite: MUS 1970 or permission of instructor

Description: The study of folk and traditional music from North and South America, Asia, Australia, Africa, and Europe. Music students' training in classical Western music will be used as a point of departure for developing and applying critical and analytical skills to non-Western music.

MUS 4500 - Music Curriculum and Assessment

Credit Hours 3

Prerequisite: Successful completion of Junior level hearing and Transition 2 or permission by department.

Description: Examination and application of formative and summative music assessment strategies and techniques, curricular scope and sequence for general music classes and performing ensembles (kindergarten through 12th grade). Assessment data to guide musical and pedagogical choices. Includes field experiences. Designed to take place during the Practicum semester.

MUS 4522 - Italian Diction for Singers

Credit Hours 1

Description: Fundamentals of correct pronunciation of the language for singing, speaking, and the international phonetic alphabet.

MUS 4523 - German Diction for Singers

Credit Hours 1

Description: Fundamentals of correct pronunciation of the language for singing, speaking, and the international phonetic alphabet.

MUS 4524 - French Diction for Singers

Credit Hours 1

Description: Fundamentals of correct pronunciation of the language for singing, speaking, and the international phonetic alphabet.

MUS 4525 - Latin/English Diction for Singers

Credit Hours 1

Description: Fundamentals of correct pronunciation of the two languages for singing, speaking, and the International Phonetic Alphabet.

MUS 4550 - Music for Winds and Percussion

Credit Hours 3

Dual Listed: MUS 5550

Prerequisite: MUS 2155

Description: Development of music ensembles of wind and percussion instruments. Analysis of representative works.

MUS 4780 - Instrumental Methods for Vocalists

Credit Hours 1

Description: Description: This course provides an overview of woodwind, brass, percussion, and orchestral string instruments for music education majors in the vocal/keyboard track; covering instrumental program administration, instrument care and maintenance, and the basics of embouchure, playing position, tone production, and instrumental pedagogy.

MUS 4790 - Flute and Double Reed Group Instruction

Credit Hours 1

Description: Practical playing experience and instruction in methods of tone production, fingering, and care of the single reed, double reed and non-reed woodwind instruments.

MUS 4800 - Clarinet/Saxophone Group Instruction

Credit Hours 1

Description: Practical playing experience and instruction in methods of tone production, fingering, and care of the double reed, and non-reed woodwind instruments.

MUS 4810 - Orchestration

Credit Hours 2

Prerequisite: MUS 2155

Description: Arranging and transcribing for instruments; basic ranges and transpositions; sonorities of individual instruments and their combinations.

MUS 4890 - String Group Instruction

Credit Hours 1

Description: Acquisition of a working knowledge of the violin, viola, cello, and bass viol through practical playing experience, emphasizing position, fingering, and bowing problems.

MUS 4900 - Directed Study

Credit Hours 3

Prerequisite: Junior standing in music and prior approval of instructor

Description: Open to upper division music students seeking additional study in a specific area not provided in regular course work with the prior approval of the instructor.

MUS 4950 - Senior Recital

Credit Hours 1

Description: The senior recital is the capstone course of all music concentrations wherein students demonstrate their progress in applied instruction at the undergraduate level through solo performance.

MUS 4955 - Music Capstone

Credit Hours 1

Variable Credit Hours 1

Prerequisite: Senior status

Description: This capstone course is intended to prepare music students pursuing concentrations in Performance (BM) or Liberal Studies (BA/BS) for the non-performance aspects of their recitals and for work in the professional field of music.

National Security Studies

NSS 1010 - Introduction to National Security Studies

Credit Hours 3

Description: This course introduces students to National Security Studies. Students completing this course will know the nature

of the national security organizations and their responsibilities, be aware of the major strategic issues confronting the nation, and know the current national strategy for responding to national security threats.

NSS 2010 - Research Methods in National Security Studies

Credit Hours 3

Description: Introduces students the scientific method of researching national security questions. Students examine topics of research questions, hypothesis construction, concepts and measurements, experimental designs, sampling, causation, ethics, intelligence reliability, survey research, secondary data, content analysis, field research, evaluation research, quantitative data analysis, qualitative data analysis, reporting of results and data interpretations, as well as the overall connection of these topics to scientifically answering national security questions.

NSS 2100 - Current and Emerging Threats to US Security

Credit Hours 3

Description: Examination of U.S. security challenges defined in the president's current National Security Strategy. Emerging national and global threats will also be explored with content updated as they surface. Discussion of emerging threats may reflect the instructor's expertise and include topics like armed conflicts, terrorism, cyberattacks, emerging technologies, global health, etc.

NSS 2200 - Introduction to Intelligence Analysis

Credit Hours 3

Description: A basic introduction to intelligence research, analytic techniques, types of intelligence (e.g., OSINT, HUMINT, etc.), common formats for structuring written and oral products, and effective communication of intelligence findings. Students will also learn the ethics of human research and practice beginner level skills in data collection, processing, visualization, and evaluation.

NSS 2250 - The U.S. Intelligence Community

Credit Hours 3

Description: A brief history of the U.S. intelligence community (IC), its reorganization after 9/11, and its modern day structure. This course also covers the different missions and roles of the U.S. intelligence organizations and provides a brief overview of the U.S.'s key intelligence partners vs. strategic competitors in foreign countries and how they differ.

NSS 2400 - Global vs Regional Power Conflicts

Credit Hours 3

Description: This course explores historical and modern day conflicts related to power competition at both the global and regional levels. Some attention will be given to theoretical concepts on power transition, alliances, hegemony, and the "steps to war".

NSS 3000 - Comparative Security Issues

Credit Hours 3

Prerequisite: NSS 1010 ; Prerequisite can be waived with instructor approval.

Description: This course is designed as an examination of both traditional and non-traditional security concerns. It aims to provide students with the fundamental tools necessary to understand problems in international security now and in the future. It will explore elements of security from a U.S. and non-U.S. comparative perspective

NSS 3100 - Conflict Management and Peace Operations

Credit Hours 3

Description: Overview of the main methods for peacefully resolving international and civil conflicts, especially as prescribed by the United Nations for Membership. Also covers peace operations by multilateral organizations through the use of military or civilian peacekeeping forces. Students will analyze best practices and historical failures or successes.

NSS 3130 - NATO and Alliance Management

Credit Hours 3

Description: An overview of the history and modern significance of U.S. alliance obligations, especially with the North Atlantic Treaty Organization (NATO). Additional topics include the National Guard's State Partnership Program, alliance politics, traditional and nontraditional aspects of security, and theories related to power, security, and alliances.

NSS 3200 - Critical Thinking Skills for Intelligence

Credit Hours 3

Prerequisite: NSS 2200

Description: Exploration of different methods for improving one's ability to critically analyze intelligence information and reduce the potential for intelligence failures. Methods may include Socratic questioning, assessment of intelligence credibility, identification of biases that can skew information, redteaming scenarios, collaborative problem-solving, and assessing ways data can be misinterpreted or outcomes misestimated.

NSS 3250 - The Intelligence Cycle

Credit Hours 3

Prerequisite: NSS 2200

Description: An overview of the U.S. intelligence cycle, intelligence theories, oversight structures, and types of intelligence gathering disciplines (e.g., OSINT, HUMINT, SIGINT, etc.). Students will also practice intermediate level data gathering, visualization, and interpretation methods.

NSS 3300 - Political Risk Analysis

Credit Hours 3

Description: This course focuses on how countries' geographic and political factors can impact corporations. Such shifts can

arise from changes in policies, armed conflict, a disregard for proprietary laws, terrorist attacks, and health care concerns, among other issues. Students will practice geopolitical risk assessments for corporations across multiple countries.

NSS 3310 - Corporate Security

Credit Hours 3

Description: Security principles and practices related to corporate security, including risk assessment, redteaming, gap analysis, fraud prevention, information security, protection of people and assets, artificial intelligence, and crisis management.

NSS 3410 - International Law and Warfare

Credit Hours 3

Description: This course will provide students with an introductory overview of international law as a discipline in its historical context, and explore in detail the fundamentals of the laws of war.

NSS 3420 - Genocide and International Crimes

Credit Hours 3

Description: This course is designed to introduce students to the fundamentals of International Criminal Law. Given the wide extra-territorial reach of international criminal norms, an understanding of international criminal law is essential for any future national security or legal professional.

NSS 3500 - Current and Emerging Threats to US Security

Credit Hours 3

Description: Examination of U.S. security challenges defined in the president's current National Security Strategy. Emerging national and global threats will also be explored with content updated as they surface. Discussion of emerging threats may reflect the instructor's expertise and include topics like armed conflicts, terrorism, cyberattacks, emerging technologies, global health, etc.

NSS 3600 - Global vs Regional Power Conflicts

Credit Hours 3

Description: This course explores historical and modern day conflicts related to power competition at both the global and regional levels. Some attention will be given to theoretical concepts on power transition, alliances, hegemony, and the "steps to war."

NSS 3610 - The State, Society, and the Modern Military

Credit Hours 3

Prerequisite: NSS 2010 or equivalent Research Methodology course is required. Prerequisite can be waived with instructor approval.

Description: This course explores the relationship between militaries and the polities they serve. Militaries are crucial

governmental institutions, serving as the guardians of safety. However, they also possess the capability to endanger their polities. Striking the proper balance between military capability and civilian control is therefore essential.

NSS 4100 - International Diplomacy

Credit Hours 3

Description: Exploration of key theories and concepts related to international diplomacy, negotiations, and crisis prevention or response. Lessons from historical cases will be used to formulate diplomatic responses to modern international issues in such areas as trade, conflict, security, human rights, global health, the environment, etc.

NSS 4200 - Structured Analytic Techniques

Credit Hours 3

Cross Listed: CRJ 4125

Prerequisite: NSS 2200

Description: This course covers analytic techniques used by the intelligence community (IC) to improve intelligence analysis, especially through the reduction of human error associated with systemic bias and random noise. Students will learn to use techniques like brainstorming, cross-impact matrix, key assumptions check, "What If?" analysis, high impact / low probability analysis, chronologies and timelines, etc., to reduce the likelihood of intelligence failures.

NSS 4290 - Special Topics in Intelligence

Credit Hours 3

Description: This elective course enables the program to address special topics in U.S. intelligence, foreign intelligence, and methodologies related to collecting, researching, and utilizing intelligence and counterintelligence, etc. Topics may include such things as: Denial and Deception, Collection and Analysis, Counterintelligence, Open-Source Intelligence (OSINT), Human Intelligence (HUMINT), etc.

NSS 4300 - Nuclear Assets & Human Security

Credit Hours 3

Description: This course provides a quick background on the development of nuclear energy and nuclear arms. Then it turns to a discussion of various security topics related to nuclear facilities and nuclear arms, such as treaties, oversight, facility security, illegal spread of technologies, and measures to prevent nuclear attacks or warfare.

NSS 4390 - Special Topics in Corporate Security

Credit Hours 3

Description: This elective course enables the program to address special topics in physical security - both corporate security and physical security related to public/government entities. Topics may include such things as: Mass Attack - Prevention and Response, Environmental Security, Critical Resources, or Cyberattack Prevention and Response.

NSS 4590 - Special Regional Topics

Credit Hours 3

Description: This elective course enables the program to address important issues, practices, politics, and national security studies issues related to key U.S. partners (allies). Emphasis is given to Europe as this is a specialty area for program instructors. Topics may include such things as: Politics of Eastern Europe Post-1990; Comparative Laws in the US & European Union; Law & Politics of the European Union.

NSS 4600 - Fundamentals of War

Credit Hours 3

Description: A survey of the causes of war, armed conflict, and violence among both nations and non-state actors. Prevention, conflict cessation, moral justifications for war, and trends in war research are also covered.

NSS 4860 - National Security Studies Internship and Practicum

Credit Hours 1-12

Variable Credit Hours 1-12

Cross Listed: CRJ 4860

Prerequisite: Declared major in national security studies and permission of the department.

Description: This course involves work experience with a cooperating national security related agency, public or private. Final analytic paper, essays, journals, or oral presentation as required by the instructor. Satisfactory employer evaluation required for passing grade. Prior approval of a member of the University faculty required.

NSS 4890 - Special Topics in US National Security

Credit Hours 3

Description: This elective course enables the program to address important issues, practices, and developments in national security studies. Special Topics in National Security Studies is a seminar course that covers such topics as red teaming, corporate security, conflict mediation in warfare, and regional studies of conflict zones that impact U.S. security.

NSS 4900 - Directed Individual Study in National Security Studies

Credit Hours 1-4

Variable Credit Hours 1-4

Prerequisite: Permission of the instructor.

Description: This directed individual study course offers students the opportunity to conduct in-depth research and analysis on a specific topic or area within the field of national security studies. Through guided study and research, students will delve into advanced concepts, theories, and practical applications, culminating in a comprehensive project or research paper.

NSS 4990 - National Security Studies Capstone

Credit Hours 3

Description: National Security Studies Capstone provides engagement in a student-centered, content-related learning experience that serves as a summary and synthesis of courses in a student's undergraduate academic career. Students select an area of interest related to their academic studies and engage in an activity leading to a research project or applied project reflective of comprehensive knowledge gained in undergraduate studies and demonstrate their knowledge of the outcomes of the Bachelor of Science degree in National Security Studies.

Nursing

NURS 408L - CCSA Health Care Comparison

Credit Hours 3

Description: Short study abroad course - approximately 2 weeks.

NURS 2010 - Concepts of Professional Nursing

Credit Hours 3

Prerequisite: Requires admission to the prelicensure nursing program. BIOL 2010/2011, 2020/2021, 2300/2301; PSYC 1030, 3100; MATH 1530; SOC 1010

Description: This course introduces issues essential to the professional nursing role including historical, ethical, legal, and professional content. This course also provides the basis for developing student proficiency necessary to meet scholarly expectations of the university and the nursing profession.

NURS 2020 - Nursing Assessment

Credit Hours 3

Prerequisite: Requires admission to the prelicensure nursing program. BIOL 2010/2011, 2020/2021, 2300/2301; PSYC 1030, 3100; MATH 1530, SOC 1010;

Corequisite: NURS 2021

Description: Prepares the student to perform holistic nursing assessments and physical examination.

NURS 2021 - Nursing Assessment Clinical

Credit Hours 1

Prerequisite: Requires admission to the prelicensure nursing program.

Corequisite: NURS 2020

Description: On file.

NURS 2030 - Fundamentals of Nursing

Credit Hours 4

Prerequisite: Requires admission to the prelicensure nursing program.

Corequisite: NURS 2031

Description: This course introduces students to a basic nursing knowledge, foundation of concepts, and basic skills for entry into the nursing profession. Course content includes understanding the social, interpersonal, human diversity, and technological components of professional nursing. An introduction to the nursing process provides a decision-making framework to assist students in developing effective clinical judgment skills. Quality care, safety, legal and ethical situations are introduced and applied in both the laboratory and clinical settings. Includes 4 student credit hours of skills lab/clinical experience.

NURS 2031 - Fundamentals of Nursing Clinical

Credit Hours 4

Prerequisite: Requires admission to the prelicensure nursing program.

Corequisite: NURS 2030

Description: This course introduces students to a basic nursing knowledge, foundation of concepts, and basic skills for entry into the nursing profession. Course content includes understanding the social, interpersonal, human diversity, and technological components of professional nursing. An introduction to the nursing process provides a decision-making framework to assist students in developing effective clinical judgment skills. Quality care, safety, legal and ethical situations are introduced and applied in both the laboratory and clinical settings. Includes 4 student credit hours of skills lab/clinical experience. This clinical accompanies NURS 2030. It must be taken concurrently with NURS 2030. The same grade will be given in lecture and lab.

NURS 2040 - Introduction to Pharmacology

Credit Hours 1

Prerequisite: Requires admission to the prelicensure nursing program.

Description: Provides the basis for study of pharmacology principles. Includes safe dosage calculation and intravenous medication delivery. Prepares the beginning nursing student for future pharmacology courses in the nursing program.

NURS 3020 - Psychopharmacology

Credit Hours 2

Prerequisite: Completion of sophomore level nursing courses or permission of program director

Description: Integrates the principles of psychopharmacology in relation to the neurological and biological effects of imbalances in human thought. Includes knowledge of safe and effective clinical management of clients taking psychotropic medications as well as alternative remedies.

NURS 3060 - Psychiatric Mental Health Nursing

Credit Hours 4

Prerequisite: Completion of sophomore level nursing courses;

Corequisite: NURS 3061

Description: Application of self-care, self-awareness, therapeutic communication, and the nursing process in a variety of environments that encompass psychiatric mental health.

NURS 3061 - Psychiatric Mental Health Nursing Clinical

Credit Hours 3

Corequisite: NURS 3060

Description: This clinical accompanies NURS 3060. It must be taken concurrently with NURS 3060. The same grade will be given in lecture and lab.

NURS 3070 - Adult Health I Nursing

Credit Hours 4

Prerequisite: Completion of sophomore-level nursing courses;

Corequisite: NURS 3071

Description: Application of the nursing process in the care of adults as a structured environment.

NURS 3071 - Adult Health I Nursing Clinical

Credit Hours 4

Corequisite: NURS 3070

Description: This clinical accompanies NURS 3070. It must be taken concurrently with NURS 3070. The same grade will be given in lecture and lab.

NURS 3080 - Lifespan Pharmacology

Credit Hours 4

Prerequisite: Completion of sophomore level nursing courses or permission of program director

Corequisite: NURS 3070/3071

Description: Integrates the principles of pharmacology and pathophysiology for clients across the lifespan. Emphasizes pharmacotherapeutics for disorders across the life span.

NURS 3090 - Special Topics Nursing

Credit Hours 1

NURS 3180 - Pharmacology for Nursing

Credit Hours 2

Prerequisite: Admission to the RN to BSN completion program and completion of sophomore level courses.

Description: Integrates the principles of pharmacology and pathophysiology for clients across the lifespan and principles of psychopharmacology in relation to neurological and biological effects of chemical imbalances on human behavior.

NURS 3210 - Introduction to Nursing Research

Credit Hours 3

Prerequisite: Completion of Sophomore level courses

Description: Introduces the research process with emphasis on the evaluation and application of nursing research.

NURS 3300 - Concepts of Professional Nursing for RNs

Credit Hours 3

Course Changes: Previously NURS 3010

Prerequisite: Admission to RN to BSN concentration

Description: Introduces concepts and theories of nursing and how these are used by holistic Registered Nurses. Skills of professional writing are developed and concepts of integration of the RN into the BSN role are applied to practice.

NURS 3310 - Nursing Research for RNs

Credit Hours 3

Prerequisite: NURS 3300

Description: Introduces the research process with emphasis on evaluation and application of nursing research to current practice for RNs. The research process, terminology, qualitative and quantitative perspectives are presented in an attempt to develop a foundation for evidence-based holistic practice. Nursing research studies will be evaluated for their content and their application to clinical practice.

NURS 3341 - Holistic Nursing for RNs

Credit Hours 3

Pre/Corequisite NURS 3300

Description: The course presents scope of practice and guidelines to prepare the practicing RN for pathway to BSN level certification in holistic nursing with American Holistic Nurses Credentialing Corporation.

NURS 3343 - Emergency Room Nursing for RNs

Credit Hours 3

Pre/Corequisite NURS 3300

Description: This course provides the working RN with elements of ER nursing that provide a pathway to the BSN RN level national certification in Certified Emergency Nursing (CEN®) exam administered by the Board of Certification of Emergency Nursing (BCEN®).

NURS 3344 - Wound Care Management for RNs

Credit Hours 3

Prerequisite: Admission to RN to BSN Concentration

Pre/Corequisite NURS 3300 Concepts for RNs

Description: This course presents scope of practice and guidelines to prepare the practicing RN for a pathway to certification as a Wound Treatment Associate (WTA) through the Wound, Ostomy and Continence Nursing Certification Board (WOCNCB).

NURS 3380 - Pathophysiology for RNs

Credit Hours 2

Prerequisite: Admission to the RN to BSN Concentration AND completion or registration of NURS 3300

Description: Presents a review for RNs of the principles of pathophysiology in relation to holistic assessment, progression, and treatment of disease in humans. Integrates principles of pathophysiology for clients across the lifespan.

NURS 3390 - Nursing Assessment for RNs

Credit Hours 3

Course Changes: Previously NURS 3120

Cross Listed:

Prerequisite: Admission to the RN to BSN Concentration

Corequisite: NURS 3391

Pre/Corequisite NURS 3300

Description: Prepares the student to perform holistic nursing assessment and physical examination. Inter-professional communication and collaboration is emphasized. The student is expected to assess and respect sociological, cultural, spiritual, financial, and technical variances as they relate to individual clients. The student is expected to conduct assessments of patients with professionalism and professional values. The course and the lab are taken in the same semester.

NURS 3391 - Nursing Assessment for RNs Lab

Credit Hours 1

Prerequisite: Admission to the RN to BSN concentration.

Corequisite: NURS 3390

Pre/Corequisite NURS 3300

Description: This clinical accompanies NURS 3390. It must be taken concurrently with NURS 3390. The same grade will be given in lecture and lab.

NURS 4000 - Preceptor Experience

Credit Hours 2

Prerequisite: Completion of all 2000 and 3000 nursing courses and approval of School of Nursing

Description: An elective course that offers refinement of clinical skills, organizational principles, and care under the supervision of Registered Nurse preceptors at Vanderbilt University Medical Center and the Austin Peay School of Nursing faculty. This course is offered only in the summer semester for current nursing students who have completed all 2000 and 3000 level nursing courses. Space is limited and enrollment must be approved by the School of Nursing. 280 Clinical Hours.

NURS 4005 - Social Justice through Health Policy

Credit Hours 3

Variable Credit Hours 3

Description: Students will gain the knowledge and skills needed to promote social justice and positive social change through health policy by applying advocacy and quality improvement aspects in order to impact the quality, safety, equity, and access of practice in the healthcare system.

NURS 4040 - Maternal Child Nursing

Credit Hours 4

Prerequisite: Completion of junior level nursing courses;

Corequisite: NURS 4041

Description: Prepares the student to apply knowledge of development and assessment skills while caring for infants, children, adolescents, and child bearing family. Emphasizes health teaching and health promotion

NURS 4041 - Maternal Child Nursing Clinical

Credit Hours 4

Corequisite: NURS 4040

Description: This clinical accompanies NURS 4040. It must be taken concurrently with NURS 4040. The same grade will be given in lecture and lab.

NURS 4050 - Community and Public Health Nursing

Credit Hours 3

Corequisite: NURS 4051;

Description: Introduces student to community health nursing by focusing on prevention and health promotion practices. Provides clinical experiences with individuals, families, and groups in community settings.

NURS 4051 - Community and Public Health Nursing Clinical

Credit Hours 3

Corequisite: NURS 4050;

Description: This clinical accompanie NURS 4050. It must be taken concurrently with NURS 4050. The same grade will be given in lecture and lab.

NURS 4060 - Adult Health II Nursing

Credit Hours 4

Prerequisite: Completion of junior level nursing courses;

Corequisite: NURS 4061

Description: Continued application of the nursing process in the care of adults with complex health problems in multiple environments.

NURS 4061 - Adult Health II Nursing Clinical

Credit Hours 4

Corequisite: NURS 4060;

Description: This clinical accompanies NURS 4060. It must be taken concurrently with NURS 4060. The same grade will be given in lecture and lab.

NURS 4070 - Nursing Leadership and Professional Management

Credit Hours 3

Prerequisite: Completion of Junior Nursing courses

Corequisite: NURS 4071;

Description: Introduces managerial and leadership and concepts and helps the student apply them to the professional nurse role.

NURS 4071 - Nursing Leadership and Professional Management Clinical

Credit Hours 3

Corequisite: NURS 4070;

Description: This clinical accompanies NURS 4070. It must be taken concurrently with NURS 4070. The same grade will be given in lecture and clinical.

NURS 4080 - Trends and Issues of Professional Nursing

Credit Hours 2

Prerequisite: Successful completion of Junior Nursing courses

Description: Promotes sensitivity to the potential for nurse initiated change through evaluation of current trends and issues impacting upon health care delivery and the nursing profession.

NURS 4090 - Independent Health Care Study

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

NURS 4100 - Clinical Integration

Credit Hours 1

Prerequisite: This course must be taken during the semester in which the student is scheduled to graduate from the BSN program

Description: A clinical synthesis of normal anatomy, physiology, pathophysiology, and nursing assessment concepts in patients

with selected illnesses. Students are guided through the steps of problem solving, prioritizing needs, determining short term and long term goals, anticipating therapeutic interventions, and initiating appropriate nursing care.

NURS 4105 - A Social Justice Approach to Population Health and Preventive Measures

Credit Hours 3

Variable Credit Hours 3

Description: This course will engage students in interprofessional discussions to address prevention and population health issues through a social justice approach. Students will be working in interprofessional teams to apply critical appraisal of evidence for the social determinants of health that affect "at risk" populations, addressing population health ecosystem, and creating culture change.

NURS 4120 - Clinical Integration for the BSN Completion Track

Credit Hours 3

Prerequisite: Admission to the BSN completion track

Description: A clinical synthesis of normal anatomy, physiology, pathophysiology, and nursing assessment concepts in patients with selected illnesses. Students are guided through the steps problem solving, prioritizing needs, determining short and long term goals, anticipating therapeutic intervention, and initiating appropriate nursing care. One hour credit practicum will validate transfer of knowledge from classroom to the clinical.

NURS 4180 - Trends and Issues of Professional

Credit Hours 2

Prerequisite: Admission to the RN to BSN completion program and completion of sophomore level courses.

Description: Promotes sensitivity to the potential nurse initiated change through evaluation of current trends and issues impacting upon health care delivery and the nursing profession.

NURS 4350 - Community Nursing for RNs

Credit Hours 3

Course Changes: Previously NURS 4150

Prerequisite: Nursing license; NURS 3300

Description: Introduces student to community health nursing by focusing on prevention and health promotion practices.

NURS 4351 - Community and Public Health Nursing Clinical

Credit Hours 3

Course Changes: Previously NURS 4151

Prerequisite: Nursing licensure; NURS 3300 and NURS 4350

Description: Provides application of community health nursing with clinical experiences working with individuals, families, and populations in community setting.

NURS 4370 - Leadership for RNs

Credit Hours 3

Prerequisite: NURS 3300 and nursing license.

Description: Introduces managerial and leadership and concepts to the practicing RN.

NURS 4371 - Leadership for RNs Clinical

Credit Hours 3

Prerequisite: NURS 4370 and nursing license.

Description: This clinical course allows application of leadership concepts learned in nursing.

PELP

PELP 1000 - Freshman Seminar

Credit Hours 1

Description: An introduction to university life in general and to leadership in particular. Students will work toward a definition of leadership, they will study examples of good and bad leadership, and they will work toward uncovering their particular qualities of leadership.

PELP 1020 - Argument and Persuasion

Credit Hours 1

Description: A basic introduction to elementary principles of logical thought and the communication of that thought in the context of leadership.

PELP 2010 - The Ethics of Leadership

Credit Hours 1

Description: This course presents a study of ethics in respect to leadership. Readings, activities, and discussions will focus on how to build trust and maintain it through living and leading with integrity.

PELP 2020 - Leadership Communication Skills

Credit Hours 1

Course Changes: Begin Spring 2020

Description: An introduction to aspects of communicating within an organization. Understanding the structure of organizations. How to run a meeting according to Roberts Rules of Order. The etiquette of organizational communication.

PELP 3010 - Problem Solving in Leadership

Credit Hours 1

Description: An examination of the various types of problems involving structure, communication, hiring and firing, discipline, gratitude, and other issues that leaders must confront and work through if they are to be effective.

PELP 3020 - Great Leaders

Credit Hours 1

Description: A study of leaders from various parts of the world from various historical eras, and from various disciplines whose activities have shaped world events for better or worse.

PELP 4010 - Special Topics in Leadership

Credit Hours 1

Description: A study of specific aspects of leadership through readings from literature, examination of organizational structures, in-depth study of particular philosophies of leadership and other areas of leadership development.

Philosophy

PHIL 1030 - Introduction to Philosophy

Credit Hours 3

Description: The method and content of philosophy as a tool to understand the nature of humankind and the world. Primary aims will be to develop the vocabulary and the issues of the major fields of philosophy: metaphysics, epistemology, philosophy of religion, political philosophy, and ethics.

PHIL 1040 - Introduction to Ethics

Credit Hours 3

Description: Examines fundamental issues in ethical theory and metaethics and the application of ethical theory to contemporary moral issues in fields such as business, medicine, criminal justice, education, and environmental studies.

PHIL 2010 - Independent Study-Philosophy

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Description: Student will meet the supervising professor and outline a program of study for credit of one hour, two hours or three hours. Evaluation may be oral or written and may include exams and/or papers, depending on the judgment of the supervisor.

PHIL 2200 - Religion and the World

Credit Hours 3

Description: An exploration of the origins, nature and content of religion as a source of human value, meaning and hope. Emphasis given to the beliefs, values, symbols, and rituals of the world's major religions.

PHIL 2300 - Medical Ethics

Credit Hours 3

Description: Application of moral theory to major issues of biomedical ethics: the patient-professional relationship, abortion, euthanasia, allocation of medical resources, genetic engineering, and research involving human subjects.

PHIL 3040 - History of Ethics

Credit Hours 3

Description: History of moral philosophy from the ancient to the contemporary periods, including Aristotle, Hobbes, Hume, Kant, and Mill.

PHIL 3050 - Religious Ethics

Credit Hours 3

Description: A study of the moral theories of the world's religions, including Christianity, Judaism, Islam, Buddhism, and Hinduism.

PHIL 3060 - Applied Ethics

Credit Hours 3

Description: This course provides a critical and analytical examination of all reasonable views on a variety of ethical issues confronting society today, such as capital punishment, economic inequality, climate change, whistle blowing, truth in advertising, and privacy.

PHIL 3100 - Ancient Philosophy

Credit Hours 3

Description: History of Western philosophy from its pre-Socratic origins through Classical Greek and Hellenic thought. Emphasis is placed on the pre-Socratics, Socrates, Plato, Aristotle, the Epicureans, and the Stoics.

PHIL 3110 - The History of Medieval Philosophy

Credit Hours 3

Description: The Medieval world view as a religious transformation of Greek philosophy into three cultures in conflict: Judaism, Christianity, and Islam. Emphasis is placed on Augustine, Aquinas, Maimonides, and the Muslim Aristotelians.

PHIL 3120 - Modern 15th-18th Century Philosophy

Credit Hours 3

Description: The history of Western philosophy from Descartes through Kant with emphasis on Continental Rationalism, British Empiricism, and Kant.

PHIL 3130 - 19th and 20th Century Philosophy

Credit Hours 3

Description: Important philosophers of the 19th century and important philosophical movements of the 20th century.

PHIL 3140 - Special Topics in 19th, 20th, and 21st Century Philosophy

Credit Hours 3

Description: This course will explore a topic in 19th, 20th, or 21st Century Philosophy. Topics will vary.

PHIL 3200 - Eastern Religions

Credit Hours 3

Description: An in-depth study of major Eastern Religions including Hinduism, Buddhism, the Jains, Daoism, the Sikhs and Shinto.

PHIL 3300 - Western Religions

Credit Hours 3

Description: An in-depth study of major Western Religions including Primal Religions, the Zoroastrians, Judaism, Christianity, Islam and the Baha'is.

PHIL 3900 - Informal, Categorical and Propositional Logic

Credit Hours 3

Description: Analysis of the nature and functions of language, recognition of arguments, and development of the tools of logic and critical reasoning such as deduction, induction, validity, the informal fallacies and categorical and propositional logic.

PHIL 4000 - Symbolic Logic

Credit Hours 3

Description: Development of propositional logic and truth tables, rules of implication, replacement, validity and invalidity, predicate logic, quantification, relation between logic and mathematics.

PHIL 4015 - War and Ethics

Credit Hours 3

Description: An exploration of the morality of warfare, including the justification of waging war and the ethical limits of its conduct. Proposed principles will be critically discussed and applied to historical cases. Content will include the perspectives of just war theory, pacifism, realism, and international law.

PHIL 4100 - Social-Political Philosophy

Credit Hours 3

Description: Historical and contemporary issues in social and political philosophy.

PHIL 4200 - Philosophy of Law

Credit Hours 3

Description: This course addresses philosophical issues regarding the law, including the nature of law, theories of legal interpretation, the relation of morality to law, and the obligation to obey the law. We will also interrogate issues surrounding concepts including liberty, equality, responsibility, punishment and legal ethics.

PHIL 4500 - Philosophy of Religion

Credit Hours 3

Description: Basic philosophical issues of religion and the religious life. The nature of religion, the relationship between faith and reason, the existence of God and the problem of evil, and the immortality of the soul will be discussed.

PHIL 4600 - Literature and Philosophy of Existentialism

Credit Hours 3

Description: The literature and philosophy of existentialism from Kierkegaard to Sartre. Questions to be considered: What does it mean to be human? Is man free? What is absurdity? What is self-deception?

PHIL 4720 - Ethical Theory

Credit Hours 3

Description: An examination of contemporary problems in ethical theory. Rationality of moral judgments and moral standards, the nature of moral language, moral relativism and skepticism, punishment, blame, free will and thoughts.

PHIL 4901 - Seminar in Philosophy and Religion

Credit Hours 3

Description: Advanced seminar or independent study in selected topics in Philosophy. Course may be repeated for a total of six (6) hours.

PHIL 4910 - Epistemology

Credit Hours 3

Description: Classical and contemporary readings in the theory of knowledge. The nature of knowledge, skepticism, theories of truth, concepts of evidence and rationality, and the justification of induction.

Physical Education Activities

PHED 1010 - Jogging

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for jogging.

PHED 1015 - Fitness Swim

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Fitness Swim.

PHED 1050 - Beginning Tennis

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Beginning Tennis

PHED 1060 - Beginning Golf

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Beginning Golf

PHED 1080 - Pickleball

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for pickleball.

PHED 1130 - Softball

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Softball

PHED 1190 - Aerobic Dance

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Aerobic Dance

PHED 1210 - Weight Training

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Weight Training

PHED 1250 - Advanced Tennis

Credit Hours 1

Description: Provides instruction in knowledge and advanced skills for Tennis

PHED 1310 - Physical Fitness

Credit Hours 1

Description: An introductory physical activity course designed to instruct the student in the skills and knowledge of developing and maintaining a program of physical fitness for improving lifestyle and reducing the risk of chronic disease.

PHED 1410 - Beginning Yoga

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Beginning Yoga.

PHED 2000 - Beach Volleyball

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Beach Volleyball.

PHED 2010 - Volleyball

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Volleyball

PHED 2020 - Basketball

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Basketball

PHED 2030 - Badminton

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Badminton

PHED 2040 - Flag Football

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Flag Football

PHED 2060 - Racquetball

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Racquetball

PHED 2061 - Intermediate Racquetball

Credit Hours 1

Prerequisite: PHED 2060

Description: Provides instruction in advanced knowledge and intermediate skills for Racquetball

PHED 2080 - Soccer

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Soccer

PHED 2090 - Cycling

Credit Hours 1

Description: This course is designed to instruct students on the basics of cycling to include riding, conditioning, knowledge of maintenance and repair, and decision-making when purchasing a bike.

PHED 2100 - Beginning Tap Dance

Credit Hours 1

Description: Provides instruction in knowledge and basic skills for Beginning Tap Dance

PHED 2150 - Introduction to To-Shin Do: Ninja Self-Defense

Credit Hours 1

Description: A martial art class that is the beginning level of To Shin Do equivalent of earning a white belt. Also included is discussion of the history and philosophy that brought To Shin Do to life. Fundamental mechanics required to perform the self-defense techniques are the focus of the physical training. Students will emulate and memorize the fundamental katas to build a foundation for their training.

PHED 2151 - To Shin Do-Earth Intermediate

Credit Hours 1

Prerequisite: PHED 2150

Description: Shin Do-Earth Intermediate focuses on the mechanics of movement and how to use them. This course builds on the mechanics and concepts of PHED 2150.

PHED 2152 - To Shin Do-Earth Advanced

Credit Hours 1

Prerequisite: PHED 2151

Description: Advanced To Shin Do students begin internalizing not just the physical mechanics but also the philosophical concepts that are the true lessons of the kata. Understanding of the mechanics and concepts will be tested in their ability to perform the kata against an aggressor without knowing what the aggressor is going to do ahead of time.

PHED 2200 - Introduction to Rock Climbing

Credit Hours 1

Description: Provides instruction in knowledge and basic skills in rock climbing

PHED 2210 - Intermediate Rock Climbing

Credit Hours 1

Prerequisite: PHED 2200;

Description: Provides instruction in knowledge and intermediate skills of rock climbing.

PHED 2300 - Self Defense for Women

Credit Hours 1

Description: An introduction to basic self-defense skills, escape and avoidance strategies, offensive and defensive postures, defensive techniques and simulated attacks. The course includes an exploration of violence prevention and victim abuse community services.

PHED 2400 - Introduction to Map and Compass

Credit Hours 1

Description: Offers a student the knowledge and skills needed to become confident in navigating in the out-of-doors using a map and compass.

PHED 2410 - Introduction to Flat-water Canoeing

Credit Hours 1

Description: This course provides an introduction to the foundational skills and knowledge pertinent to flat-water canoeing. Students will spend class time developing cognitive, motor and affective skills related to this life-long leisure pursuit. Field trips required.

PHED 2420 - Introduction to Backpacking

Credit Hours 1

Description: An introduction to skills and knowledge pertinent to safe, comfortable and enjoyable human powered travel in a backcountry environment. Students will backpack overnight.

PHED 2500 - Under Water SCUBA Diving

Credit Hours 1

Description: This course provides entry-level recreational SCUBA training in accordance with the Professional Association of Dive Instructors

PHED 2700 - Physical Activity: Walking

Credit Hours 1

Description: A course designed to improve each student's level of cardiovascular fitness through lower impact fitness walking. A cardiovascular assessment will be utilized in order to design individualized walking programs. Each student will be required to journal weekly walks, assess personal results, and track progress using current technologies.

Physics

PHYS 1010 - Concepts: Motion, Heat, and Sound

Credit Hours 3

Prerequisite: Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.

Corequisite: PHYS 1011;

Description: Topics covered include motion, energy, properties of matter, heat, and sound. The course emphasizes the role of

physics in the understanding of everyday experiences in our technological society. The approach is conceptual with a minimum of mathematics. Basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing are applied throughout the course.

PHYS 1011 - Concepts Lab: Motion, Heat, and Sound

Credit Hours 1

Prerequisite: Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.

Corequisite: PHYS 1010;

Description: Laboratory to accompany PHYS 1010. Laboratory exercises are designed to complement and supplement key concepts covered in PHYS 1010. The ability to use basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing is required.

PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World

Credit Hours 3

Prerequisite: Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.

Corequisite: PHYS 1021;

Description: Topics covered include electricity and magnetism, light, atomic and nuclear physics, and relativity. The course emphasizes the role of physics in the understanding of everyday experiences in our technological society. The approach is conceptual with a minimum of mathematics. Basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing are applied throughout the course.

PHYS 1021 - Concepts Lab: Electromagnetism, Light and the Quantum World

Credit Hours 1

Prerequisite: Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.

Corequisite: PHYS 1020;

Description: Laboratory to accompany PHYS 1020. Laboratory exercises are designed to complement and supplement key concepts covered in PHYS 1020. The ability to use basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing is required.

PHYS 1710 - Introduction to Chemistry and Physics

Credit Hours 4

Cross Listed: CHEM 1710

Description: Introductory integrated lab/lecture course in chemistry and physics. Included are hands-on and computer based activities in the scientific method, astronomy, motion, energy, kinetic theory, waves and sound, atomic structure, electricity and magnetism, elements and periodic properties, chemical bonding, electrochemistry, environmental issues, and linkage to NASA via the Internet. (Physics 1710 may not be combined with either CHEM 1010 or PHYS 1010 to satisfy the General Education Core.)

PHYS 2010 - College Physics I

Credit Hours 3

Prerequisite: MATH 1720 or MATH 1730 or ENGT 1200;

Corequisite: PHYS 2011;

Description: The elements of mechanics, including physical measurement, linear and circular motion, simple harmonic motion, fluids and heat. Applications of conservation laws to technological and biological systems are considered. Algebra is used extensively. Trigonometry and vectors are developed and used as needed.

PHYS 2011 - College Physics I Lab

Credit Hours 1

Prerequisite: MATH 1720 or MATH 1730 or ENGT 1200;

Corequisite: PHYS 2010;

Description: Laboratory Component for the elements of mechanics, including physical measurement, linear and circular motion, simple harmonic motion, fluids and heat. Applications of conservation laws to technological and biological systems are considered. Algebra is used extensively. Trigonometry and vectors are developed and used as needed.

PHYS 2020 - College Physics II

Credit Hours 3

Prerequisite: PHYS 2010, 2011;

Corequisite: PHYS 2021;

Description: Optics, electricity and magnetism, the atom, and the nucleus.

PHYS 2021 - College Physics II Lab

Credit Hours 1

Prerequisite: PHYS 2010, 2011;

Corequisite: PHYS 2020;

Description: Laboratory component for optics, electricity and magnetism, the atom, and the nucleus.

PHYS 2050 - Seminar I

Credit Hours 1

Description: Discussion of physics careers and graduate school; writing a CV, resume, and cover letter; applying for research opportunities; laboratory safety; study skills; an introduction to computational tools for STEM; communicating scientific and technical information.

PHYS 2110 - University Physics I

Credit Hours 3

Corequisite: PHYS 2111;

Pre/Corequisite MATH 1910

Description: The elements of mechanics, including measurement, motion, conservation laws, gravitation, oscillations, fluids and thermodynamics. Algebra, trigonometry and vectors are used freely and extensively. Differential calculus is used extensively; the concepts and techniques of integral calculus are developed and used as needed. Prior completion of or concurrent enrollment in MATH 1910 is required.

PHYS 2111 - University Physics I Lab

Credit Hours 1

Corequisite: PHYS 2110;

Pre/Corequisite MATH 1910

Description: Laboratory component for the elements of mechanics, including measurement, motion, conservation laws, gravitation, oscillations, fluids and thermodynamics. Algebra, trigonometry and vectors are used freely and extensively. Differential calculus is used extensively; the concepts and techniques of integral calculus are developed and used as needed. Prior completion of or concurrent enrollment in MATH 1910 is required.

PHYS 2120 - University Physics II

Credit Hours 3

Prerequisite: PHYS 2110/2111;

Corequisite: PHYS 2121;

Pre/Corequisite MATH 1920

Description: The elements of electricity and magnetism, circuits, waves, optics, and special relativity. Integral calculus is used extensively. Prior completion of or concurrent enrollment in MATH 1920 is required.

PHYS 2121 - University Physics II Lab

Credit Hours 1

Prerequisite: PHYS 2110/2111;

Corequisite: PHYS 2120;

Pre/Corequisite MATH 1920

Description: Lab component for PHYS 2120. The elements of electricity and magnetism, circuits, waves, optics, and special relativity. Integral calculus is used extensively. Prior completion of or concurrent enrollment in MATH 1920 is required.

PHYS 2468 - Introductory Research Experience

Credit Hours 1

Prerequisite: Permission of instructor;

Description: Individual research of a level and complexity appropriate to lower level students, mentored by a faculty member. Primarily aimed at helping well qualified students become involved in research early in their careers.

PHYS 2500 - Introduction to Computational Science & Engineering

Credit Hours 3

Prerequisite: Admission to the Governor's School for Computational Physics;

Corequisite: PHYS 2501

Description: An introduction to the application of computational solutions to problems in physics and engineering. Includes an introduction to topics in first-year physics, algorithm development, and basic scientific programming skills.

Focus is on computational solutions to differential equations (initial and boundary value problems) and their application to physical problems. Physical models will be developed and experimentally tested.

PHYS 2501 - Introduction to Computational Science and Engineering Lab

Credit Hours 1

Prerequisite: Admission to the Governor's School for Computational Physics

Corequisite: PHYS 2500

Description: Lab component for an introduction to the application of computational solutions to problems in physics and engineering. Includes an introduction to topics in first-year physics, algorithm development, and basic scientific programming skills. Focus is on computational solutions to differential equations (initial and boundary value problems) and their application to physical problems. Physical models will be developed and experimentally tested.

PHYS 3000 - Introduction to Modern Physics

Credit Hours 3

Prerequisite: PHYS 2120/2121 with a grade of "C" or higher or permission of instructor;

Description: Quantization of radiation, matter waves, early atomic models, Schrodinger's wave mechanics, Photoelectric effect, Compton effect, Planck's constant, black body radiation, Franck-Hertz experiment, electron diffraction, atomic emission spectra, Millikan oil drop experiment, Bragg scattering, e/m ratio for the electron, and/or other modern physics topics.

PHYS 3040 - Experimental Methods

Credit Hours 2

Cross Listed: ENGR 3040

Prerequisite: PHYS 2120/2121 and MATH 1920 with a grade of "C" or higher;

Corequisite: ;

Description: Experimental techniques used in physics and engineering including data acquisition and control, electric circuits, vacuum technology, thermometry, light sources, optical components and procedures, materials and machining.

PHYS 3041 - Experimental Methods Lab

Credit Hours 2

Cross Listed: ENGR 3041

Prerequisite: PHYS 2120/2121 and MATH 1920 with a grade of "C" or higher;

Description: Laboratory component for PHYS 3040 including basics of data acquisition and control, electric circuits, vacuum technology, thermometry, light sources, optical components and procedures, materials and machining.

PHYS 3100 - Optics

Credit Hours 3

Prerequisite: PHYS 2120/2121 with a grade of "C" or higher;

Corequisite: PHYS 3101;

Description: Reflection and refraction, the eye, telescopes and microscopes, lasers, interference, diffraction, and polarization.

PHYS 3101 - Optics Lab

Credit Hours 1

Prerequisite: PHYS 2120/2121 with a grade of "C" or higher;

Corequisite: PHYS 3100;

Description: Laboratory component for the reflection and refraction, the eye, telescopes and microscopes, lasers, interference, diffraction, and polarization.

PHYS 3150 - Seminar II

Credit Hours 1

Prerequisite: PHYS 2050 with a grade of C or better

Description: Discussion of the importance of research and the scientific method in the sciences; research ethics; identifying and applying for research opportunities; maintaining a current CV/resume; reading a scientific paper; written and oral scientific communication.

PHYS 3250 - Topics in Relativity

Credit Hours 1

Prerequisite: MATH 1920 with a grade of "C" or higher

Description: The study of Einstein's Special and General Relativity. Topics may include: galilean and lorentz transformations, length contraction, time dilation, simultaneity, four vectors, metrics, and experimental verifications of special and general relativity.

PHYS 3610 - Classical Mechanics I

Credit Hours 3

Prerequisite: PHYS 2120/2121, ENGR 3004, and MATH 3120 all with grades of "C" or higher.

Description: Kinematics and dynamics of particles in three dimensions. The mathematical level involves vector notation and equations written in differential form with the solutions to be obtained by integration and other methods.

PHYS 3630 - Electricity and Magnetism I

Credit Hours 3

Prerequisite: PHYS 2120/2121, ENGR 3004, and MATH 2110 all with grades of "C" or higher.

Description: Electric and magnetic field theory: Coulomb's Law, Gauss' Law, Ampere's Law, Faraday's Law, Maxwell's

equations for electrostatics and magnetostatics, Maxwell's equations for the dynamic case, radiating systems and guided waves. Integral calculus and vectors are used extensively.

PHYS 3701 - Advanced Lab

Credit Hours 2

Prerequisite: PHYS 3040/PHYS 3041 or ENGR 3040/ENGR 3041 with a grade of "C" or higher

Description: Applications of advanced experimental techniques in physics and astronomy in the laboratory. Topical areas will vary. May be repeated for a total of up to 4 credit hours.

PHYS 3800 - Quantum Mechanics I

Credit Hours 3

Prerequisite: PHYS 3000, ENGR 3004, and MATH 3120 with grades of "C" or higher;

Description: Solution of quantum mechanical problems in one dimension, quantum harmonic oscillator eigenvectors and eigenvalues, Hilbert spaces, the hydrogen atom, spin, and an introduction to matrix mechanics.

PHYS 3900 - Nuclear and Radiation Physics

Credit Hours 3

Prerequisite: PHYS 3000 with a grade of "C" or higher;

Corequisite: PHYS 3901;

Description: The study of nuclear structure models, nuclear reactions, elementary particles and their interactions with matter. Experiments studying the characteristics of radioactivity, radioisotopes and detection devices.

PHYS 3901 - Nuclear and Radiation Physics Lab

Credit Hours 1

Prerequisite: PHYS 3000 with a grade of "C" or higher;

Corequisite: PHYS 3900;

Description: The study of nuclear structure models, nuclear reactions, elementary particles and their interactions with matter. Experiments studying the characteristics of radioactivity, radioisotopes and detection devices.

PHYS 4000 - Computational Physics

Credit Hours 3

Cross Listed: ENGR 4000

Prerequisite: CSCI 2000 and PHYS 3000 with grades of "C" or higher

Corequisite: PHYS 4001;

Pre/Corequisite ENGR 3005

Description: Computational techniques used for problem solving in physics. Numerical techniques for solving ordinary differential and partial differential equations, and systems of equations; analysis of data; curve fitting and spectral methods; and numerical solutions of systems of equations. Applications of these techniques to physical problems.

PHYS 4001 - Computational Physics Lab

Credit Hours 1

Cross Listed: ENGR 4001

Prerequisite: CSCI 2000 and PHYS 3000 with grades of "C" or higher;

Corequisite: PHYS 4000

Pre/Corequisite ENGR 3005

Description: Laboratory component for computational techniques used for problem solving in physics. Numerical techniques for solving ordinary differential and partial differential equations, and systems of equations; analysis of data; curve fitting and spectral methods; and numerical solutions of systems of equations. Applications of these techniques to physical problems.

PHYS 4050 - Seminar III

Credit Hours 1

Prerequisite: PHYS 3150 with a grade of C or better

Description: Maintaining a current CV/resume; identifying and applying for research opportunities, graduate schools, and job opportunities; interviewing skills; how to choose professional references; written and oral scientific communication; studying for the Physics GRE.

PHYS 4100 - Physics Internship

Credit Hours 1 to 6

Prerequisite: Approval of advisor and chair and prior arrangement with employer;

Description: One-term learning experience acquired through supervised employment with a national research laboratory, a research institution, university or related industrial partner. Satisfactory employer evaluation and detailed written documentation of the work performed is required. Pass/Fail only. May be repeated up to a total of 12 credit hours.

PHYS 4110 - Cooperative Educational Experience in Physics

Credit Hours 1

Prerequisite: Approval of advisor and chair and prior arrangement with employer;

Description: Multi-term learning experience acquired through supervised full-time salaried employment at a national research laboratory, a research institution or university or related industrial partner. Co-op terms typically alternate with full-time enrollment terms. Pass/Fail only. May be repeated up to a total of 4 credit hours. Participation in a co-op may increase time to graduation by the number of semesters of participation.

PHYS 4150 - Special Topics in Physics

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Six hours of upper division physics or engineering with grades of "C" or higher; and permission of instructor

Description: Selected topics of interest in advanced physics. Topics to be chosen by the instructor and student. May be repeated for different topics for a total of up to 9 credit hours.

PHYS 4151 - Research in Physics

Credit Hours 1 to 3

Prerequisite: Six hours of upper division physics or engineering with grades of "C" or higher; and permission of instructor

Description: Research activities agreed on by the student and instructor which may emphasize lab techniques or data acquisition and analysis. Written and oral reports are required. May be repeated for a total of up to 9 credit hours.

PHYS 4200 - Introduction to Solid State Physics

Credit Hours 3

Prerequisite: CHEM 1120/1121, PHYS 3800 with grades of "C" or higher or permission of instructor

Corequisite: PHYS 4201;

Description: Crystal structure; x-ray diffraction; energy band theory; electric, magnetic, and thermal properties of materials; and recent developments in nanotechnology.

PHYS 4201 - Introduction to Solid State Physics Lab

Credit Hours 1

Prerequisite: CHEM 1120/1121, PHYS 3800 with grades of "C" or higher;

Corequisite: PHYS 4200;

Description: Laboratory component for crystal structure; x-ray diffraction; energy band theory; electric, magnetic, and thermal properties of materials; and recent developments in nanotechnology.

PHYS 4810 - Classical Mechanics II

Credit Hours 3

Prerequisite: PHYS 3610 with a grade of "C" or higher

Description: Mechanics for those who expect to do graduate studies. Vector calculus, matrices, and differential equations are freely used.

PHYS 4830 - Electricity and Magnetism II

Credit Hours 3

Prerequisite: PHYS 3630 with a grade of "C" or higher

Description: Electromagnetic fields for those planning to continue study at the graduate level. The mathematical level is similar to that of 4810.

PHYS 4840 - Statistical Mechanics

Credit Hours 3

Prerequisite: MATH 2110 and ENGR 3004

Description: An introduction to statistical mechanics with an emphasis on deriving bulk properties from probabilistic models.

The laws of thermodynamics, entropy, magnetic behavior, heat capacity, Maxwell-Boltzmann, Bose-Einstein and Fermi-Dirac statistics are all discussed.

PHYS 4850 - Quantum Mechanics II

Credit Hours 3

Prerequisite: PHYS 3800 with a grade of "C" or higher

Description: Quantum mechanics for those planning to continue study at the graduate level including wave and matrix mechanics.

PHYS 4950 - Independent Study in Physics

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Six hours of upper division physics or engineering with grades of "C" or higher; and permission of instructor

Description: Current topics in physics. Topics to be chosen by student. Subject to be approved by instructor. May be repeated with permission of instructor up to 9 credit hours.

PHYS 4990 - Capstone

Credit Hours 1

Prerequisite: PHYS 4050

Description: This course is a capstone course required of all physics majors. It involves presenting and writing on current topics in physics, astronomy, and closely related fields. If appropriate it can involve presenting original work by the student. This course is graded pass/fail.

Political Science

POLS 451A - Selected Topics in Political Science

Credit Hours 3

Description: This is a Selected Topics course and the course title and course content may change each semester. This may be repeatable up to 3 times.

POLS 453A - Problems in Political Science

Credit Hours 3

Description: An independent study course with supervised readings and/or research projects in selected areas of political science. Open only to Political Science majors with permission of the department chair.

POLS 453B - Problems in Political Science

Credit Hours 3

Description: An independent study course with supervised readings and/or research projects in selected areas of political science. Open only to Political Science majors with permission of the department chair.

POLS 453C - Problems in Political Science

Credit Hours 3

Description: An independent study course with supervised readings and/or research projects in selected areas of political science. Open only to Political Science majors with permission of the department chair.

POLS 455A - Government Internship

Credit Hours 3

Description: Internship in the governmental process.

POLS 457A - Moot Court and Oral Advocacy

Credit Hours 3

Prerequisite: Junior standing or permission of instructor

Description: This course is designed to teach students effective oral advocacy skills, and will prepare students to participate in moot court competitions. Through the case law method, appellate court simulations and lectures, students will be taught how to develop and properly argue cases in an appellate court setting.

POLS 1000 - Introduction to Legal Assistance and Ethics

Credit Hours 3

Description: An examination of the paralegal/legal assistant profession, including duties, employment settings, skills, standards of conduct, and ethics.

POLS 1002 - Introduction to Law

Credit Hours 3

Description: An overview of the major principles and functions of the legal system. An introduction to legal fields and the work of the legal assistant in those fields.

POLS 1004 - Torts

Credit Hours 3

Description: A study of civil wrongs for which the victim may receive compensation and the role of the legal assistant in tort litigation.

POLS 1005 - Legal Research

Credit Hours 3

Description: Legal bibliography, including codes, administrative regulations, reporters, digests, encyclopedias, citations, law reviews, and treaties.

POLS 1006 - Legal Writing

Credit Hours 3

Description: Legal writing skills including precision and clarity, legal citation and format, drafting of law office and trial memoranda, trial court briefs, appellate briefs, and abstracting depositions.

POLS 1008 - Civil Trial and Appellate Practice

Credit Hours 3

Description: Civil court procedures. Preparation and use of documents involved in the trial and appeal of civil action.

POLS 1010 - Statecraft

Credit Hours 1

Description: Students in the class will participate in an online simulation designed to help them experience the opportunities and pitfalls inherent in international politics. To succeed, students will need to gather intelligence, think strategically, build coalitions, and deploy every weapon in their arsenal, if necessary.

POLS 2000 - Introduction to Politics

Credit Hours 3

Description: Introduction to Politics explores the core subfields of political science, including political theory, American politics, comparative politics, and international relations. Designed for the beginner, the course introduces basic approaches, concepts, and topics in political science.

POLS 2005 - Legal Research and Writing

Credit Hours 3

Description: This course focuses on the following: developing research skills incorporating constitutions, statutes, legislative materials, administrative regulations, reporters, digests, encyclopedias, law reviews, treaties, and other secondary sources. Students will learn and practice legal writing skills that incorporate precise and clear research, legal citation and format in drafting of law office and trial memoranda, trial court briefs, appellate briefs, and abstracting depositions.

POLS 2010 - American National Government

Credit Hours 3

Description: Institutions and processes of American national government, including the Constitution, federalism, civil rights and liberties, the presidency, Congress, courts, political parties, elections, public opinion, media, interest groups, and the federal administrative process.

POLS 2040 - Introduction to Public Policy

Credit Hours 3

Description: The policy-making process with an emphasis on selected policy areas. Specific policy areas included are welfare, criminal justice, education, civil rights, energy, the environment, and regulation of the economy.

POLS 2070 - International Politics

Credit Hours 3

Description: The system of the nation-state, power and ideology, the diplomatic process, colonialism and imperialism, regions and crises, international organization and law, war and peace, the United States in World Affairs.

POLS 3000 - Foundations of Political Theory

Credit Hours 3

Description: This course will introduce students to political theory via primary texts, with the main focus being on western political thought since the time of the ancient Greeks. However, some attention will be given to prominent non-western political theorists.

POLS 3010 - Comparative Politics

Credit Hours 3

Description: A theoretical and empirical comparison of various political processes, structures, and ideologies among selected countries in four continents (Africa, Asia, Europe, and South America) designed to identify and highlight significant causes and effects of different political models and practices.

POLS 3020 - American Foreign Policy

Credit Hours 3

Description: The making of American foreign policy: institutions, processes, problems, and crises.

POLS 3040 - U.S. Defense Policy

Credit Hours 3

Description: U.S. National Defense organization, policies, procedures and players, the emergence of the current policy of engagement following the cold war and potential future threats and challenges.

POLS 3060 - Terrorism and Counter-Terrorism

Credit Hours 3

Description: An examination, in depth, of the contemporary phenomenon and problem of world terrorism. This course will focus on the world reality of terrorism and the war of counter-terrorism.

POLS 3070 - Theories of International Relations

Credit Hours 3

Description: A systematic and rigorous study of politics among states, including an examination of the principal theories concerning international systems of the past and present.

POLS 3090 - The United Nations

Credit Hours 3

Description: This course is designed to serve a dual purpose. Students will learn about the history, structure, and workings of the United Nations in a lecture-discussion format. Additionally, students will have the opportunity to see how the politics of the UN works through role playing.

POLS 3110 - British Politics and Government

Credit Hours 3

Prerequisite: Junior standing or permission of instructor

Description: An examination of the evolution, traditions, institutions, processes, policies, and politics of the United Kingdom of Great Britain and Northern Ireland. The comparative perspective will be emphasized.

POLS 3120 - European Politics

Credit Hours 3

Description: An examination of the politics, government, and unity of continental European states with an emphasis upon Germany, France, Russia, and Italy.

POLS 3140 - Latin American Politics

Credit Hours 3

Description: An examination of the politics and government of Central and South America and the Caribbean island states. An

emphasis will be placed upon regional political trends along with profiles of the politics and government of certain states such as Mexico, Argentina, Brazil, Cuba, and Chile.

POLS 3160 - African Politics

Credit Hours 3

Description: The politics of Sub-Sahara Africa; a comparative analysis of the behavior, participation and structures in the various movements for the liberation of Africa. Problems relative to colonialism, East-West confrontation and internal policies are examined.

POLS 3180 - Middle East Politics

Credit Hours 3

Description: An examination of the history, culture, and politics of the Middle East. The countries covered are Turkey, Iran, Egypt, Syria, Lebanon, Saudi Arabia, Jordan, Iraq, Israel, and the Gulf States. The course also discusses Islam, religious fundamentalism in the region and terrorism.

POLS 3190 - Russian Politics and Government

Credit Hours 3

Prerequisite: Junior standing or permission of instructor

Description: An examination of the contemporary Russian political institutions, processes and state-society relations. The historical context and comparative analysis will be emphasized.

POLS 3200 - Politics and Government in China

Credit Hours 3

Prerequisite: Junior standing or permission of instructor

Description: This course will examine the historical context and current issues of the Chinese political system. Special attention will be devoted to the US-Chinese economic interdependence and comparative analysis of the Communist and post-Communist political systems.

POLS 3300 - International Political Economy

Credit Hours 3

Prerequisite: Junior standing or permission of instructor

Description: This course examines a number of theoretical approaches seeking to explain the politics behind the evolution of the global economic system. Main topics include: political economy of American hegemony, politics of economic disparities between global North and South, economic interdependence and politics of cooperation.

POLS 3760 - Methods of Research

Credit Hours 3

Description: The nature of the scientific method and basic techniques in social science research as applied to the collection, analysis, and interpretation of social and political data.

POLS 4010 - Contemporary Political Ideas

Credit Hours 3

Description: This course examines current trends in political theory. Topics include ideologies, the liberal communitarian debate, human rights, feminism, and postmodernism. Examples are drawn from both Western and non-Western sources.

POLS 4020 - The Politics of Ethnicity

Credit Hours 3

Description: This course is an examination of ethnic minority groups in American politics. The focus will be on African Americans, Hispanics, and Asians and how they participate in the American political system.

POLS 4040 - Women and Politics

Credit Hours 3

Description: The role of women in politics. Women and the political process, political institutions, and public policy.

POLS 4050 - Health Care Policy in the U.S.

Credit Hours 3

Description: An examination of the development and current status of American health care policy with particular attention to access, cost, health outcomes, and quality. The structures of health care policy and delivery and reform models will be covered.

POLS 4070 - Politics in American States

Credit Hours 3

Description: Politics at the state level focusing on legal and cultural settings, political behavior, and institutions and public policy.

POLS 4080 - City Politics

Credit Hours 3

Description: Politics in urban areas with special attention to socioeconomic conditions, governmental structures, citizen participation, community power studies, metropolitan governance, and policy problems.

POLS 4100 - Democracy

Credit Hours 3

Description: This course invites students to think critically about the theory and practice of democracy. What is it? Why is it valuable? What gives it authority: procedure or substance? Who gets to vote and why? How should minorities be protected? Can democracy succeed with apathetic, irrational, and/or uninformed voters?

POLS 4130 - Political Parties and Interest Groups

Credit Hours 3

Description: Characteristics of the political party system, and the operation of interest groups in American politics. Party organizations, voting behavior, and campaigns are emphasized along with interest group activities and strategies.

POLS 4170 - Power, Morality, International Relations

Credit Hours 3

Description: This course examines the influences of moral principles on international politics. Among the issues examined are human rights, just and unjust wars, arguments for and against redistributive justice on a global scale, legal and illegal migration, human trafficking, terrorism, environmental degradation, and the impact of different religions on international relations.

POLS 4200 - The American Presidency

Credit Hours 3

Description: The roles, powers, and institutions of the American Presidency.

POLS 4210 - Congress: Process and Behavior

Credit Hours 3

Description: This course focuses on the structure and functions of the U.S. Congress. Topics and themes in the course include congressional elections, norms, committees, voting behavior, leadership, and legislative-executive interaction.

POLS 4220 - Political Leadership

Credit Hours 3

Description: This course will examine the evolution and nature of political leadership at various levels, in different branches and among the many institutions of government and politics.

POLS 4240 - Political Psychology

Credit Hours 3

Description: This course examines the psychological underpinnings of public opinion and political behavior. Topics include an

overview of the psychological study of politics, the foundations of ideology and bedrock preferences; and the effects of cognition and emotion on political behavior.

POLS 4260 - Campaign Strategy and Management

Credit Hours 3

Description: The fundamentals of running a political campaign at the local, state, and federal level, including advertising and public relations strategies, polling, targeted campaigning, and get out the vote operations.

POLS 4300 - Judicial Politics and Behavior

Credit Hours 3

Description: The American judicial system: structure of the court system, police behavior, lawyers, juries, and judicial decision-making.

POLS 4310 - American Constitutional Law I

Credit Hours 3

Description: Using the case method, this course examines the development of constitutional law in America, to include the division and placement of national power, the structure and operation of the federal court system, judicial review, the limitations upon the use of judicial power and the growth of federalism.

POLS 4320 - American Constitutional Law II

Credit Hours 3

Description: Using the case method, this course examines important federal and Supreme Court decisions in the area of civil rights and civil liberties, to include fundamental rights, economic due process, eminent domain, mass media, and criminal law.

POLS 4330 - Women and the Law

Credit Hours 3

Description: While examining landmark Supreme Court opinions on the constitutional structure of the United States government, this course focuses on the civil rights and civil liberties guaranteed under the federal and Tennessee constitutions. Students who have taken either POLS 4310 or POLS 4320 may not enroll in this course.

POLS 4340 - Family Law

Credit Hours 3

Description: Examination of the legal issues involved in marriage, divorce, child custody, child support, and adoption.

POLS 4360 - Legal Mediation and Alternative Dispute Resolution-

Credit Hours 3

Description: An examination of legal mediation as an alternative to trials for settling civil disputes. There is a consideration of mediation procedures, ethical issues, and mediation as a profession.

POLS 4370 - Juvenile Law

Credit Hours 3

Description: This course is designed to provide an understanding of juvenile law. Topics covered include a child abuse and neglect, juvenile criminal offenders, gangs, sexual predators, education and truancy, mental health, drug and alcohol programs, child support.

POLS 4380 - American Constitutional Law

Credit Hours 3

Description: Using the case method, this course examines the development of constitutional law in America, to include the division and placement of national power, the structure and operation of the federal court system, judicial review, the limitations upon the use of judicial power and the growth of federalism. In addition, this course examines important federal and Supreme Court decisions in the area of civil rights and civil liberties, to include fundamental rights, economic due process, eminent domain, mass media, and criminal law.

POLS 4390 - Judicial Policy and Courts

Credit Hours 3

Description: This course examines issues related to legal institutions and actors. This involves the procedures of civil and criminal dispute resolution and appeals, as well as, legal reasoning, the education and socialization of lawyers, the selection of judges, feedback of societal demands from the law, and the implementation and impact of judicial decisions.

POLS 4400 - Politics and Mass Media

Credit Hours 3

Cross Listed: COMM 4400

Description: The influence of the mass media on political opinions, on elections, on those who participate in the political arena, and on public policy decisions. The uses political participants make of the mass media in shaping public opinion, conducting elections, deciding on policy issues, and the media's agenda for political coverage.

POLS 4444 - Cultural Context of Political and Social Ideas

Credit Hours 3

Prerequisite: Junior or senior standing

Description: Capstone to integrate aspects of the Liberal Arts core with political and social concepts of freedom, justice, and equality addressed in different cultures.

POLS 4510 - Communication and Public Opinion

Credit Hours 3

Description: The purpose of this course is to provide an overview of the concept "public opinion" and to explore the relationships between communication and public opinion. An important normative goal will be to explore ways to allow media messages to contribute to a healthy civic life rather than deviate from it.

POLS 4520 - Polling and Survey Methods

Credit Hours 3

Description: A course covering the theory and application of survey research methods in a classroom environment. The class covers polls in political science, survey and polling theory, sampling methodology, questionnaire design, and data collection methods.

POLS 4540 - Legislative Internship Program

Credit Hours 15

Description: Work as a staff member of the Tennessee Legislature. Open only to juniors, seniors, or graduate students selected to participate in the Tennessee Legislative Internship Program.

POLS 4999 - Senior Capstone Seminar

Credit Hours 3

Prerequisite: POLS 3760

Description: The goal of the Senior Capstone seminar is to provide students with a culminating academic experience organized around the study of a political science topic bridging the different sub-fields of the discipline. The Seminar is premised on the assumption that students will have a working familiarity with the foundational knowledge in the sub-field(s) relevant to a research project they are to engage in, a mastery of the practical skills introduced in foundation courses and further developed in intermediate courses, and a willingness to engage actively in a rigorous, sustained inquiry into an important topic.

Psychology

PSYC 1030 - Introduction to Psychology

Credit Hours 3

Description: A general introduction to psychology as the scientific study of behavior and mind. Sample topics include the biological bases of behavior, sensation and perception, learning and cognition, emotion and motivation, development, abnormal behavior, personality, and social behavior.

PSYC 1050 - Psychology of Modern Culture

Credit Hours 3

Description: This course will cover major aspects of modern popular culture, viewed through a psychological lens. Psychological theory and explanations will be applied to individuals' experiences with topics such as humor, music, social media, conspiracy theory, gaming, film/TV, food/drink, etc.

PSYC 2010 - Statistics for the Behavioral Sciences

Credit Hours 3

Prerequisite: MATH 1530 with a grade of "C" or higher

Description: A basic introduction to statistics as they are applied in the behavioral sciences. Both descriptive statistics (measure of central tendency, variability, and correlation) and inferential statistics (hypothesis testing, parametric, and nonparametric tests of significance) are covered.

PSYC 2210 - Human Interaction

Credit Hours 3

Description: Directed toward helping persons establish, maintain, and improve human contacts. Focuses upon improving listening, assertiveness, problem solving, and leadership skills. Skill acquisition is enhanced through role play, taping, and group experiences.

PSYC 3010 - Learning and Motivation

Credit Hours 4

Prerequisite: PSYC 1030, 2010, 3180 with grades of "C" or higher

Description: Provides an indepth analysis of the different principles and theories of learning and motivation with attention to animal research. Students will apply what they learn to animal subjects to gain experience working with different species and write up their results in two APA-style manuscripts. When appropriate, examples from research in children, adults and special populations will also be provided.

PSYC 3020 - Physiological Psychology

Credit Hours 4

Prerequisite: PSYC 1030, 2010, 3180 with grades of "C" or higher

Description: An in-depth presentation of the structural and functional characteristics of the mammalian nervous system. Students will apply what they learn to animal subjects to gain experience working with different species and write their results in two APA-style manuscripts. When appropriate, examples from research in children, adults, and special populations will also be provided.

PSYC 3030 - Sensory Processes

Credit Hours 4

Prerequisite: PSYC 1030, 2010, 3180 with grades of "C" or higher

Description: An overview of the major topics in human sensation and perception. The course will focus on sensory system structure, function, and information processing. How this information explains human perceptual abilities and limitations will be discussed. This course includes both lecture and laboratory activities.

PSYC 3040 - Cognitive Processes

Credit Hours 4

Prerequisite: PSYC 1030, 2010, 3180 with grades of "C" or higher

Description: The scientific study of basic cognitive processes. Topics include pattern recognition, attention, memory, concept formation, reasoning, problem solving, intelligence and language. This course includes both lecture and laboratory activities.

PSYC 3050 - Career Development in Psychology

Credit Hours 3

Prerequisite: PSYC 1030 with a grade of "C" or higher and psychology major status

Description: Examines career development theory and the multitude of career options in psychology with or without a graduate degree. Graduate school acceptance and success will be examined. Students will evaluate options, develop a resume and research skills, complete interest inventories, identify potential careers, practice interview skills, and develop a career plan.

PSYC 3100 - Developmental Psychology

Credit Hours 3

Prerequisite: PSYC 1030 with a grade of "C" or higher

Description: This course provides an overview of the empirical evidence regarding physical, cognitive, social and emotional changes that occur from conception to death. Emphasis will be placed on understanding the various biological, environmental and cultural influences on human development.

PSYC 3110 - Child Development

Credit Hours 3

Prerequisite: PSYC 1030 or EDUC 2100 with a grade of "C" or higher

Description: The scientific study of human development from conception through pre-adolescence. Cognitive, physical, social, emotional and moral areas of development will be studied through the examination of empirical, conceptual, and theoretical materials. Attention will be given to child development as it occurs in the contexts of school, family, and peer environments.

PSYC 3120 - Adult Development

Credit Hours 3

Prerequisite: PSYC 1030 with a grade of "C" or higher

Description: The scientific study of human development in the adult years. Attention will be given to continuity and change in intellectual, personality, and biological areas of development and in the areas of family structure and career development.

PSYC 3130 - Introduction to Educational Psychology

Credit Hours 3

Prerequisite: PSYC 1030 or EDUC 2100 with a grade of "C" or higher for either course.

Description: Provides prospective teachers an understanding of the way students learn and develop. The learning process, its determining conditions, and its results will be emphasized. The course will also provide an overview of child and adolescent development as it relates to student behavior.

PSYC 3140 - Infant and Toddler Development

Credit Hours 3

Prerequisite: Note: PSYC 1030 recommended

Description: The scientific study of human development during the infant and toddler periods. Cognitive, social, emotional, language and physical development will be studied using empirical, conceptual and theoretical materials. The importance of the infant-caregiver relationship, the needs of high-risk infants and toddlers and intervention and assessment techniques will be introduced.

PSYC 3180 - Research Methods

Credit Hours 3

Prerequisite: PSYC 1030, 2010 with grades of "C" or higher

Description: Introductory methods of psychological research are presented. An analysis of various research designs is also examined. A research proposal, following APA format, is required.

PSYC 3200 - Adolescent Development

Credit Hours 3

Prerequisite: PSYC 1030 or EDUC 2100 with a grade of "C" or higher for either course

Description: The scientific study of human development from pre-adolescence through late adolescence. Cognitive, social, emotional and physical areas of development will be studied through examination of empirical, conceptual and theoretical materials. Attention will be given to adolescent development as it occurs in the contexts of school, family and peer environments.

PSYC 3220 - Psychology of Women

Credit Hours 3

Description: Examination of developmental characteristics of women, myths and stereotypes, sex roles, sexuality, life styles, values, achievement motivation, power, mental health, and mental disorders in women. The empirical study of the psychological issues of women will be emphasized.

PSYC 3230 - African American Psychology

Credit Hours 3

Description: This course explores historical and contemporary psychological issues concerning persons of African-American descent. Issues including racial identity, gender, worldview, and the sociocultural experiences of persons of African-American descent in the diaspora will be addressed. Presentation and review of psychological theories and research will be the foundation of the course.

PSYC 3290 - Introduction to Psychological Measurement

Credit Hours 3

Prerequisite: PSYC 2010 or MATH 1530 with a grade of "C" or higher

Description: An introduction to theory and practice in psychological measurement. Classical and modern theories of measurement are studied. The relevance and use of current measure of personality, achievement, and aptitude are examined. Various methods of collecting psychological information are surveyed.

PSYC 3330 - Social Psychology

Credit Hours 3

Prerequisite: PSYC 1030 with a grade of "C" or higher

Description: A systematic and scientific approach to the psychological problems of social and human interactions. Topics covered: attitude, altruism, attraction, attribution, aggression, social self, social influence, social cognition, social perception, leadership, group dynamics, prejudice, discrimination, and applied social psychology.

PSYC 3340 - Health Psychology

Credit Hours 3

Description: The study of the biopsychosocial approach to health and wellness. This course emphasizes the learning of skills that lead to healthy responses to stress and the enhancement of psychological resiliency. A major focus of the course will be on the practice of skills that lead to healthy interpersonal functioning of the individual in their familial and social context.

PSYC 3500 - Consumer Psychology

Credit Hours 3

Description: Application of psychological theory and applied research methods to the study of consumer behavior. The psychological processes that influence consumer decision making will be addressed including problem recognition and information search, alternative evaluation and choice behavior, and post purchase attitudes and behavior. The antecedents and consequences of consumer satisfaction will be highlighted.

PSYC 4000 - History and Systems of Psychology

Credit Hours 3

Prerequisite: PSYC 1030 with a grade of "C" or higher and Junior or Senior Standing

Description: The development of psychology from the philosophical antecedents to its present status as a science and a profession. Each system of ideas which has contributed to the development of psychology will be studied and evaluated.

PSYC 4010 - Death, Dying and Bereavement

Credit Hours 3

Prerequisite: Junior or Senior status or permission of instructor

Description: An overview of death issues from a multicultural, developmental perspective. Topics covered include changing attitudes, the American death system, death across the life span, coping supporting caregivers, ethical/legal issues, funeral and memorialization practices.

PSYC 4020 - Introduction to Forensic Psychology

Credit Hours 3

Prerequisite: PSYC 1030 with a grade of "C" or higher or permission of instructor

Description: Forensic psychology is the application of psychological research and principles to the understanding and functioning of the legal and criminal justice system. This course includes such areas as psychology in the courtroom (jury selection, competency), criminal psychology (police psychology, criminal psychopathology), and family psychology (child custody, sexual abuse).

PSYC 4025 - Wrongful Convictions

Credit Hours 3

Prerequisite: PSYC 1030

Description: Wrongful convictions occur when an innocent person is convicted of a crime they did not commit. This course includes discussion of the causes of wrongful convictions and what happens when the individuals are exonerated and released from prison.

PSYC 4030 - Introduction to Occupational Health Psychology

Credit Hours 3

Description: Introduction to new field of occupational health psychology. Course will cover models of job stress, work family balance, workplace incivility, and safety climate. Course format will be lecture/discussion.

PSYC 4035 - Emerging Adulthood

Credit Hours 3

Dual Listed: PSYC 5035: Emerging Adulthood for Advisors

Description: The course is designed to explore our empirical knowledge regarding human development between adolescence and achieved adulthood (18 to 29 years). This includes the areas of cognitive, emotional, and social development, including, parental relationships, sex and love, marriage, college and work.

PSYC 4050 - Introduction to Applied Psychopharmacology

Credit Hours 3

Prerequisite: PSYC 1030 with a grade of "C" or higher or permission of instructor

Description: An introduction to psychopharmacology that will examine prescription, legal and illegal drug effects on the brain and behavior, including withdrawal and abuse. Clinical, legal, and ethical aspects will also be discussed. A NIH grant proposal will also be taught and evaluated.

PSYC 4060 - Group Dynamics

Credit Hours 3

Description: Analysis of the nature and origin of small groups and interaction processes. Emphasis on methodology, group development, conflict, decision making, leadership, and task performance.

PSYC 4120 - Human Factors

Credit Hours 3

Prerequisite: PSYC 1030, 2010, 3180 with grades of "C" or higher and junior or senior standing

Description: An introduction to applied experimental psychology. The course covers human ability in the areas of perception, cognition, and motor skills and how this information is used in the design of machines, displays, software, and everyday appliances.

PSYC 4140 - Learning and Behavioral Disorders

Credit Hours 3

Prerequisite: PSYC 1030 or 3130 with a grade of "C" or higher

Description: An overview of theories, characteristics, assessment, and treatment of learning disabilities and behavioral disorders. Program considerations for learning disabled and behavioral disordered children will be highlighted.

PSYC 4150 - Principles of Behavior Analysis

Credit Hours 4

Dual Listed: PSYC 5040

Prerequisite: PSYC 1030

Description: This course is designed to provide an introduction to the field of Behavior Analysis. Behavior is examined as a part of the natural world, with primary focus on principles describing relations between behavior and its consequences. The basic behavioral principles of reinforcement, extinction, differential reinforcement, and punishment will be described within the contexts of everyday behavior and behavioral interventions. A behavioral approach to teaching and learning will be used in this course. A lab component will allow students to gain practice in application of course concepts.

PSYC 4160 - Methods of Behavior Analysis

Credit Hours 3

Prerequisite: PSYC 4150

Description: This course covers methods of applied behavior analysis with a focus on tasks that are required to implement behavior intervention plans used in working with persons with developmental and intellectual disabilities. Interventions that are commonly implemented include language acquisition, social skills, independent living skills and reduction of challenging behavior. The course content will include training in behavior measurement, behavior assessments, methods for teaching skills, methods for reducing challenging behavior in addition to professional and ethical expectations. The class structure will include interactive lectures incorporating video examples and practical exercises such as roleplaying.

PSYC 4200 - Introduction to Nonprofit Grant Writing

Credit Hours 3

Dual Listed: PSYC 5450

Description: The goals of this course are to teach students the basic structure of nonprofits, the structure of both NIH and nonprofit grants, how to write successful grants, how to critically evaluate grants, as well as a service-learning component of working with a local nonprofit in writing and the chance to apply for an actual grant to the Community Foundation of Middle Tennessee (CFMT).

PSYC 4350 - Psychology of Personality

Credit Hours 3

Prerequisite: PSYC 1030 with a grade of "C" or higher and Junior or Senior standing

Description: The major theories of human personality are studied with emphasis on scientific research in the area.

PSYC 4360 - Introduction to Psychopathology

Credit Hours 3

Prerequisite: PSYC 1030 with a grade of "C" or higher and Junior or Senior standing

Description: A consideration of various forms of psychological abnormality in terms of the settings in which they appear. Attention directed to methods of prevention and treatment. Topics covered: anxiety disorders, functional psychosis, and mental disorders with brain pathology.

PSYC 4370 - Introduction to Clinical and Counseling Psychology

Credit Hours 3

Prerequisite: PSYC 1030 (2nd semester sophomore recommended)

Description: Introduces students to major perspectives and practices in contemporary clinical and counseling psychology. Focuses on theories, assessments, treatment, specialty areas, and practical issues in the professional practice of psychology in clinical settings. Addresses career paths in clinical/counseling fields, with special focus on selecting graduate programs and applying to graduate schools.

PSYC 4380 - Introduction to Military Psychology

Credit Hours 3

Prerequisite: PSYC 1030 Introduction to Psychology

Description: This course is an introduction to subtopics within military psychology: 1) personnel psychology (training, leadership); 2) counseling/clinical psychology (PTSD, mTBI); and 3) distinctive issues to the military (operational psychology, ethics).

PSYC 4400 - Introduction to Clinical Neuropsychology

Credit Hours 4

Prerequisite: PSYC 3180 or permission of instructor;

Description: An overview of our current understanding of the brain-behavior relationships associated with common neuropsychological (including developmental and neurodegenerative) disorders. Topics include clinical assessment, the localization and connectivity networks associated with clinical syndromes, plasticity and recovery of function, and treatment in the areas of cognition, perception, language, memory, attention, and consciousness.

PSYC 4444 - Cross Cultural Psychology

Credit Hours 3

Description: Explores the interaction of psychological and socio-cultural influences on human thought and behavior.

Emphasizing active learning and adapting a global perspective this course may explore topics such as, dynamics of culture as a psychological variable, cross-cultural research methods, cultural differences in basic psychological processes, personality, social behavior, intergroup relations, gender, emotions, communications, organizational behavior across cultures, health and treatment of abnormal behavior in different cultures.

PSYC 4500 - Introduction to Industrial-Organizational Psychology

Credit Hours 3

Description: Survey course covering the major topics within the field of I/O psychology including employee selection, training and development, performance appraisal, job analysis, leadership, work motivation, and organizational development.

PSYC 4610 - Special Topics

Credit Hours 1-12

Variable Credit Hours 1-12

Prerequisite: PSYC 1030 with a grade of "C" or higher and permission of instructor

Description: Advanced readings and research in selected area offered on an individual basis. Primarily for those majoring in psychology. This course is repeatable with a maximum of 12 hours.

PSYC 4640 - Special Topics

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: PSYC 1030 with a grade of "C" or higher and permission of instructor

Description: Advanced readings and research in selected area offered on an individual basis. Primarily for those majoring in psychology.

PSYC 4641 - Research Experience

Credit Hours 1 to 12

Variable Credit Hours 1 to 12

Prerequisite: Permission of instructor;

Description: Research activities in psychology agreed on by the student and faculty instructor which may include lab activities, data collection, data management, statistical analyses, and written or oral APA style research reports. Only 3 hours may count toward the required psychology elective credits.

PSYC 4840 - Honors Research

Credit Hours 3

Prerequisite: A minimum cumulative GPA of 3.0 and permission of instructor

Description: This course is offered on an individual basis. Students are required to design, conduct, and report the results of an original research project. The student is responsible for identifying a faculty supervisor.

PSYC 4850 - Honors: Field Experience

Credit Hours 1-6

Variable Credit Hours 1-6

Prerequisite: 3.0 GPA

Description: A field experience opportunity in which students work in the local community under the supervision of a professional. It provides a practical context in which the student can apply, integrate and analyze classroom learning. The student is responsible for identifying a faculty supervisor and a potential field placement. The student, faculty supervisor and field supervisor will develop a contract designating the academic responsibilities and field placement responsibilities. This course is repeatable up to six (6) hours.

Public Management

PM 451A - Selected Topics in Public Management

Credit Hours 3

Prerequisite: Permission of department chair

Description: An examination of a selected topic in public management by an instructor on a one-time basis.

PM 2000 - Introduction to Emergency Management

Credit Hours 3

Variable Credit Hours 0

Description: Overview of issues related to emergency management including a history of the field, key legislation impacting the field, definitions, types and impacts of various types of emergencies, comprehensive emergency management and integrated emergency management, and current issues in the field.

PM 3001 - Mitigation and Preparedness for Emergency Management

Credit Hours 3

Description: Survey and analysis of methods and techniques to lessen the potential impact of both man-made and natural disasters; individual and organizational strategies for continuity during and following disasters. Policy considerations, educational exercising, and methods of programming are all examined.

PM 3002 - Response and Recovery for Emergency Management

Credit Hours 3

Description: The response to and recovery from both man-made and natural disasters in both the short and long term will be examined. Individual, organizational, legal, financial, and strategic considerations will be analyzed. Safety, healthcare, and recovery-focused planning will be included.

PM 3003 - Managing At Risk Populations in Emergency Situations

Credit Hours 3

Description: Examines the vulnerabilities of various populations to disaster and risk management. Methods to reduce vulnerabilities, risk communication, resiliency and building local capacity are covered, as well as the importance of creating, testing, and sharing plans before the emergency.

PM 3004 - Social Media Application to Emergency Management

Credit Hours 3

Description: This course explores social media and other forms of technology-assisted interpersonal communication in support of emergency management, homeland security, public health emergency, and other disaster operations and responses. In addition, this course evaluates the contributions of the internet and social media within a larger media/public relations context, as a stand-alone mass notification/information sharing platform, and as part of a communication strategy for emergency and disaster response.

PM 3005 - Understanding the NIMS and ICS

Credit Hours 3

Description: This course is a study of the theory and practice of incident management and command, the various methods of

incident management and command, and a specific focus on the National Incident Management Systems (NIMS) and Incident Command System (ICS) used to communicate in crises, disasters, and emergency management response systems.

PM 3006 - Weapons of Mass Destruction

Credit Hours 3

Description: This course addresses the potential consequences from a variety of disasters including but not limited to nuclear, biological, and chemical incidents or uses. Both planning for and responding to such disasters are included. Discussion of the historic uses of such weaponry and what that means for future planning will be included.

PM 3007 - Continuity of Organizational Operations

Credit Hours 3

Description: This course examines the rationale and development of continuity or operations planning (also known as business continuity), including sound continuity of operations and plans for a variety of industries and organizational models in both the public and private sectors.

PM 3140 - Introduction to the Legal Process

Credit Hours 3

Description: Provides a basic background in the United States legal process for students who want only an overview of the process or who plan to take additional courses in the legal field. The course will survey the history of the common law, legal reasoning, basic terminology, legal research, the legal profession, and provide an introduction to civil and criminal processes.

PM 3150 - The American Criminal Justice System

Credit Hours 3

Description: Describes and analyzes the system's operational components from a multi-disciplinary perspective. Material is drawn from administrative sciences, law, human behavior, sociology, psychology, and political science, in addition to criminal justice.

PM 3160 - Civil Rights and Civil Liberties

Credit Hours 3

Description: Focuses on civil liberties in terms of congressional statutes and judicial rulings. The impact of judicial rulings on the implementation and administration of statutory law is examined.

PM 3170 - Criminal Law

Credit Hours 3

Description: Provides an analysis of the nature and theories of law and the substantive nature of common law and statutory law regarding criminal sanctions. Constitutional case law is the primary mode of analysis.

PM 3180 - Criminal Procedures

Credit Hours 3

Description: The procedural aspects of criminal law pertaining to police powers in connection with the laws of arrest search and seizure, the exclusionary rule, eavesdropping, confessions, and related decision-making factors.

PM 3200 - Public Sector Management

Credit Hours 3

Description: Management in the public sector with a special focus upon the ways in which government employs a wide variety of disciplines in the implementation of public policy.

PM 3230 - Public Personnel Administration

Credit Hours 3

Description: Governmental policies in the United States relating to the staffing of public administrative agencies. Examination of the structure of the civil service system, personnel recruitment, selections, training, and collective bargaining by public employees.

PM 3235 - Public Policy Analysis

Credit Hours 3

Description: The policy-making process with emphasis on policy analysis. Specific policy areas included for analysis are welfare, criminal justice, education, civil rights, energy, the environment, and regulation of the economy.

PM 3240 - Public Budgeting and Financial Management

Credit Hours 3

Description: Budgeting and financial management in the public sector. Reviews the governmental revenues and expenditures. Analyzes the practices and procedures of public financial management.

PM 3250 - The Principles and Practice of Urban Planning

Credit Hours 3

Description: Methods and procedures used in urban planning; practical dimensions of collecting, reviewing and developing plans useful for local projects.

PM 3310 - Race and Cultures in Administration and Politics

Credit Hours 3

Description: An examination of controversies relating to racial integration of schools, neighborhoods, and workplace. An

analysis of the relationship between racism and workplace, crime, family disorganization, and the role of racial fears along with reasons for not eliminating injustice through changes in policy and legislation.

PM 3400 - Women and Administration

Credit Hours 3

Description: The role of women in administration. A focus on the problems and opportunities in the workplace with the entrance of women in administration.

PM 3760 - Methods of Research for Administration

Credit Hours 3

Description: The nature of the scientific method and basic techniques in social science research as applied to the collection, analysis, and interpretation of social and management data.

PM 4090 - Comparative Public Administration

Credit Hours 3

Description: Introduction to the governmental administrative and political systems of both developed and underdeveloped countries. Focus on the political system and its manifestation in the administrative system.

PM 4120 - Organizational Theory and Behavior

Credit Hours 3

Description: An introduction to organizational theory and its relationship to behavior and management.

PM 4320 - Administrative Law

Credit Hours 3

Description: The procedural law of public agencies and the exercise of discretion and control through internal procedures and judicial review. Special emphasis is directed toward the legal environment of public administration and the impact of court decisions on the administrative process.

PM 4330 - Political Aspects of Criminal Behavior

Credit Hours 3

Description: An examination of criminal behavior of individuals and the effects of their behavior on the political system. Both the reality of criminal behavior and the perception of crime will be examined in relation to measures taken to control the behavior of criminals.

PM 4340 - Public Sector Labor Law

Credit Hours 3

Description: An examination of the emergence and impact of unionization and collective bargaining on the public sector with emphasis on the role of the public administrator. Administrative and court decisions to examine issues of current significance concerning public sector labor relations.

PM 4350 - Employment Discrimination Law

Credit Hours 3

Description: Concentrates on employment distinctions based on invidious grounds; such as race, gender, religion, national origin, age, and handicaps. It examines Title VII of the Civil Rights Act of 1964, the Age Discrimination Act, the Equal Pay Act, and various executive orders pertaining to employment discrimination.

PM 4400 - Administration of Nonprofit Organizations

Credit Hours 3

Description: This course focus on key aspects of administering a variety of nonprofit organizations. Topics studied include the historical foundation of the sector, administrative theories, human resources development, financial practices, lobbying and advocacy, social entrepreneurship and contemporary challenges confronting the sector.

PM 4405 - Nonprofit Fundraising and Grantsmanship

Credit Hours 3

Description: Students will explore a variety of organizational revenue streams and how to write grant proposals.

PM 4420 - Advertising Nonprofit Organizations

Credit Hours 3

Description: This course focuses on the unique aspects of publicizing nonprofit organizations. Topics studied include strategic planning, advertising processes, and the use of social media.

PM 4430 - Ethics in Public Administration and Nonprofit Organizations

Credit Hours 3

Description: The purpose of this course is to provide comprehensive coverage of ethical issues involved in the administration of public and nonprofit sectors.

PM 4440 - Developing Volunteer Programs

Credit Hours 3

Description: This class is designed to foster and develop a theoretical understanding and a practical application for private citizens/agencies and public agencies to work together in providing a wide range of public services - from feeding and clothing; neighborhood crime watch; Habitat for Humanity; to mental health assistance. In this class we will explore and examine effective methods for managing volunteer programs supported by private and public agencies. This analysis will be conducted from a historical perspective.

PM 4450 - Training and Development in the Public and Nonprofit Sectors

Credit Hours 3

Description: This undergraduate course is designed to provide students interested in the field of human resources with knowledge and skills necessary to understand the processes of learning, training, and development and their applications in public and non-profit organizations. This course is a guide to the design, implementation and evaluation of training needs, design of relevant training curricula, implementation of training programs with appropriate training methods, trainers, and effective evaluation of training programs with reference to the job performance of the employee and organizational effectiveness.

PM 4460 - International Nongovernmental Organizations

Credit Hours 3

Description: This course analyzes international nongovernmental and nonprofit groups social services and providing humanities functions.

PM 4860 - Public Management Internship and Practicum

Credit Hours 6

Description: Supervised work experience with a cooperating governmental or quasi-governmental agency. Students also must meet biweekly in a seminar organized around topics relating to the intern experience.

Radiologic Technology

RLTN 2050 - Medical Terminology

Credit Hours 1

Prerequisite: English 1010 and 1020

Description: An introduction to medical vocabulary including the definition of terms, general usage, spelling, and pronunciation. Common prefixes, suffixes, word roots, combining forms, and abbreviations concerned with the health professions are stressed.

RLTN 3000 - Introduction to Radiologic Technology

Credit Hours 2

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Description: A study of professional organizations, ethics, legal issues, radiation protection, methodology, and elementary imaging techniques.

RLTN 3010 - Patient Care and Interaction

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography or Radiation Therapy concentration. Successful completion of all prior concentration coursework.

Description: A study of the physical and psychological needs of the family and patient, patient transfer techniques, interaction with the terminally ill, vital signs, administration of injections, pharmaceuticals, contrast media, venipuncture, ECG's, emergency medical situations, infectious disease process, and universal precautions.

RLTN 3020 - Image Production Evaluation I

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Description: A study of image qualities and image production to include radiographic qualities, production, and properties of x-rays, types of distortion, primary exposure factors, and control of scatter radiation.

RLTN 3030 - Radiographic Procedures

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Corequisite: RLTN 3031

Description: A study of radiographic procedures involving the lower extremities, shoulder girdle, pelvis, and spine. Emphasis on equipment manipulation, quality assurance, quality control, evaluation of images, and radiologic techniques.

RLTN 3031 - Radiographic Procedures I lab

Credit Hours 2

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Corequisite: RLTN 3030

Description: Laboratory component for study of radiographic procedures involving lower extremities, shoulder girdle, pelvis, and spine. Emphasis on equipment manipulation, quality assurance, quality control, evaluation of images, and radiologic techniques.

RLTN 3040 - Radiographic Image Analysis

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Description: A study designed to provide a basis for analyzing radiographic images. Included are the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and factors that affect image quality.

RLTN 3050 - Clinical Radiation Oncology I (and lab)

Credit Hours 2

Prerequisite: RLTN 3081

Corequisite: RLTN 3051

Description: Review of histopathology, etiology and epidemiology of site-specific cancers. Prognostic indicators including diagnosis, staging and routes of metastases and the impact of these factors on fraction and total dose discussed.

RLTN 3051 - Clinical Radiation Oncology Lab I

Credit Hours 1

Prerequisite: RLTN 3081

Corequisite: RLTN 3050

Description: Hands on equipment manipulation and practical applications of treatment techniques learned in clinical radiation oncology I.

RLTN 3080 - Introduction to Clinical Education

Credit Hours 2

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Description: Introduction to the field of Radiography. The course introduces the student to patient care, radiation protection and prepares the student for initial clinical practice. Introduces students to procedures involving the chest, abdomen, and upper extremities.

RLTN 3081 - Introduction to Clinical Radiation Oncology

Credit Hours 2

Prerequisite: RLTN 3080 with a grade of "C" or higher and admission to the radiation therapy program.

Description: Course is designed to prepare the student for clinical education. Topics include patient care, practice standards and the roles and responsibilities of a radiation therapist.

RLTN 3082 - Radiography Clinical Education I

Credit Hours 2

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Description: Supervised clinical practice in performing radiographic procedures.

RLTN 3083 - Radiography Clinical Education II

Credit Hours 2

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Description: Supervised clinical practice in performing radiographic procedures.

RLTN 3084 - Radiation Therapy Clinical Education I

Credit Hours 2

Prerequisite: Admission to radiologic technology radiation therapy concentration. Successful completion of all preceding radiation therapy coursework.

Description: Directly supervised clinical practice in performing radiation therapy procedures.

RLTN 3086 - Clinical education II Radiation therapy

Credit Hours 2

Prerequisite: Admission to Radiologic Technology Radiation Therapy concentration. Successful completion of preceding radiation therapy coursework

Description: Directly supervised clinical practice in performing radiation therapy procedures.

RLTN 3115 - Image Production and Evaluation II

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Description: A study of factors influencing radiographic quality and conditions influencing exposures, technique charts, artifact analysis, and digital imaging.

RLTN 3116 - Radiobiology and Radiation Protection

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography or Radiation Therapy concentration. Successful completion of all prior concentration coursework.

Description: A study of biological, chemical and physical effects of radiation. Emphasis is placed on radiation measurement and exposure to minimize somatic and genetic effects.

RLTN 3117 - Quality Control in Radiologic Technology

Credit Hours 2

Prerequisite: Admission to the Radiologic Technology Program, Radiography or Radiation Therapy concentration. Successful completion of all prior concentration coursework.

Description: Equipment testing, analysis of quality control data and quality assurance data, federal government guidelines and introduction to total quality management and procedures within the disciplines of radiography, and radiation oncology.

RLTN 3140 - Radiographic Procedures II

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Description: A study of procedures involving the skull, facial bones, and visceral organs requiring the use of contrast media.

RLTN 3141 - Radiographic Procedures II Lab

Credit Hours 2

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Corequisite: RLTN 3140

Description: Laboratory component for the study of procedures involving the skull, facial bones, and visceral organs requiring the use of contrast media.

RLTN 3150 - Clinical Radiation Oncology II

Credit Hours 2

Prerequisite: RLTN 3050 and (3080 or 3081 with a grade of "C" or higher)

Corequisite: RLTN 3151

Description: Continuation of Clinical Radiation Oncology I. Continue to review of histopathology, etiology and epidemiology of site-specific cancers. Prognostic indicators including diagnosis, staging and routes of metastases and the impact of these factors on fraction and total dose discussed.

RLTN 3151 - Clinical Radiation Oncology II Lab

Credit Hours 2

Prerequisite: RLTN 3050 and (3080 or 3081 with a grade of "C" or higher)

Corequisite: RLTN 3150

Description: Practical applications of treatment techniques learned in clinical Radiation Oncology II.

RLTN 3200 - Simulation and Treatment Techniques I

Credit Hours 1

Prerequisite: RLTN 3081 or 3080 with a grade of "C" or higher

Description: Students demonstrate accurate simulation and/or treatment set-up/patient immobilization for basic to intermediate radiation therapy protocols in a laboratory setting.

RLTN 3300 - Simulation and Treatment Techniques II

Credit Hours 1

Prerequisite: Admission to Radiologic Technology Radiation Therapy concentration. Successful completion of preceding radiation therapy coursework

Description: Students demonstrate accurate simulation and/or treatment set-up/patient immobilization for intermediate to advanced radiation therapy protocols in a classroom setting.

RLTN 4030 - Radiographic Procedures III

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography or Radiation Therapy concentration. Successful completion of all prior concentration coursework.

Description: A study of special procedures involving, computed tomography (CT), magnetic resonance imaging (MRI), vascular studies, nuclear medicine technology (NM), and ultrasonography (US).

RLTN 4032 - Clinical Education III

Credit Hours 3

Prerequisite: *Prerequisite:* (RLTN 3080 or 3081 with a grade of "C" or higher) and 3082, 3083

Description: Supervised clinical practice in performing radiographic procedures.

RLTN 4034 - - Radiation Therapy Clinical Education III

Credit Hours 2

Prerequisite: Admission to Radiologic Technology Radiation Therapy concentration. Successful completion of preceding radiation therapy coursework

Description: Directly supervised clinical practice in performing radiation therapy procedures.

RLTN 4083 - Clinical Education IV

Credit Hours 3

Prerequisite: RLTN 3084, 3086, 4034 and (3080 or 3081 with a grade of "C" or higher)

Description: Supervised clinical practice in performing radiation therapy procedures.

RLTN 4084 - Radiography Clinical Education IV

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Description: Supervised clinical practice in performing radiographic procedures.

RLTN 4085 - Radiography Clinical Education V

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Description: Supervised clinical practice in performing radiographic procedures

RLTN 4086 - Radiation Therapy Clinical Education V

Credit Hours 3

Prerequisite: Admission to Radiologic Technology Radiation Therapy concentration. Successful completion of preceding radiation therapy coursework

Description: Students perform radiation therapy treatment and simulation procedures under direct supervision of clinical staff.

RLTN 4110 - Special Topics

Credit Hours 1 to 16

Variable Credit Hours 1 to 16

Description: Selected topics of interest in Radiologic Technology. Topics to be chosen by the instructor and student. May be repeated for different topics for a total of up to 16 credit hours.

RLTN 4116 - Radiation Physics

Credit Hours 4

Prerequisite: Admission to the Radiologic Technology Program, Radiography or Radiation Therapy concentration. Successful completion of all prior concentration coursework.

Description: A study to provide a basic knowledge of physics as it pertains to the radiations used in the clinical setting. Fundamental physics units, measurements, principles, atomic structure, and types of radiation are emphasized. Also presented are fundamentals of x-ray generating equipment as well as x-ray production and its interaction with matter. Other topics include detailed analysis of the structure of matter, properties of radiation, nuclear transformation, x-ray production, and interactions of ionizing radiation.

RLTN 4118 - Radiation Therapy Physics

Credit Hours 4

Prerequisite: RLTN 4116 and (3080 or 3081 with a grade of "C" or higher)

Description: Course reviews atomic structure, photon interactions with matter and inverse square law. Introduction to operation and function of radiotherapeutic equipment to include ancillary equipment and their function (i.e., wedges, blocks and compensating filters.) Students will demonstrate ability to perform accurate dose calculations.

RLTN 4510 - Clinical Education I in Nuclear Medicine

Credit Hours 9

Description: This course is design to be taught in parallel with the Basic Sciences course and focuses primarily on the technical and operational aspects of performing clinical nuclear medicine procedures-including verification of orders, patient preparation and contraindications, explanation of procedures, administration of appropriate radiopharmaceutical by the proper route, preparation of proper instrumentation and auxiliary equipment as indicated by protocol, processing of images and data, and analysis of quality. Various clinical procedures useful in the diagnosis of pathological conditions in each primary organ system will be identified. In addition to diagnostic procedures, techniques and applications of radionuclides for radiotherapy procedures are also covered.

RLTN 4512 - Patient Care in Radiology

Credit Hours 1

Description: This course provides an overview of the basics of patient care including aseptic techniques, intravenous catheter placement and injections, blood drawing, urinary catheters, moving and lifting patients, ECG monitoring and gating, use of infusion pumps (i.e. gravity IV and Syringe pumps), fasting blood sugar and use of glucometers, obtaining and assessing patient history and condition, communication with patients and staff, and the handling of emergencies. Within this course, students obtain venipuncture competencies. Topics related to organizational structure of healthcare teams, medical ethics, patient confidentiality, and HIPPA responsibilities are presented. The course also includes discussions of health records and health information management.

RLTN 4513 - Physics and Instrumentation I

Credit Hours 2

Description: This course begins with an overview of the basics of nuclear medicine physics, including the structure of the atom, radioactive decay processes and laws, and interactions of radiation with matter. this is followed by a discussion of the topics related to radiation exposure and absorbed dose. The next sections discuss the concepts of radiation detection including gas-filled ionization detectors and scintillation detectors. The remaining sections are devoted to in-depth discussions of imaging instrumentation including scintillation cameras, single photon emission computed tomography (SPECT), positron emission tomography (PET), and z-ray computed tomography (CT) systems. The final section covers the theory and performance of quality assurance of dose calibrators, scintillation counting systems, and planar, SPECT, PET, and CT systems with emphasis on identifying and solving problems.

RLTN 4517 - Clinical Problems

Credit Hours 1

Description: This clinical nuclear medicine experience/training consists of a series of clinical rotations using the clinical nuclear medicine facilities at Vanderbilt University Medical Center, Vanderbilt Children's Hospital, and the VA Medical Center. Rotations include nuclear pharmacy, and in vitro lab, patient care, cardiac stress testing, general nuclear medicine and positron emission tomography imaging procedures in adults and children, and quality assurance. The imaging rotations are established so that each student is assigned to a single independent work assignment supervised by a board-certified technologist, a radiopharmacist (radiopharmacy rotation), or a radiology registered nurse (nursing rotation). Rotations may be modified as needed during the second set of rotations to address noted deficiencies of specific students. Students receive written evaluations weekly from the supervisory staff. Proficiency testing is accomplished during later rotations in the form of clinical competency requirements.

RLTN 4520 - Clinical Rotations II

Credit Hours 19

Description: This course is designed to be taught in parallel with the Basic Sciences course and focuses primarily on the technical and operational aspects of performing clinical nuclear medicine procedures-including verification of orders, patient preparation and contraindications, explanation of procedures, administration of appropriate radiopharmaceutical by the proper route, preparation of proper instrumentation and auxiliary equipment as indicated by protocol, processing of images or data, and analysis of quality. Various clinical procedures useful in the diagnosis of pathological conditions in each primary organ system will be identified. In addition to diagnostic procedures, techniques and applications of radionuclides for radiotherapy procedures are also covered.

RLTN 4521 - Physics and Instrumentation II

Credit Hours 2

Description: This course begins with an overview of the basics of nuclear medicine physics including the structure of atom, radioactive decay processes and laws, and interactions of radiation with matter. This is followed by a discussion of the topics related to radiation exposure and adsorbed dose. The next sections discuss the concepts of radiation detection including gas-filled ionization detectors and scintillation detectors. The remaining sections are devoted to in-depth discussion of imaging instrumentation including scintillation cameras, single photon emission computed tomography (SPECT), positron emission tomography (PET), and x-ray computed tomography (CT) systems. The final section covers the theory and performance of quality assurance of dose calibrators, scintillation counting systems, and planar, SPECT, PET, and CT systems with emphasis on identifying and solving problems.

RLTN 4524 - Research Methods II

Credit Hours 1

Description: This course provides an overview of common research methods in the health sciences. Throughout the course, students will identify a salient research topic in the field of nuclear medicine, design and complete their own research project, and prepare their projects for presentation. Projects will be presented at an annual professional society conference in either poster or oral format.

RLTN 4525 - Advanced Clinical Practice

Credit Hours 1

Description: This course is designed to be taught in parallel with the Basic Sciences course and focuses primarily on the technical and operational aspects of performing clinical nuclear medicine procedures-including verification of orders, patient preparation and contraindications, explanation of procedures, administration of appropriate radiopharmaceutical by the proper route, preparation of proper instrumentation and auxiliary equipment as indicated by protocol, processing of images or data, and analysis of quality. Various clinical procedures useful in diagnosis of pathological conditions in each primary organ system will be identified. In addition to diagnostic procedures, techniques and applications of radionuclides for radiotherapy procedures are also covered.

RLTN 4530 - Clinical Rotations III

Credit Hours 18

Description: This course is designed to be taught in parallel with the Basic Sciences course and focuses primarily on the technical and operational aspects of performing clinical nuclear medicine procedures-including verification of orders, patient preparation and contraindications, explanation of procedures, administration of appropriate radiopharmaceutical by the proper route, preparation of proper instrumentation and auxiliary equipment as indicated by protocol, processing of images or data, and analysis of quality. Various clinical procedures useful in the diagnosis of pathological conditions in each primary organ will be identified. In addition to diagnostic procedures, techniques and application of radionuclides for radiotherapy procedures are also covered.

RLTN 4531 - Board Review

Credit Hours 1

Description: This course provides a thorough content review of major topic areas in the field of nuclear medicine technology with the intent of preparing students to take national board certification exams. In addition, multiple practice board exams are included within this course.

RLTN 4550 - Radiographic Pathology

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography or Radiation Therapy concentration. Successful completion of all prior concentration coursework.

Description: A study of radiographic pathology. Etiology and clinical manifestations will be described. and its effect on the production of radiographs.

RLTN 4560 - Radiation Therapy Treatment Planning and Dosimetry

Credit Hours

Prerequisite: RLTN 3084, 3086, 4034 and (3080 or 3081 with a grade of "C" or higher)

Description: Application of brachytherapy calculations including source distribution and implant duration. Contrast and compare hand calculations with computer generated calculations. Site-specific examples of treatment planning and dosimetry. Demonstrate proficiency in external and election beam treatment planning.

RLTN 4570 - Management in Radiologic Technology

Credit Hours 2

Prerequisite: Admission to the Radiologic Technology Program, Radiography or Radiation Therapy concentration. Successful completion of all prior concentration coursework.

Description: A study of management principles, organizational, administration and human resource management in radiography and radiation oncology departments.

RLTN 4575 - Technical Radiation Oncology

Credit Hours 3

Prerequisite: RLTN 3084, 3086, 4034 and (3080 or 3081 with a grade of "C" or higher)

Description: Mastery of basic concepts and technical aspects of radiation oncology. Topics include custom block, mold and immobilizer fabrication, intensify modulated radiation therapy (IMRT), stereotactic radiosurgery, intraoperative radiotherapy and brachytherapy. Participation in lab simulation activities to reinforce routine simulation techniques.

RLTN 4580 - Research Methodology in Radiologic Technology

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography or Radiation Therapy concentration. Successful completion of all prior concentration coursework.

Description: Methods of research and design of research studies relative to radiologic science. Determination of appropriate statistical test and analysis of data will be emphasized.

RLTN 4590 - Registry Review for Radiologic Technologies

Credit Hours 3

Prerequisite: Admission to the Radiologic Technology Program, Radiography concentration. Successful completion of all prior concentration coursework.

Description: Capstone course of the program. Synthesis and application of didactic and clinic courses. Test-taking strategies and review for national certification examination will be emphasized.

RLTN 4595 - Radiation Therapy Registry Review

Credit Hours 3

Prerequisite: RLTN 3084, 3086, 4034 ; and (3080 or 3081 with a grade of "C" or higher)

Description: Capstone course of the program. Synthesis and application of didactic and clinic courses. Testing strategies and review for national certification examination will be emphasized.

Reading

RDG 4005 - K-3 Foundational Literacy Skills

Credit Hours 3

Variable Credit Hours 3

Prerequisite: Transition II

Description: This course introduces the foundational skills of early literacy instruction for teaching elementary K-3 students and analysis of literacy assessment data to determine appropriate instructional decisions. Research on literacy from the National Reading Panel and the science of reading inform the framework of this course as teacher candidates learn literacy foundational skills—phonological awareness, phonics, fluency and vocabulary as well as spelling, writing, and English Language Arts content and methods of teaching. Pre-service teacher candidates will apply and integrate this knowledge in future coursework in their education program and future classrooms.

RDG 4010 - Teaching the Language Arts: K-6

Credit Hours 3

Prerequisite: Transition 2

Description: Includes organization and assessment strategies, materials and methods of teaching the language arts for elementary grade students. Interrelatedness of these skills is stressed through activities which teach children of all cultures to think and communicate. A field experience is required.

RDG 4020 - Teaching Reading in the Primary Grades

Credit Hours 3

Prerequisite: Transition 2

Description: Includes scope and sequence of skills, assessment, organization strategies, materials and methods of listening, speaking, writing and reading for preschool and primary grade students. Interrelatedness of these skills stressed through activities which teach children of all cultures to think and communicate. A field experience is required.

RDG 4030 - Literacy in Upper Elementary Grades

Credit Hours 3

Prerequisite: Transition 2

Corequisite: EDUC 4080

Description: This course is designed to provide pre-service students with research-based methods and procedures of teaching a balanced literacy approach in the upper elementary grades (4-6 grades). Field-based work and a preclinical experience will be required.

RDG 4040 - Content Reading

Credit Hours 3

Prerequisite: Transition 2

Description: A course designed for 4-8 majors which focuses on strategies for developing literacy skills in the content areas. Methods for addressing the needs of diverse learners, including English Language Learners are emphasized.

RDG 4050 - Literature for Children

Credit Hours 3

Prerequisite: Transition 2

Description: Appreciation, selection, and use of children literature as related to curriculum enhancement and the needs of children. Course also addresses multiculturalism and needs of English Language Learners.

RDG 4053 - Teaching Language Arts and Literature to English Language Learners

Credit Hours 3

Dual Listed: RDG 5363

Description: This course will present an overview of teaching Language Arts and Literature to ELL students from diverse backgrounds. This course includes language arts organization, materials, teaching methods, and assessment strategies for the elementary grades. Interrelatedness of these skills is stressed through activities that teach children of all cultures to think and communicate. It is designed to provide the research, best practices, and materials included in a balanced literacy classroom.

RDG 4890 - Teaching Reading in the Secondary Schools

Credit Hours 3

Prerequisite: Transition 2

Description: A course designed to prepare teachers in teaching developmental, corrective, and remedial reading on the secondary school (English classroom) level. Methods to address English Language Learners reading skills are included.

Science

SCI 4020 - Science Pedagogy

Credit Hours 4

Variable Credit Hours 4

Prerequisite: Transition 2

Description: Teacher candidates will engage in activities to cultivate the pedagogical mindset necessary for effective, constructivist, instructional strategies in the science classroom (K-12). Candidates will develop Learning Segments (Units of Study) and specific inquiry-based lesson activities for the Grade Bands (K-2, 3-5, 6-8 science, or 9-12 sciences) in which they plan to teach. Classes will include lecture, lab, and outdoor field experiences.

SCI 4030 - Science Curriculum Development

Credit Hours 4

Variable Credit Hours 4

Prerequisite: Transition 2

Description: This course should help secondary science teacher candidates (Grades 6-12) select essential content for life, chemical/physical, and earth/space science curricula. Candidates in this course will review basic concepts of the varied science disciplines with a focus on grade-appropriate material for middle and/or high school science classrooms. Conceptual schemes will be discussed for integrated field and laboratory activities and culturally responsive topics in science/technology/society relationships. Classes will include lecture, lab, and outdoor field experiences.

Social Work

SW 499A - Directed Individual Study

Credit Hours 1

Prerequisite: Junior standing and permission of supervising faculty required

Description: Specialized individual study under the direction of a faculty member.

SW 499B - Directed Individual Study

Credit Hours 2

Prerequisite: Junior standing and permission of supervising faculty required

Description: Specialized individual study under the direction of a faculty member.

SW 2110 - Introduction to Social Work

Credit Hours 3

Description: Definition of social work, the social work role, and social work outcome for the individual, group, organization, community, and institution in society. Introduction to and exploration of the generalist framework, problem-solving model, values, diversity, and their development in the 20th century as defined by critical thinkers in the profession.

SW 3400 - Generalist Social Work Practice

Credit Hours 3

Prerequisite: SW 2110, 3410, 3420 and admission to SW program

Description: Exploration of each phase of the generalist framework from a strengths-oriented, ecological perspective with emphasis on core practice skills and skill development for carrying out entry-level, direct generalist practice. A grade of "C" or higher is required in this course in order to take SW 3620 or SW 3630. This is a web-enhanced course.

SW 3410 - Values, Ethics and Diversity

Credit Hours 3

Description: Hybrid course emphasizes developing heightened awareness of personal, professional, and societal values that inform decisions. It focuses on a process for ethical decision making, particularly in handling ethical dilemmas. Additionally, it explores the nature of cultural competence and diversity sensitivity.

SW 3420 - Human Behavior in the Social Environment

Credit Hours 3

Prerequisite: SW 2110

Pre/Corequisite PSYC 1030, SOC 1010, BIOL 1040/1041 or BIOL 2010/2011

Description: Ecological and social systems theory for integrating concepts and knowledge about human behavior through the entire life span, behavioral science at the individual, family, group, organizational, community, and societal levels. Content on race, gender, and sexual orientation.

SW 3430 - Elements of Rural Practice

Credit Hours 3

Description: Examination of the distinctive nature of rural generalist practice, historical development, special skills, knowledge, attitudes, and values which are particularly relevant for practice in nonurban settings as well as current issues facing rural practitioners. This is a web-based course.

SW 3440 - Crisis Intervention

Credit Hours 3

Prerequisite: SW 2110

Description: Exploration of crisis intervention models, processes, strategies, and skills with particular attention to HIV/AIDS, suicide, sexual assault, and family violence. This is a web-based course.

SW 3450 - Human Behavior in the Macro Social Environment

Credit Hours 3

Description: Applying the systems framework for creating and organizing knowledge of human behavior and the social environment on the macro-scale. Exploration of the family, the group, the organization, and the community, investigation of societal dynamics surrounding ethnic, oppressed minority, and gay and lesbian communities, the connection among the biological, economic, political, social, and ethical systems, and the generalist social work problem solving model.

SW 3460 - Community Mental Health: Policy and Practice

Credit Hours 3

Description: Survey of current social work methods for working with the severe and persistently mentally ill incorporating an explanation of the DSM IV and the diagnostic process. Exploration of the consumer movement and its impact on services and treatment methods, as well as a focus on advocacy for specific populations such as the homeless, alcohol and drug dependent, women, gays and lesbians, people of color and other oppressed groups in their struggle for adequate treatment. Review of the history of work with the "insane", including the development of legal rights and precedents and a survey of current societal biases that affect the development of a program for insuring mental health for all in society.

SW 3470 - Techniques of Social Work for Groups

Credit Hours 3

Description: A hands-on experience in leading groups for people who are faced with the need for rehabilitation, skills-training,

and emotional development based on social work methods. Exploration of the ways in which people behave in groups, think about groups, and achieve life satisfaction through participating in a group. Investigation of the different group leader styles appropriate for oppressed groups such as women, gays and lesbians, people of color, and the mentally ill.

SW 3480 - Living with HIV

Credit Hours 3

Description: Explores psychosocial issues related to providing care to persons living with HIV/AIDS. Includes basic knowledge for assessment and intervention including assessing risk behavior, risk reduction, resource linkage, and appropriate skills for serving the vulnerable client. This is a web-based course.

SW 3490 - Social Work and Aging

Credit Hours 3

Description: This course offers an empowerment-oriented approach to social work practice with the elderly. It explores problems such as health, mental health, financial and housing needs for this at risk group. The roles and responsibilities of the SW practitioner are clearly identified. This is a web-based course.

SW 3495 - Social Work and Addictions

Credit Hours 3

Description: This course serves as an overview of drugs, their actions and interactions. The topics will be approached from a variety of perspectives-behavioral, pharmacological, historical, social, legal and clinical. An overall goal of this course is to increase the students knowledge of drugs and drug abuse as well as to identify roles and responsibilities of social workers with addictive individuals and families.

SW 3500 - Youth Gangs and Juvenile Delinquency

Credit Hours 3

Description: This course promotes critical analysis of the history of youth gangs, societal response to gangs, and how youth gangs and juvenile delinquency are inter-connected. Additionally, this course explores of the theories of gang involvement, juvenile delinquency, prevention and intervention with an emphasis on a family systems approach.

SW 3510 - Positive Social Work, Compassion Fatigue and Resiliency Theories

Credit Hours 3

Prerequisite: SW 2110

Description: An introduction to theories of personal and work satisfaction, resiliency theories and factors, social worker compassion fatigue and tools they can incorporate in their own life to reduce stress, increase personal strength and resiliency, improve coping skills and prevent compassion fatigue from occurring.

SW 3520 - Professional Writing for Social Work

Credit Hours 3

Description: This course introduces students to the APA style of writing required for social work. Additionally, this course explores other professional writing, including grant writing, business letters and professional e-mail, court reports, and case file documentation.

SW 3530 - Social Work with the Military, Veterans and Families

Credit Hours 3

Description: This generalist course introduces students to the military culture in which military and their families function; the challenges faced by military families during times of deployment; and, the developmental phases of military life, to include early retirement. Students will also learn the range of physical, mental and psychosocial issues resulting from the stresses of deployment and combat.

SW 3550 - Medical Social Work

Credit Hours 3

Prerequisite: SW 2110

Description: This course integrates a study of the history of health care, policy creation and service delivery in the U.S. The course utilizes a biopsychosocial perspective to study the interrelatedness of systems and the influence of diverse cultures. Practice skills are focused on chronic illness and working with caregivers and health care teams.

SW 3620 - Micro Social Work Practice

Credit Hours 3

Prerequisite: SW 3400 with a grade of "C" or better

Description: Exploration of a systematic-eclectic framework for integrating a variety of theoretical perspectives for entry-level, direct generalist practice with individuals, families and small groups. Includes selected theoretical models of social casework, family treatment, empowerment, social group work, and crisis intervention, as well as the ecosystems perspective. A minimum grade of "C" is required in this course. This is a web-enhanced course.

SW 3630 - Macro Social Work Practice

Credit Hours 3

Prerequisite: SW 3400 with a grade of "C" or better

Description: The combined curriculum encompasses a systems-oriented approach to understanding human behavior on a macro-scale within various societal contexts. It delves into exploring the family, group, organization, and community dynamics while investigating societal intricacies related to ethnic, oppressed minority, and LGBTQ+ communities. This comprehensive study connects biological, economic, political, social, and ethical systems, integrating a generalist social work problem-solving model.

SW 3680 - Child Welfare I

Credit Hours 3

Prerequisite: SW 2110

Description: This course is designed to instill knowledge and commitment to the principles of practice in the Tennessee Public Child Welfare arena. Study content specifically provides information on the characteristics of the populations served and social issues addressed by the Tennessee Department of Children's Services (DCS).

SW 3700 - Child Welfare II

Credit Hours 3

Prerequisite: SW 3680

Description: This is the second course in the Child Welfare Certification Program which develops the skills and treatment interventions related to social work with abused/neglected children and their families. Students will have several opportunities to develop their own skills through a variety of teaching methods.

SW 3710 - School Social Work

Credit Hours 3

Prerequisite: SW 2110, 3400

Description: Overview of significant issues children and adolescents bring to school. Offers tools and strategies for understanding and working within the constraints of the school environment. Covers treatment strategies that enable social workers to assist children and adolescents who have issues related to violence and trauma, parental absence, alcohol and drug abuse as well as death and loss.

SW 3770 - Research Methods

Credit Hours 3

Description: Exploration of the scientific method through research design, hypothesis testing, and data analysis. In a hands-on process the student is guided through formulating a research question, collecting data to answer the question, and analyzing the data for its scientific importance and its importance for social work. The importance of research for providing a knowledge base for the solution of social problems affecting oppressed groups such as women, gays and lesbians, people of color is emphasized in addition to the emphasis on values and ethics required for work with human subjects.

SW 4030 - Child and Adolescent Mental Health

Credit Hours 3

Description: This class prepares social work students to understand the children's mental health system. Any social worker providing services to children will need to be familiar with psychiatric terminology, diagnosis, medication and with the interventions provided to assist children with mental health needs.

SW 4035 - Social Work with Children and Families

Credit Hours 3

Description: This class explores the range of social work practice settings that help children and their families, and child and family assessment. It looks at a range of problems affecting children and their families, and specific intervention techniques to help.

SW 4040 - Social Work and Family Violence

Credit Hours 3

Description: This class explores the range of violence affecting families (e.g., child maltreatment, intimate partner violence, elder abuse) and prepares students to understand how violence affects families and how to intervene in families where abuse has occurred.

SW 4045 - Spirituality and Social Work

Credit Hours 3

Description: This course examines how social work interventions are affected by the spiritual beliefs of clients, and how social workers can be more effective by including their clients' spirituality in the biopsychosocial assessment and intervention.

SW 4050 - International Social Work

Credit Hours 3

Description: This course integrates a study of the international social work issues related to human trafficking, global warming, sanitation, poverty and gender. This course utilizes social system theory and focuses on the international issues at micro and macro levels. Students can learn international issues that affect their clinical social work practice.

SW 4400 - Seminar for Field Instruction

Credit Hours 1

Prerequisite: SW 2110, SW 3400, SW 3410, SW 3420, SW 3620, SW 3630, SW 3770, SW 4430, and SW 4440 as prerequisites or concurrent enrollment; with a minimum grade of "C" in SW 3400, 3620, and 3630.

Description: Overview of approved social service agencies, preparation for interviews in selected sites, and facilitates the development of a student placement profile which includes application to the field practicum, resume, agency profile and evidence of insurance coverage as required by CSWE. Students also meet individually with the field coordinator twice during the course. Grading on a pass/fail basis.

SW 4410 - Field Instruction

Credit Hours 12

Prerequisite: SW 2110, 3400, 3410, 3420, 3620, 3630, 3770, 4430, 4440; the following must earn a "C" or higher in SW 3400, 3620, 3630

Description: Educationally-supervised practice activities with individuals, families, groups, organizations, and communities in an approved social service agency for thirty-two hours per week over the course of the semester. Pass/Fail basis.

SW 4411 - Field Instruction Concurrent Seminar

Credit Hours 3

Corequisite: SW 4410

Description: Integrative learning application of theoretical knowledge and social values, and skill development through direct practice activities in an approved social service agency. Includes processing learning experiences in the field agency and connecting item

SW 4430 - Social Policy

Credit Hours 3

Description: Exploration of the process by which problems and issues in society are turned into rules, regulations and laws. Focus on the transition from private troubles to public issues in such areas as divorce, mental illness, welfare, child abuse and the response of society to the needs of oppressed groups such as single parents, the elderly, women, gays and lesbians, and people of color. The role of social work and social workers in society is investigated, as well as the history of social welfare in the United States, and the role of institutions in the delivery of services to people in need.

SW 4440 - Law and Social Work

Credit Hours 3

Prerequisite: SW 3400 with a grade of "C" or better

Description: The course explores the legal environment of social work, the legal system, and legal concepts. Actual cases will be briefed by students. The course is taught in a seminar format similar to a law school class, and is particularly useful for pre-law students.

SW 4720 - Senior Seminar

Credit Hours 3

Prerequisite: SW major, SW 4400 or concurrent with SW 4410, 4411

Description: The course is designed to be the "capstone" or final synthesis and integration course for the social work major. Self-directed, independent learning is a cornerstone of the course. Prior learning recognition, assessment, and integration through construction and evaluation of a social work portfolio is the major dynamic of the course. A minimum grade of "C" is required. This is a web-based course.

SW 4900 - Selected Topics in Social Work

Credit Hours 3

Description: Specially selected topics of current or continuing social significance, from social work perspectives.

SW 4905 - Comparative Access and Usage of Social Service Programs in Scotland

Credit Hours 3

Prerequisite: Permission of instructor

Description: This study abroad is a course to engage students in exploring social service and social welfare programs comparing the United States versus the United Kingdom model of helping. In this course students will learn about the history of the social service system in the United Kingdom compared to the America style system of "safety net" and "Elizabethan Poor Laws" and offer methods to compare the two methods of service delivery. By comparing social welfare states both across the UK and the US and within the UK, the course will explore different values and ideologies. We will also travel to Scotland to visit various agencies that provide social services to clients to explore how the agencies actually work at the site. In this highly interactive class, this mixed and diverse group of students will explore both on the US side and on the UK side what it feels like to be a consumer of services and a provider of social services via experiential learning exercises, readings, journaling, and site visits of agencies.

Sociology

IHSJ 2500 - Health and Social Justice

Credit Hours 3

Description: Drawing from interdisciplinary perspectives, this course is designed to highlight the systemic correlates of health and disease. Students will develop an understanding of inequities in health outcomes related to race, ethnicity, class, gender, sexual identity, gender identity, and other sociocultural factors. Students will explore health consequences of chronic stress related to experiences of discrimination, oppression, poverty, working and living conditions. This course will employ experiential activities such as journaling and facilitated discussion groups to promote self-awareness and foster a sense of belonging. Students will develop a personalized self-care plan and will consider strategies to promote social change.

SOC 440I - Sociology Internship

Credit Hours 0 to 12

Variable Credit Hours 0 to 12

Prerequisite: Sociology majors with junior/senior standing, permission of instructor, and completion of SOC 3760 or SOC 3770;

Description: This course helps students hone their ability to use the sociological perspective in an organizational setting while gaining career experience with an internship organization. Only three credit hours from this course may be counted toward the major.

SOC 499A - Directed Individual Study

Credit Hours 3

Variable Credit Hours 12

Description: Specialized individual study under the direction of a faculty member. Junior standing and permission of supervising faculty are required.

SOC 1010 - Introduction to Sociology

Credit Hours 3

Description: Introduction to sociology as a scientific discipline. Subject matter includes sociological concepts, sociological processes, social structure, social organization, and social institutions, including family, education, politics, religion, and economy.

SOC 1040 - Social Problems

Credit Hours 3

Course Changes: Previously SOC 2045

Description: A survey of social subjects including family, city, public health, alcoholism, drug dependency, racial and gender inequality, work, crime, and violence.

SOC 2500 - Cultural Anthropology

Credit Hours 3

Description: The theories and elements of culture are identified and applied to a variety of human societies. Emphasizes pre-modern society.

SOC 2550 - Foundations of Community Development

Credit Hours 3

Pre/Corequisite Community development refers to the broad set of skills and institutions that local communities utilize in an effort to improve the quality of life for all residents. We consider the history of community development as a contested response to situated social problems. This course examines the history of housing, economic trends, and social policies that have affected marginalized communities across the US, and the various ways through organizing and capacity building, that community development professionals and activists have sought to improve these conditions. We consider how power works, with particular attention to race, class and gender and other axes of difference, and question how power sets the boundaries of community, defining who is in and out, and privileging some forms of knowing over others. Topics will include the provision of affordable housing, community economic development and finance, education and workforce development, food systems, and environmental sustainability.

SOC 2700 - Sociology as a Profession

Credit Hours 3

Prerequisite: SOC 1010 or Instructor approval

Description: A presentation of career opportunities for sociology degrees. The course will introduce students to practical professional skills including researching the market search, applying to graduate school and resume development.

SOC 2900 - Marriage and the Family

Credit Hours 3

Description: Analysis of the family institution, its structure and function, and the dynamics of social change in family interaction and organization. The process of marriage examined includes dating, courtship, mate selection, engagement, and marriage. Attention to changes currently affecting the American family.

SOC 3050 - Race and Ethnicity in a Multicultural Society

Credit Hours 3

Description: Analysis of how race and ethnicity are socially constructed and how these definitions have changed historically and continue to change today. An examination of the relevant theories and research is reviewed.

SOC 3060 - Contemporary Issues in the Family

Credit Hours 3

Description: In depth examination of contemporary issues that affect family functions and relations.

SOC 3070 - Families Across Cultures

Credit Hours 3

Description: Cross-cultural, multicultural, and historical influences on family functions, structures, and behaviors; focusing on the recognition and understanding of cultural similarities and differences.

SOC 3080 - Gender and Sexualities

Credit Hours 3

Description: Gender and sexuality in American society and cross-culturally, with consideration to the role of gender in structuring identity, male/female interaction, and constraints on expanding opportunities.

SOC 3090 - Sociology of Education

Credit Hours 3

Description: An analysis of the American educational systems in historical, political, and economic terms in relationship to class, race, and gender stratification and social change.

SOC 3100 - Media and Popular Culture

Credit Hours 3

Description: This course examines the impact of the values, beliefs, and actions promoted by popular culture (ex. Movies, television, magazines, music, and fashion) on our daily lives. The course focuses on how popular culture is produced and consumed by society. The course also discusses the globalization of popular culture

SOC 3110 - Dimensions of Fairness

Credit Hours 3

Description: While many in the United States embrace the rhetoric of equal rights and the American Dream, inequality persists in living standards, power over resources and life chances. This course explores the fairness of society as understood by sociologists. Using sociological theory and concepts, we will consider the causes, consequences and extent of social and economic inequalities in the United States. What social categories are most meaningful for explaining contemporary U.S. inequalities? How are these categories stratified, how are people assigned to them, and how are resources distributed across these categories? In this course, we will also examine key institutions central to generating and sustaining inequality in the contemporary United States including families, neighborhoods, education, and labor markets. Within each domain, we pay special attention to the significance of race and ethnicity, social class and gender and how they intersect to produce disparate outcomes and consequences for individuals and social groups.

SOC 3140 - Deviance and Crime

Credit Hours 3

Description: Contemporary theories of deviant behavior and crime in American society are examined. The course emphasizes the relationship between norms, deviance, and forms of social control, and their role in social order and social change.

SOC 3150 - Social Psychology of Everyday Life

Credit Hours 3

Description: How principles of social psychology affect everyday human interaction. Covers such topics as mass media, leadership, personal attraction, communication, and the impact of the social environment on personality.

SOC 3250 - Social Institutions

Credit Hours 3

Description: Examines one or more social institutions from a sociological perspective. Social institutions may include, but are not limited to education, media, criminal justice, work, sport, religion, and globalization. The institution(s) covered in any given semester is at the discretion of the instructor. (Students may repeat this course a maximum of three times.)

SOC 3300 - Power, Privilege, and Global Inequality

Credit Hours 3

Description: Class analysis of the United States with focus on social and economic inequalities. Attention is given to such concepts as power, prestige, social opportunity, dependency.

SOC 3400 - Sociology of Religion

Credit Hours 3

Description: Religion as a social institution with an analysis of the functions of religion for society and a comparison of major religious groups in America.

SOC 3500 - Sport and Society

Credit Hours 3

Description: This course encourages students to think critically about the organization of sports and how sports relate to their social lives. It critically analyzes gender, racial, socioeconomic, and body image issues relating to sport, and the functions of sport related to existing cultural ideologies.

SOC 3700 - Health, Illness, and Medicine

Credit Hours 3

Description: Sociocultural factors which influence the cause, recognition, definition, and treatment of illness: the development, organization, and role of the medical profession as a social institution.

SOC 3740 - Professional Writing and Career Readiness

Credit Hours 3

Variable Credit Hours 3

Description: This course introduces students to the unique style and mechanics of writing in the field of Sociology and prepares students to enter the labor market. The course centers around writing an integrated literature review, but also introduces students to practical professional skills including the market search, applying to graduate school and resume development.

SOC 3750 - Population Dynamics

Credit Hours 3

Description: This course investigates the causes and consequences of population structure and change. The interrelationship between population processes (fertility, mortality, migration) and social, economic, and environmental factors are examined.

SOC 3760 - Methods of Social Research

Credit Hours 3

Prerequisite: SOC 1010 with a grade of "C" or higher

Description: Basic techniques in social research with emphasis on the collection, analysis, and interpretation of quantitative data.

SOC 3770 - Analysis and Assessment

Credit Hours 3

Variable Credit Hours 3

Description: This course introduces the basic techniques used to describe and analyze social science data. Students gain an understanding of how social scientists use quantitative data to understand social phenomena and how to use and interpret statistical measures and techniques commonly reported in the social sciences literature.

SOC 3810 - Globalization and Social Movements

Credit Hours 3

Description: This course explores the process of globalization by examining the dynamics of the transformation of the world's economy, environment, social institutions, and political structures including national sovereignty and democracy. Current social movements are examined within the context of changing global power structures.

SOC 4000 - Sociological Theory

Credit Hours 3

Prerequisite: SOC 1010 with a grade of "C" or higher

Description: Examination of the key questions addressed in sociology by reviewing the historical development and the current status of sociological theory.

SOC 4300 - Work, Occupations, and Society

Credit Hours 3

Description: Examines the development and role of organizations in contemporary society focusing on explanations of organizational structure, process and change.

SOC 4400 - Environment and Society

Credit Hours 3

Description: A comprehensive overview of the historical precursors to and the emergence of the field of environmental sociology. Topics include interactions between the physical environmental and the social world; perspectives in environmental sociology; environmental justice.

SOC 4420 - Environmental Justice

Credit Hours 3

Description: A study of the emergence and development of environmental justice. An understanding of the interaction between the human environment and inequality among different human groups, as defined by race, class, and gender will be addressed. Topic include environmental racism, the environmental justice movement, environmental attitudes, theories, and health, and race, class, and gender disparities.

SOC 4850 - Sociology Service Learning

Credit Hours 3

Prerequisite: SOC 1010 with grade of "C" or higher and permission of instructor

Description: This course offers a collaborative service learning experience in which students work with other students, their teachers, and experts in their communities to develop deeper knowledge of the subject being studied. Students will work to identify and solve challenges through engagement in their communities. The substantive topic of the course varies by instructor's expertise. (Students may repeat course to a maximum of three times.)

SOC 4900 - Selected Topics in Sociology

Credit Hours 3

Description: Specially selected topics of current or continuing social significance from sociological perspectives. Subjects to be announced when course is scheduled. Seminar, with regular class meetings.

SOC 4910 - Senior Capstone

Credit Hours 3

Prerequisite: SOC 3760, 4000, sociology major or permission of instructor

Corequisite: SOC 3770

Description: This course is composed of academic activities that require students to review and integrate the areas of sociological theory, research methods and statistics as they apply to the most common fields of the discipline.

Spanish

SPAN 304A - Study Abroad - Latin America

Credit Hours 6 to 8

Variable Credit Hours 6 to 8

Prerequisite: Basic knowledge of Spanish or by permission of instructor

Description: A study program designed to provide students with a total Spanish-speaking environment which will allow a broadening of knowledge and appreciation of the Spanish language and culture. Not applicable toward major. May be repeated for credit.

SPAN 304B - Study Abroad Program in Spanish: Spain and Spanish-America

Credit Hours 6 to 8

Variable Credit Hours 6 to 8

Description: A total immersion program in Spanish and other disciplines in a Spanish-speaking country.

SPAN 1010 - Introductory Spanish I

Credit Hours 3

Description: Introduction to the Spanish language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening covering word classes such as verbs, nouns, and pronouns, using grammatical forms for present, past and future, subject, objects, more prepositional phrases, and more complex syntactical structures.

SPAN 1020 - Introductory Spanish II

Credit Hours 3

Prerequisite: SPAN 1010

Description: Introduction to the Spanish language and culture with emphasis on oral communication. Extensive practice in reading, writing, speaking, and listening covering word classes such as verbs, nouns, and pronouns, using grammatical forms for present, past and future, subject, objects, more prepositional phrases, and more complex syntactical structures.

SPAN 2010 - Intermediate Spanish I

Credit Hours 3

Prerequisite: SPAN 1020 or equivalent

Description: A comprehensive review of Spanish along with extensive reading, close textual examination, and discussion of representative works of Spanish literature.

SPAN 2020 - Intermediate Spanish II

Credit Hours 3

Prerequisite: SPAN 2010 or equivalent

Description: A comprehensive review of Spanish along with extensive reading, close textual examination, and discussion of representative works of Spanish literature.

SPAN 2100 - Basic Survival Spanish Conversation

Credit Hours 3

Prerequisite: 2nd year proficiency in Spanish

Description: Designed to give the student skills in conversational Spanish needed for effective communication.

SPAN 2420 - Introduction to Spanish Translation and Interpretation

Credit Hours 3

Prerequisite: SPAN 2020;

Description: A discussion and discovery of basic concepts in the fields of translation and interpretation studies through hands-on practice and theoretical examination.

SPAN 3210 - Advanced Composition

Credit Hours 3

Prerequisite: SPAN 2020 or permission of instructor

Description: Free composition on assigned topics and translations to and from Spanish from a variety of authors and topics to develop fluency and correctness in writing Spanish.

SPAN 3220 - Phonetics and Conversation in Spanish

Credit Hours 3

Prerequisite: SPAN 2020 or permission of instructor

Description: A minimum of theory with extensive application in corrective phonetics to assure a high level of accuracy in Spanish pronunciation. Concentrated practice in oral command of Spanish. This course affords the student opportunities to discuss in Spanish assigned topics in order to develop confidence and accuracy in oral expression.

SPAN 3310 - Introduction to Hispanic Linguistics

Credit Hours 3

Prerequisite: SPAN 3210, 3220

Description: This course is an introduction to the various sub-fields of Hispanic linguistics from the perspective of contemporary linguistic theory. Students will become familiar with common concepts associated with phonology and phonetics, morphology, syntax, history of Spanish, language acquisition, and sociolinguistics.

SPAN 3400 - Special Topics: Language

Credit Hours 3

Prerequisite: permission of instructor

Description: Instruction and guidance in circumstantial Spanish, health care, police emergency, translators, religious crises, technical problems, etc.

SPAN 3410 - Business Spanish

Credit Hours 3

Prerequisite: SPAN 2020 or 3rd year proficiency

Description: Vocabulary and concepts in Spain and Spanish-American business.

SPAN 3450 - Peninsular and Latin American Cinema

Credit Hours 3

Prerequisite: SPAN 2020

Description: History of Peninsular and Latin American cinema and study of representative films.

SPAN 3510 - Spanish Civilization I

Credit Hours 3

Prerequisite: 3rd year proficiency in Spanish or permission of instructor

Description: The culture and civilization of Spain from its origin to the 18th Century.

SPAN 3520 - Spanish Civilization II

Credit Hours 3

Prerequisite: 3rd year proficiency in Spanish or permission of instructor

Description: The culture and civilization of Spain from the 18th Century to the present.

SPAN 3610 - Spanish American Civilization I

Credit Hours 3

Prerequisite: 3rd year proficiency in Spanish or permission of instructor

Description: The culture and civilization of Spanish-America from its origin to 1810.

SPAN 3620 - Spanish American Civilization II

Credit Hours 3

Prerequisite: 3rd year proficiency in Spanish or permission of instructor

Description: The culture and civilization of Spanish America from 1810 to present.

SPAN 4100 - Special Topics: Literature

Credit Hours 3

Prerequisite: Permission of instructor

Description: Individual projects, selected topics in authors or periods.

SPAN 4110 - Independent Study in Spanish

Credit Hours 1 to 4

Variable Credit Hours 1 to 4

Description: Students study independently in Spanish under instructor's guidance. Studies are planned to satisfy special individual needs and interests.

SPAN 4120 - Independent Study in Spanish

Credit Hours 1 to 4

Variable Credit Hours 1 to 4

Prerequisite: 3rd year proficiency in Spanish or permission of instructor

Description: Students study independently in Spanish under instructor's guidance. Studies are planned to satisfy special individual needs and interests.

SPAN 4320 - Sociolinguistics and Dialectology of Spanish

Credit Hours 3

Prerequisite: SPAN 3210, 3220

Description: This course explores the factors that have contributed to the development of dialects in the Spanish speaking world. Focus will be placed on social factors such as age, social class, gender and how these factors affect language variation and change

SPAN 4510 - Survey of Spanish Peninsular Literature I

Credit Hours 3

Prerequisite: 3rd year proficiency in Spanish or permission of instructor

Description: Peninsular literature from its origin to the 18th century.

SPAN 4520 - Survey of Spanish Peninsular Literature II

Credit Hours 3

Prerequisite: 3rd year proficiency in Spanish or permission of instructor

Description: Peninsular literature of the 19th and 20th centuries.

SPAN 4610 - Survey of Spanish American Literature I

Credit Hours 3

Prerequisite: 3rd year proficiency in Spanish or permission of instructor

Description: Pre-Columbian Spanish American literature to 1810.

SPAN 4620 - Survey of Spanish American Literature II

Credit Hours 3

Prerequisite: 3rd year proficiency in Spanish or permission of instructor

Description: Spanish American literature from 1810 to the present.

SPAN 4900 - Spanish Internship

Credit Hours 3

Prerequisite: Permission of Instructor

Description: This course helps students hone their ability to use the target language in a public or private organization while gaining career experience in the field. Students must complete at least 120 contact hours in the field. A major written project relating to the experience is required. Weekly updates and satisfactory evaluation by supervisor are required.

Special Education

ECSP 4080 - Behavior and Classroom Management

Credit Hours 3

Prerequisite: Transition II

Description: This comprehensive course explores the art and science of managing classroom behaviors across all levels and types of exceptionalities, from prekindergarten through grade twelve. Throughout this course, pre-service teacher candidates will delve into an array of behavior management techniques tailored to diverse exceptionalities, equipping preservice teacher candidates with a versatile toolkit for creating positive and productive learning environments. They will gain a deep understanding of foundational theories related to classroom organization and management, emphasizing their practical application in real-world educational contexts. This course includes a field experience component, bridging theory and practice, and serves as a prerequisite for student teaching, ensuring pre-service teacher candidates are well-prepared to effectively manage classrooms and create inclusive learning spaces for all students during their future teaching endeavors.

SPED 2300 - Introduction to Special Education

Credit Hours 3

Prerequisite: Transition 1

Description: Identification of handicapping conditions, programs for educating the individuals with disabilities and public laws specifying responsibilities of school personnel. 5 hour field experience is required.

SPED 2301 - Planning and the Learning Environment for Diverse Learners

Credit Hours 3

Description: This course is designed to provide students with the tools to build an inclusive classroom. A foundation for decision making surrounding curriculum development and differentiation will be established before developing understandings and application of specific strategies for differentiation. Principles of Universal Design for Learning as well as specific strategies targeted towards students with disabilities and English learners covered include differentiating for student needs and characteristics while addressing content, process, and products.

SPED 3100 - Early Childhood Special Education

Credit Hours 3

Prerequisite: Transition 2

Description: Identification of handicapping conditions, programs and services for educating young children with disabilities (birth-five years), and public laws specifying responsibilities of programs/school personnel. A field experience is required (five hours).

SPED 3200 - Introduction to Autism

Credit Hours 3

Prerequisite: Transition 2

Description: This course is an introduction to Autism Spectrum Disorders (Autism, Asperger's Syndrome, PDD-NOS), issues related to autism and the education of children with this diagnosis. A five hour field experience will be required.

SPED 3300 - Characteristics of Students with Mild/Moderate Disabilities

Credit Hours 3

Prerequisite: Transition 2

Description: Develop an awareness of the educational needs and goals of a person with mild/moderate disabilities. The physical, emotional, and psychological characteristics will be stressed. Lecture/discussion and 15 hours of field based experiences.

SPED 3330 - Characteristics of Students with Severe Disabilities

Credit Hours 3

Prerequisite: Transition 2

Description: Developing and understanding of the physical, psychological, and emotional characteristics of individuals with severe disabilities. Personal and social needs will be stressed. Fifteen hours of field experience required.

SPED 3340 - Developing Consultative Skills: Parents and Professionals

Credit Hours 3

Prerequisite: Transition 2

Description: Communication skills needed in working with parents and professionals regarding short and long range planning for the individuals with disabilities.

SPED 3350 - Diagnostic Assessment of Exceptional Students

Credit Hours 3

Prerequisite: Transition 2

Description: Techniques used to evaluate a variety of disabling conditions, on an individual basis, in special education classrooms. The student will be required to administer an array of evaluative instruments to special children in public school classrooms.

SPED 3360 - Characteristics of Gifted Education

Credit Hours 3

Prerequisite: Transition 2

Description: This course is designed to acquaint students with the tenets of gifted education. The focus will be on characteristics of gifted learners, the history of the field, assessment practices, and the need for differentiated instruction.

SPED 4000 - Literacy for Special Populations

Credit Hours 3

Dual Listed: SPED 5200

Description: This course will be an overview of the five foundational literacy skills needed to be a successful reader. It will include a study of assessments, interventions, and development of IEP goals for this area based on student need.

SPED 4330 - Behavior Management for Exceptional Students

Credit Hours 3

Prerequisite: Transition 2

Description: Techniques of managing classroom and other behaviors at all levels and types of exceptionality.

SPED 4340 - Effective Inclusion Strategies

Credit Hours 3

Prerequisite: Transition 2

Description: Provide instructional strategies and techniques for teachers of the mild and moderately disabled. Students will be assigned 15 hours field experiences to facilitate application of classroom instruction.

SPED 4341 - Effective Inclusion Strategies for Secondary Education

Credit Hours 3

Cross Listed: EDUC 5531

Description: Provide instructional strategies and inclusion methodologies to support secondary students with disabilities. The course will discuss disabilities, co-teaching, universal design for learning, RTI/MTSS, and content area support specific to secondary education.

SPED 4350 - Teaching Students with Severe Disabilities

Credit Hours 3

Prerequisite: Transition 2

Description: Provide instructional strategies and procedures for teachers of students with severe/multiple disabilities. Emphasis will also be directed toward assessment techniques, use of commercial materials and use of technology. Course is part of Residency I semester.

SPED 4370 - Career/Vocational Education for Exceptional Students

Credit Hours 3

Prerequisite: Transition 2

Description: Familiarize the student with techniques for determining job availability for students with disabilities, employer attitudes, necessary pre-job skills, and an awareness of community employment opportunities, and other transitions into post school life.

SPED 4390 - Assistive Technology in Special Education

Credit Hours 3

Prerequisite: Transition 2

Description: Familiarize students with the special needs of students that can be met by the use of assistive technology and equipment that is available.

SPED 4500 - Practicum in Special Education

Credit Hours 4

Description: This course provides students an opportunity to learn about evidence-based practices in special education, gain first-hand experiences with students served under an IEP, experience different types and levels of service delivery across the continuum, and reflect on how, when, and why specific evidence-based practices are implemented in public school settings.

Statistics

STAT 3250 - Statistical Methods

Credit Hours 3

Prerequisite: MATH 1910 or equivalent

Description: An introduction to sampling and design methods, descriptive statistics, basic probability and probability distributions, parametric and non-parametric estimation and hypothesis tests, tests for goodness-of-fit and independence, utilization of statistical software.

STAT 4120 - Introduction to Regression Analysis

Credit Hours 3

Prerequisite: STAT 3250

Description: Simple and multiple least squares regression. Curvilinear and piece-wise models. Inferences for parameters. Diagnostic, remedial, and goodness of fit measures. Model building techniques including best subsets, stepwise regression, cross-validation, ridge, lasso, and PCR. Categorical predictors and ANCOVA. Basic logistic regression. Appropriate statistical software used throughout.

STAT 4125 - Introduction to the Generalized Linear Model

Credit Hours 3

Prerequisite: STAT 4120 or permission of instructor;

Description: Topics include binomial and Poisson regression, overdispersion, negative binomial regression, nonparametric regression, random and fixed effects, repeated measures, survival analysis, and censored data. Appropriate statistical software (such as R or SAS).

STAT 4130 - Introduction to Experimental Design

Credit Hours 3

Prerequisite: STAT 4120

Description: Design concepts for experiments and studies: ANOVA for standard designs; analysis of covariance and other experimental designs.

STAT 4140 - Introduction to Time Series Analysis

Credit Hours 3

Prerequisite: STAT 4120 or permission of instructor;

Description: This course covers methods for analyzing data collected over time. Topics include autoregressive-moving average models (MA, ARMA, ARIMA), exponential smoothing, model identification, estimation, diagnostic checking, forecasting. Appropriate statistical software (such as R or SAS) used throughout.

STAT 4170 - Data Visualization and Exploration

Credit Hours 3

Prerequisite: Math 1910 or instructor permission

Description: Introduction to data analysis, pitfalls of data visualizations, making data-driven inferences and decisions, high dimensional data visualization, statistical and data mining techniques in information visualization.

STAT 4200 - Introduction to SAS Programming

Credit Hours 3

Description: Creating and reading raw data files and SAS data sets, investigating and summarizing data; creating SAS variables and recoding data values; combining multiple SAS files and creating listings and HTML summaries. Prepares students for the SAS Base Programming exam.

STAT 4240 - Introduction to Probability

Credit Hours 3

Cross Listed: MATH 4240;

Prerequisite: MATH 1920;

Description: A mathematical introduction to probability; sample spaces; probability functions; counting techniques; conditional probability; independence, total probability and Baye's rule; discrete and continuous random variables; expectation, median, variance; joint and conditional distributions; moment generating functions; laws of large numbers and the central limit theorem.

STAT 4250 - Introduction to Mathematical Statistics

Credit Hours 3

Prerequisite: STAT 4240 or MATH 4240

Description: A mathematical treatment of statistics including: properties of estimators; maximum likelihood estimation; confidence intervals; hypothesis testing; analysis of categorical data; non-parametric statistics.

STAT 4260 - Introduction to Stochastic Processes

Credit Hours 3

Cross Listed: MATH 4260;

Prerequisite: MATH 4240 or STAT 4240;

Description: An introduction to stochastic processes and their applications: Poisson and compound Poisson processes; discrete and continuous time Markov chains; renewal theory; random walks and Brownian motion.

STAT 4270 - Introduction to Nonparametric Statistics

Credit Hours 3

Prerequisite: STAT 3250 and (STAT 4240 or MATH 4240);

Description: Distribution free techniques for estimation of parameters and comparison of populations.

STAT 4290 - Introduction to Predictive Analytics

Credit Hours 3

Dual Listed: STAT 5290

Prerequisite: STAT 4120 or permission of instructor

Description: Advanced statistical techniques for analyzing large and high dimensional data. Topics include data mining strategy, data processing, data visualization, data issues and resolutions, predictive modeling techniques for decision making, model assessment and comparison. This course will be taught using appropriate statistical software (such as R or SAS or Python) .

STAT 4810 - Senior Seminar

Credit Hours 1

Cross Listed: MATH 4810

Prerequisite: Senior standing and permission of department chair;

Description: The threads that link concepts found in undergraduate mathematics and statistics will be discussed. The transition from student to career will be addressed. Students will propose and carry out a capstone project in statistics under the supervision of a faculty mentor.

Swedish

SWED 1110 - Swedish Lang and Culture I

Credit Hours 3

Prerequisite: At least one year of successfully completed full-time studies at the university level

Description: The course provides an introduction to Swedish language and literature, as well as to Swedish culture and society. The students are expected to practice their skills in spoken and written Swedish. The course is required by all international students studying at Mid-Sweden University.

SWED 1120 - Swedish Lang and Culture II

Credit Hours 3

Prerequisite: SWED 1110 and at least one year of successfully completed full-time studies at the university level

Description: The course provides an introduction to Swedish language and literature, as well as to Swedish culture and society. The students are expected to practice their skills in spoken and written Swedish. The course is required by all international students studying at Mid-Sweden University.

Theatre

THDA 440I - Internship in Theatre or Dance

Credit Hours 1 to 12

Variable Credit Hours 1 to 12

Prerequisite: Departmental approval. Junior or Senior status.

Description: This course is designed to provide students with practical experience in a professional setting as well as an opportunity for them to apply the skills they have learned in the classroom to a career they want to pursue.

Exposes students to new venues or new applications beyond the curriculum

THDA 2500 - Yoga for Performers

Credit Hours 2

Description: Yoga practice designed for those pursuing in-depth dance and theatre performance training. May be repeated one time.

THDA 2800 - Theatre Production I

Credit Hours 1

Prerequisite: Course restricted to those pursuing theatre and dance majors or minors; or by permission of instructor.

Description: Hands-on experience with the technical aspects of theatre and dance. Assignments will include scene shop, costume shop, lighting, and sound shop, as well as serving on the running crew for any of these areas for one Department of Theatre and Dance production.

THDA 2880 - Performance Practicum I

Credit Hours 1

Prerequisite: Departmental consent.

Description: Practical experience rehearsing and performing in a play, dance or musical from auditions to rehearsals through performance.

THDA 3800 - Theatre Production II

Credit Hours 1

Prerequisite: THDA 2800 and THEA 1600

Description: Continued study and application of the technical aspects of theatre and dance. Assignments may include scene shop, costume shop, and/or lighting and sound shop, as well as serving on the running crew in any of these areas for one Department of Theatre and Dance production.

THDA 3880 - Performance Practicum II

Credit Hours 1

Prerequisite: Department consent.

Description: Practical experience rehearsing and performing in a play, dance or musical from auditions to rehearsals through performance.

THDA 3995 - Senior Capstone Prep

Credit Hours 1

Prerequisite: Junior status and BA or BFA Theatre Arts major.

Description: This course addresses the planning and procedural elements of the senior capstone through discussions of requirements, timeline, and concentration specific expectations. Students will develop their project thesis for presentation, with the plan of implementation in the following academic year.

THDA 4520 - Careers

Credit Hours 3

Prerequisite: Course restricted to those pursuing theatre and dance major, minors or concentrations; or permission of instructor.

Description: This course addresses the skills needed to secure employment in performance or related fields. Topics will include branding, resumes, headshots, portfolios, unions, self-marketing, interviews, audition techniques/preparation, managers/agents, and regional markets.

THDA 4550 - Roy Acuff Chair Seminar

Credit Hours 2

Prerequisite: Theatre/Dance major or permission of instructor

Description: Offered once every four years, a research based course to prepare students to experience visiting artists of national/international reputation. Repeatable one time.

THDA 4995 - Senior Capstone

Credit Hours 3

Prerequisite: THDA 3995 and Theatre/Dance or Theatre Arts major, and senior status.

Description: Summative evaluation in which the student is given an opportunity in their final year of study to demonstrate integrated knowledge and growth in the major. Each individual senior theatre or dance student will create a substantial work.

THEA 1030 - Introduction to Theatre

Credit Hours 3

Description: A survey course to develop an awareness of the nature of theatrical art and its place in human culture. Incorporates study of history, theory, and practice of theatrical art. This is not a performance course.

THEA 1100 - Practical Theory I

Credit Hours 2

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations or permission of instructor;

Description: This course focuses on the fundamentals of music theory and aural skills for the Musical Theatre major.

THEA 1110 - Practical Theory II

Credit Hours 2

Prerequisite: THEA 1100; or permission of instructor.

Description: This course continues the material presented in THEA 1100, further building fundamental music theory and aural skills for the Musical Theatre student.

THEA 1300 - Acting I

Credit Hours 3

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.

Description: An analysis of the various styles and techniques of acting. Emphasis will be placed on performance through the use of improvisation, movement, and voice.

THEA 1301 - Beginning Acting for Non-Majors

Credit Hours 3

Description: This course is designed for non-theatre majors with an analysis of the various styles and techniques of acting. Emphasis will be placed on performance improvement through the use of improvisation, movement, and voice.

THEA 1340 - Musical Theatre Voice Seminar

Credit Hours 1

Prerequisite: Course restricted to Theatre/Dance or Theatre Arts majors.

Description: This course is an introduction to the basic elements of vocal production as it applies to musical theatre including, but not limited to, basic musicianship, vocabulary, healthy vocal technique, and vocal anatomy. This course will allow students

the opportunity to begin to build repertoire for auditions. Tools for stress management, problem solving, and time management. Preparation course for Musical Theatre Voice. Repeatable Course.

THEA 1500 - Stage Management

Credit Hours 3

Prerequisite: Theatre/Dance major or permission of instructor

Description: The study and application of the basic functions and responsibilities of professional stage managers.

THEA 1600 - Stagecraft

Credit Hours 3

Prerequisite: Course restricted to those pursuing Theatre & Dance Majors, Minors or permission of instructor;

Description: Principles and techniques used in scenic construction, rigging, handling and maintenance of stage scenery, scenic painting, projections, lighting and sound equipment and consoles.

THEA 1700 - Elements of Design/Rendering Techniques

Credit Hours 3

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.

Description: Exploration of various graphic media and techniques used to create visual images for the scenic and costume designer.

THEA 1900 - Drafting I

Credit Hours 3

Prerequisite: THEA 1600 and course restricted to those pursuing theatre and dance majors, minors or concentrations or permission of instructor;

Description: Exploration of the techniques involved in the preparation of design and technical drawings for theatrical productions. Student drafting projects will include scenic floor plan, scenic elevations, and pencil drawings.

THEA 2100 - Property and Costume Crafts

Credit Hours 3

Prerequisite: THEA 1600;

Description: An introductory course in the craft skills related to the construction and fabrication of various commonly used property and costume items for theatrical production.

THEA 2200 - Script Analysis

Credit Hours 3

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.

Description: Introduction to dramatic and visual storytelling techniques. Course includes critical study of various plays with emphasis on the production values by analyzing structure, genre, theme, style, character, and language.

THEA 2300 - Acting Improvisation

Credit Hours 3

Variable Credit Hours NA

Prerequisite: THEA 1300

Description: This course is a study of the various forms and styles of improvisation using the techniques of Viola Spolin, Charna Halpern, Del Close, and Keith Johnstone.

THEA 2350 - Stage Movement

Credit Hours 3

Prerequisite: THEA 1300; or permission of instructor.

Description: This course introduces principles and techniques of theatrical stage movement. It is designed to help actors and dancers make their bodies more flexible and efficient instruments of expression.

THEA 2500 - Acting II - Scene Study

Credit Hours 3

Prerequisite: THEA 1300; or permission of instructor.

Description: This course is designed for the acting student to continue their work in scene study that was started in Acting I. The techniques that have been introduced in Acting I will be honed in this class as the student is constantly reading plays, performing scenes, and building characters.

THEA 3000 - Makeup Design I

Credit Hours 3

Prerequisite: Course restricted for those pursuing theatre and dance majors, minors or concentrations or permission of instructor;

Description: An overview and practical application of makeup materials and techniques for the performer.

THEA 3010 - Theatre History I

Credit Hours 3

Description: Examines history and theory of pre-18th century theatrical and ritual practices, middle ages, and renaissances from various cultures. Emphasizes theatrical space, production, literature, and performance.

THEA 3020 - Theatre History II

Credit Hours 3

Variable Credit Hours NA

Prerequisite: THEA 3010

Description: This course examines the history and theory of theatrical entertainment arts in the 18th, 19th, and 20th centuries in various cultures. Emphasizes theatrical spaces, production, literature, and performance.

THEA 3080 - International Studies in Theatre I

Credit Hours 3

Prerequisite: Junior standing or permission of instructor

Description: Exposes students to the history, development, social relevance, and artistry of theatre abroad. Students will actively examine current trends in theatre within the confines of an international component. This area of study will culminate with an international experience. Students are expected to enroll in THEA 3090, International Studies in Theatre II, the following semester.

THEA 3090 - International Studies in Theatre II

Credit Hours 3

Prerequisite: Junior standing, THEA 3080 or permission of instructor

Description: This course is the culmination of THEA 3080. The students will experience international theatre first hand within the confines of a studies abroad program.

THEA 3200 - Voice for the Actor

Credit Hours 3

Prerequisite: THEA 1300 or permission of instructor

Description: This course focuses on the practical fundamentals of vocal production for the stage. Topics include body alignment, breath support, articulation, and Standard American Stage Speech using the International Phonetic Alphabet.

THEA 3330 - Musical Theatre History

Credit Hours 3

Description: A survey course of the history of musical theatre from operetta to present day with an emphasis on select shows and significant contributors to the genre.

THEA 3340 - Musical Theatre Voice

Credit Hours 1

Variable Credit Hours 8

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.

Description: One hour voice instruction. Singing techniques including tone production, anatomy, physiology, and diction utilizing musical theatre, contemporary, and classical repertoire. Participation in studio classes as required by instructor. BFA Musical Theatre concentration must complete a total of 8 semesters.

THEA 3341 - Private Half-hour Voice Elective

Credit Hours 1

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations or permission of instructor;

Description: One half hour private voice instruction focusing on Musical Theatre styles. Singing techniques including tone production, anatomy, physiology and diction utilizing theatre repertoire. May be repeated an additional 2X.

THEA 3350 - Musical Theatre Workshop I

Credit Hours 3

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.

Description: A performance-oriented study of musical theatre, composers, and styles to improve the student's ability to function as a member of a musical theatre chorus in solo and group performance.

THEA 3355 - Musical Theatre Coaching

Credit Hours 1

Prerequisite: THEA 3340

Description: Coaching in style and presentation of musical theatre songs and monologues. Attention will be given to character development and repertoire to support Capstone preparation, as well as new material for auditions. Open to Junior and Seniors in the Musical Theatre Concentration. Repeatable course.

THEA 3360 - Musical Theatre Workshop II

Credit Hours 3

Prerequisite: THEA 3350

Description: Advanced performance-oriented study of musical theatre, composers, and styles to improve student's audition and performance skills live and on camera.

THEA 3365 - Musical Theatre Studio

Credit Hours 1

Description: In this course, students will participate in performance for musical theatre, including singing, acting, and giving and receiving feedback. This course is an opportunity for students to put into practice skills gained through Musical Theatre Voice, Musical Theatre Voice Seminar, and Musical Theatre Coaching. Repeatable Course.

THEA 3370 - Stage Combat

Credit Hours 3

Prerequisite: THEA 2350 or permission of instructor.

Description: This course is an introduction to the advanced movement techniques of stage combat and the safe execution of these techniques on oneself and with scene partners or fellow combatants. Study may include any of the following techniques: unarmed, knife, rapier and dagger, broadsword, or quarterstaff.

THEA 3400 - Directing I

Credit Hours 3

Prerequisite: THEA 1300, 1600, 2200 and course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.

Description: This course concentrates on the theories and techniques of stage direction. Each student is required to complete a number of scene presentations throughout the term as well as a final focused directing project.

THEA 3500 - Stage Dialects

Credit Hours 3

Prerequisite: THEA 3200 or permission of instructor

Description: This course focuses on the skill of reproducing and implementing region-specific dialects common in theatrical performance. Topics include International Phonetic Alphabet transcription, sound substitutions, resonant focus, regional dialects, and foreign accents.

THEA 3550 - Stage Management II

Credit Hours 3

Prerequisite: THEA 1500;

Description: Continued study and application of the functions and responsibilities of professional stage managers, including advanced blocking and cue calling techniques, festival management, and production management.

THEA 3601 - Special Topics in Theatre

Credit Hours 3

Variable Credit Hours 9

Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.

Description: This course is offered periodically to further prepare students for a professional career in theatre. Focus may include a specialized course taught by a guest artist in residence or other. The subject of the course will be announced as the course is offered. This course is repeatable two times.

THEA 3700 - Scenic Design I

Credit Hours 3

Prerequisite: THEA 1600;

Description: A theoretical and practical introduction to Theatrical Scenic Design, with emphasis placed on script analysis and the implementation of various design elements.

THEA 3710 - Sound Design

Credit Hours 3

Description: A theoretical and practical introduction to the art, craft and technology of contemporary sound design for the theatre.

THEA 3750 - Scene Painting I

Credit Hours 3

Prerequisite: THEA 1600 or permission of instructor

Description: Course covers traditional theatre painting techniques, including tools and techniques, trompe l'oeil, color theory, paint chemistry and the history of scene painting.

THEA 3760 - Scenic Design II

Credit Hours 3

Prerequisite: THEA 3700

Description: Intermediate design for theatrical productions. Topics will include multiple-set productions, repertory productions, and alternative theatre spaces.

THEA 3850 - Costume Construction

Credit Hours 3

Prerequisite: Theatre/Dance major or permission of instructor

Description: Introduction to costume shop procedures. Through assigned projects, students learn basic machine and hand-sewing techniques. Specific emphasis on flat patterning and draping.

THEA 3890 - Costume Design I

Credit Hours 3

Prerequisite: THEA 2200

Description: A theoretical and practical introduction to all aspects of Theatrical Costuming from character analysis through design concept to realization.

THEA 3900 - Drafting II

Credit Hours 3

Prerequisite: THEA 1900

Description: Continuation of the theories and practices of THEA 1900. Computer-aided drafting and design and its application for theatre. Topics will include 2D layouts, 3D virtual models and plotting.

THEA 3950 - Acting Studio

Credit Hours 1

Prerequisite: Course restricted to Theatre/Dance or Theatre Arts majors in the BFA Acting concentration.

Description: This course is designed for the acting student to explore monologue, song, and scene work in a studio and masterclass setting. Incorporating feedback from multiple sources, the participants will workshop pieces twice a month. This course should be taken by BFA Acting students every semester.

THEA 4001 - Makeup Design II

Credit Hours 3

Prerequisite: THEA 3000;

Description: Continued study and application of the theories and practices of stage makeup. Topics will include character analysis, prosthetic work, facial manipulations, scar building and bruising, and creating designs with non-traditional media.

THEA 4100 - Period Styles of Architecture

Credit Hours 3

Prerequisite: THEA 3010 or permission of instructor;

Description: Survey of architectural styles from pre-Greek to the modern period as it relates to theatrical application.

THEA 4150 - Period Styles of Costumes

Credit Hours 3

Prerequisite: THEA 3010 or permission of instructor;

Description: Survey of costumes from antiquity to the modern period, with emphasis on the influence of social, cultural, and religious or traditions on dress.

THEA 4200 - Independent Research

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Department consent

Description: Opportunity for directed scholarly research in an area of special interest to the student. Enrollment accepted only after professor has approved a written project proposal from the student. Variable 1-3 credits.

THEA 4300 - Lighting Design I

Credit Hours 3

Prerequisite: THEA 1600 or permission of instructor;

Description: A theoretical and practical introduction to the principles of lighting design. Topics will include design theory,

paperwork, and practical application.

THEA 4350 - Acting Workshop

Credit Hours 3

Prerequisite: THEA 1300 or permission of instructor;

Description: This course is designed for the advanced acting student to explore alternative approaches to creating a role through scene study and in-depth performance techniques. the course may include; but is not limited to, research into contemporary trends of performance, studying a particular playwright's canon or acting theorists' work. The course may be repeated up to a total of six credit hours.

THEA 4401 - Directing II

Credit Hours 3

Prerequisite: THEA 3400;

Description: This course offers an advanced study of directing principles and techniques for the theatrical stage. Topics will include directorial analysis, composition, blocking, and alternative modern approaches. Each student is required to complete a focused directing project.

THEA 4510 - Stage Management Seminar

Credit Hours 3

Prerequisite: THEA 3550 or permission of instructor

Description: Course material will cover Theatre Unions and Theatrical Health and Safety on a rotating basis. Theatre Unions material will be offered in the Spring of odd years and will cover information on theatrical unions such as AEA, IATSE, and SDC. Theatrical Health and Safety will be offered in the Spring of even years and will cover information related to OSHA, as well as CPR/First Aid Certification. This course may be repeated for a total of six credit hours.

THEA 4650 - Performance for the Camera

Credit Hours 3

Prerequisite: Course restricted for those pursuing theatre and dance majors, minors or concentrations or permission of instructor;

Description: This course will introduce students to the special skills necessary for performance in the film, television and commercial industries.

THEA 4660 - Voice-Over Performance

Credit Hours 3

Description: This course introduces students to the different performative styles of voice-over necessary to compete in the commercial, narration, promo, animation, and video game industries.

THEA 4751 - Directed Studies in Theatre

Credit Hours 1 to 3

Variable Credit Hours 1 to 3

Prerequisite: Department consent

Description: Directed, concentrated study in a specific area of theatre. Designed as a substitute for a required course that is needed but not offered in a specific semester. Permission granted only to allow student a timely graduation. Variable 1-3 credits.

THEA 4790 - Lighting Design II

Credit Hours 3

Prerequisite: THEA 4300

Description: Advanced study of theatrical lighting design with an emphasis on visualization of design concepts, professional graphics, paperwork standards and practices.

THEA 4850 - Scene Painting II

Credit Hours 3

Prerequisite: THEA 3750

Description: Continued study and application of painting techniques for theatrical productions. Topics will include alternate scene painting tools, stencils, large scale works, cut drops, and scrims.

THEA 4890 - Costume Design II

Credit Hours 3

Prerequisite: THEA 3890;

Description: Advanced study of theatrical costuming from character analysis through design concept to realization. Unconventional rendering techniques will be explored.

THEA 4900 - Playwriting

Credit Hours 3

Cross Listed: ENGL 4900;

Prerequisite: Junior standing or permission of instructor;

Description: This course introduces students to the techniques involved in writing for the stage, including plot construction, scene development, and the ability to stage the work. The student will compose and revise scenes and short plays for stage performance.

THEA 4950 - Advanced Playwriting

Credit Hours 3

Cross Listed: ENGL 4950

Prerequisite: THEA 4900 or ENGL 4900;

Description: This course will focus on further development of the playwriting process. It is designed to give the student playwright opportunity for in-depth exploration and development of one's creative voice for stage and performance.

University Studies

UNIV 1000 - University Success

Credit Hours 1

Variable Credit Hours 1

Description: UNIV 1000 is an interdisciplinary course which provides students with a foundation for success. Emphasis is placed on student engagement, support services, library literacy, financial literacy, and academic planning. This course is required for all first time freshmen and students who enter APSU with fewer than 12 hours earned in a college/university setting after high school graduation but recommended for all new students. Students must register and remain enrolled in UNIV 1000 until a grade of "C" is earned.

UNIV 1010 - University Success and Foundations of Learning

Credit Hours 3

Variable Credit Hours 3

Description: UNIV 1010 is an interdisciplinary course which provides students with a foundation for success. Emphasis is placed on student engagement, support services, library literacy, financial literacy, academic planning and establishing a foundation for academic excellence at APSU. This course is required for all opportunity admit students. Students must register and remain enrolled in UNIV 1010 until a grade of "C" is earned.

UNIV 1200 - University Success for Transfer Students

Credit Hours 1

Variable Credit Hours 1

Description: UNIV 1200 is an interdisciplinary course that provides transfer students with a foundation for success and sense of belonging at APSU. This course will emphasize the importance of student engagement, student services, library literacy, academic strategies for success, and utilization of campus technology to understand APSU culture. Students enrolled in this course will gain useful information about self-advocacy and holistic wellness that will aid them in their transition to Austin Peay State University.

UNIV 2100 - University Success: Preparing for the World of Work

Credit Hours 2

Variable Credit Hours 2

Prerequisite: UNIV 1000

Description: This course is designed to help students understand the connection between academic programs and careers as well as understand the soft skills needed for any career. The activities and assignments are designed to facilitate mapping academic majors to career choices, and to expand understanding of the relationship between education and the world of work. Emphasis will be placed on self-awareness, career exploration, self-marketing techniques, and development of job/internship search skills and post-graduate opportunities. This course supports the university's overall mission to prepare students for successful careers and post-graduate opportunities.

UNIV 3010 - Foundations of Peer Leadership in the University

Credit Hours 1

Variable Credit Hours 1

Prerequisite: Student must have earned 12 or more hours.

Description: This course is designed as development for students who intend to serve as a peer leader in the University College peer leader program. At the completion of the course students could be selected to serve as a Peer Leader for UNIV 1000. (1 Credit Course). *The successful completion of the Peer Leader Training Course does not guarantee a position.*

UNIV 3020 - Peer Leadership Practicum Experience

Credit Hours 1

Variable Credit Hours 1

Prerequisite: C or better in UNIV 3010

Description: This course is designed as a practical experience for students who serve as a peer leader in the University College peer leader program.

UNIV 3030 - The Leadership Project

Credit Hours 1

Variable Credit Hours 1

Prerequisite: UNIV 3020

Description: This course is a practical application of the leadership skills learned in UNIV 3010 and UNIV 3020.

UNIV 4900 - University Studies Internship

Credit Hours 3

Variable Credit Hours 3

Description: This internship is a practical work experience in an approved organization enhancing student learning of academic concepts and theories in the student's major/concentration area. Students are required to identify potential internship opportunities which must be vetted through Career Services to ensure compliance with U. S. Department of Labor Guidelines with Internships and be approved by the instructor before registering for the course. Students must complete at least 180 hours for their internship.

NOTE: Students may only take this course during their last semester or after all hours in their concentration have been completed.

UNIV 4995 - University Studies Capstone

Credit Hours 3

Variable Credit Hours 3

Prerequisite: Open to University Studies majors within 6 hours of completion of the program.

Description: This capstone experience for University Studies focuses on an academic research paper or creative activity project that addresses the essential learning outcomes outlined by the Association of American Colleges and Universities. The course is designed to integrate the student's academic interests with a real-world challenge, supported by scholarly research.

Women's and Gender Studies

WGS 300A,B,C - Selected Topics in Women's and Gender Studies

Credit Hours

Description: Examination of a selected topic relevant to issues of women or gender, offered on a one-time basis.

WGS 2050 - Women and Culture: Introduction to Women's and Gender Studies

Credit Hours

Prerequisite: ENGL 1020

Description: An introduction to fundamental principles of women's and gender studies; the cultural construction of gender, the cultural roles, depictions and experience of women, past and present; and the impact of feminist movements nationally and internationally. Service Learning Project included.

WGS 2060 - Introduction to LGBTQ Studies

Credit Hours

Prerequisite: ENGL 1020

Description: This course explores constructions of gender, sexuality and sexual orientation and critically assesses traditions and their effects on social policy, popular culture, law and government, science and politics. Readings and research include history, social studies, activist publications, and memoir and film. Service Learning Project included.

WGS 3050 - Women in the Arts

Credit Hours

Description: An interdisciplinary, cross-cultural survey of women in the arts. Major emphasis on the visual arts and literature, with attention also to the performing arts. Topics include both the contributions and depictions of women in the arts.

WGS 3060 - Vagina Monologues

Credit Hours

Prerequisite: ENGL 1020

Description: An intensive study of Eve Ensler's script. The course examines women's sexuality, spirituality, interpersonal violence, media representations, and LGBTQ issues in national and international contexts. Students produce the play as a Service Learning Project.

WGS 3070 - Women and Film

Credit Hours 3

Prerequisite: WGS 2050 or WGS 2060 or ENGL 2070 or COMM 3950 or SOC 1010

Description: This course examines women as subjects and objects in film, and women film-makers. Emphasis will be placed on analyzing films for constructions of gender, race, ethnicity, sexual orientation, and class.

WGS 3080 - Women's and Gender Studies Practicum

Credit Hours

Prerequisite: WGS 2050 or 2060 and six (6) hours of WGS courses; and junior standing.

Description: A supervised professional and/or social justice work experience that synthesizes the student's program of study. The student is responsible for negotiating with the director of women's and gender studies for placement. The student, faculty supervisor and professional or community supervisor will develop a contract of academic and placement responsibilities.

WGS 4030 - Independent Study

Credit Hours

Prerequisite: Women's and Gender Studies Minor

Description: Students will work with instructor to design a plan of study and projects.

WGST 300A - Special Topics (Effective Spring 2022)

Credit Hours 3

Prerequisite: ENGL 1020

Description: Examination of a selected topic relevant to issues of women or gender, offered on a one-time basis.

WGST 2050 - Introduction to Women's and Gender Studies (Effective Spring 2022)

Credit Hours 3

Prerequisite: ENGL 1020

Description: An introduction to fundamental principles of women's and gender studies; the cultural construction of gender, the cultural roles, depictions and experience of women, past and present; and the impact of feminist movements nationally and internationally. Service Learning Project included.

WGST 2060 - Introduction to LGBTQ Studies (Effective Spring 2022)

Credit Hours 3

Prerequisite: ENGL 1020

Description: This course explores constructions of gender, sexuality and sexual orientation and critically assesses traditions and their effects on social policy, popular culture, law and government, science and politics. Readings and research include history, social studies, activist publications, and memoir and film. Service Learning Project included.

WGST 3070 - Women, Sexualities, and Film

Credit Hours 3

Prerequisite: WGST 2050, or WGST 2060, or ENGL 2070, or AAST 2200, or COMM 1110

Description: This course examines the constructions of women in film, as subjects, objects, and film-makers. Emphasis is placed on constructions of gender, race, ethnicity, sexual orientation, gender identity, and class.

WGST 3090 - Queer Film

Credit Hours 3

Prerequisite: WGST 2050 or WGST 2060 or ENGL 2070 or SOC 1010

Description: Analyzes the representation of LGBTQ characters in film, as well as the work of queer directors and the development of a distinctive queer film canon. Considers queer cinema's complex relationship to audience and double audiences, the reinvention of traditional cinematic genres (such as romantic comedy, melodrama, horror), and the depiction of how sexuality intersects with race and class.

Women's Studies

WS 4010 - Capstone Seminar in Women's Studies

Credit Hours

Prerequisite: WGS 2050 and three hours of WS courses

Description: Students will examine upper-division readings in feminist theory, culminating in a research project and presentation.

Other Courses

APSU MIDCO - Reserved for Middle College

Credit Hours

Credit Hours 1

Prerequisite: Junior status and BA or BFA Theatre Arts major.

Description: This course addresses the planning and procedural elements of the senior capstone through discussions of requirements, timeline, and concentration specific expectations. Students will develop their project thesis for presentation, with the plan of implementation in the following academic year.

Academic Support Services

Academic Support begins when students are admitted to APSU and continues until the goal of graduation is met.

Academic Advising

Deliberate and intentional academic advising at Austin Peay State University guides students in making responsible academic and career choices, setting goals, and developing education plans to realize those goals. Effective advising fosters critical thinking and informed decision making which supports meaningful living in a global society.

Incoming Student Advisement. Academic Advising is an element of academic support that begins at the time of initial enrollment at APSU through graduation. During new student orientation undergraduate students meet with advisors to plan a schedule for their first semester.

Regular Academic Advising. Each semester students are expected to schedule an appointment with their assigned advisor(s) for the purpose of discussing academic progress and planning a schedule for the following semester. The role of advisors is to help students clarify goals, career options, courses of study, program requirements, and educational needs, and to identify University resources that support the student success. Faculty advisors interact with their advisees to assist students in coordinating educational experiences and in assessing student progress.

Learning Resource Center

Location: Marks Building, Room 124

Phone: 931-221-6550

Web Address: <https://www.apsu.edu/lrc/>

Peer tutoring and Structured Learning Assistance are offered to currently enrolled students through the Learning Resource Center. Students may make appointments for tutoring by visiting the center in MX 124 or calling 931-221-6550 or emailing learningctr@apsu.edu.

Academic Recovery

Phone: 931-221-6555

Academic Alert is the web-based early alert system used to notify students of problems they may be having in class. Alerts are submitted by faculty members who are concerned that a student is in academic jeopardy due to issues such as poor class attendance, tardiness, lack of participation, incomplete assignments and/or poor performance on quizzes and tests. Academic Alerts are automatically sent when midterm grades are posted below a C or when students are issued an FA/FN. Students are referred to the office of Academic Recovery for consultation. Alerts are also submitted to academic advisors and APSU 1000 instructors.

Structured Learning Assistance

Structured Learning Assistance (SLA) provides support to students in challenging courses. Additionally, students who enter the university with an academic deficiency are required to enroll in *enhanced* sections of ENGL 1010, ENGL 2330, MATH 1010, MATH 1530, or MATH 1710, depending on the support they need. SLA is also available for other courses, such as BIOL 2010, MATH 1410, and PSYC 2010. Students who are enrolled in enhanced courses participate in Structured Learning Assistance workshops one or two days a week. SLA Leaders who have demonstrated academic excellence conduct the workshops.

Student Success

McReynolds, Room 118A

Phone: 931-221-6643

Web Address: <https://www.apsu.edu/student-success/index.php>

The Office for Student Success is here to help you navigate your college experience at Austin Peay State University. Our staff helps freshman and sophomore students adjust to college life, manage academic transitions, and accomplish academic goals to complete their degree program. We are committed to your holistic success inside and outside of the classroom. We currently oversee the following programs: Academic Advising (students below 45 earned credit hours), APSU 1000 First Year Seminar Course, Peer Leader program, and College Possible Success Coaches.

Career Services

Morgan University Center, Room 210

Phone: 931-221-6544

Web Address: www.apsu.edu/careers

The Office of Career Services at Austin Peay State University assists students in connecting with local, regional, and national employers. Our mission is to assist undergraduate students, graduate students, and alumni in making a successful transition from academia to the world of work by equipping them with the tools to take ownership of their professional and personal development for lifelong career satisfaction. As a part of this mission, we strive to provide access to career related services and meet students where they are in their career development needs. These services include resume, cover letter, and interview workshops; one-on-one career counseling; career assessments and interpretations; personal branding and salary negotiation practice; "What Can I Do With This Major?" major exploration, and many more. In addition, we offer Jobs4Govs which is APSU's online job portal for all things job related. Jobs4Govs offers the latest full-time and part-time job postings, as well as, internships, co-ops, and opportunities for student employment (on-campus job opportunities). For more information and resources, please visit our website at www.apsu.edu/careers or call our office at 931.221.6544. 931.221.6544 or visit our website www.apsu.edu/careers for more information.

Testing Center

Location: Marks Building, Room 121

Phone: 931-221-6269

Web Address: www.apsu.edu/testing

The Testing Center offers a variety of assessments, including ACCUPLACER, CLEP, and TEAS. Students can find more information regarding the tests offered and sign up for testing dates at our website at www.apsu.edu/testing. Students can also contact us at 931-221-6269 or testingcenter@apsu.edu.

Freshman Seminar

The Freshman Seminar exists to give you a safe place to be introduced to APSU and the campus resources that exist to help you success in your first year as an APSU student. Our goal is to introduce you to campus resources, opportunities, and experiences that allow for a smooth transition into life as an Austin Peay student and assist in navigating any challenges you may encounter.

UNIV 1000

Phone: 931-221-6429

Web address: <https://www.apsu.edu/student-success/index.php>

UNIV 1000 is an interdisciplinary course which provides students with a foundation for success. Emphasis is placed on student engagement, support services, library literacy, financial literacy, and academic planning. This course required for all first time freshman and students who enter APSU with fewer than 12 hours earned in a college/university setting after high school graduation but recommended for all new students. Students must register and remain enrolled in APSU 1000 until a grade of C is earned.

HON 1000

Phone: 931-221-7403

Web Address: <https://www.apsu.edu/honors>

An introduction to university life in its many facets, including but not confined to, critical reading skills, deep familiarity with library resources, a broad familiarity with the various departments (academic and administrative) of the university, expectations and responsibilities of university life, the history of Austin Peay State University.

PELP 1000

931-221-7403

Web Address: <https://www.apsu.edu/pelp/apply>

An introduction to university life in general and to leadership in particular. Students will work toward a definition of leadership, they will study examples of good and bad leadership, and they will work toward uncovering their particular qualities of leadership.

GO - Gobs Orientation

Admitted students are invited to campus to meet with a faculty member for academic advising and to enroll in classes. Students are introduced to University expectations, services, and campus resources <http://www.apsu.edu/welcome/>.

New Student Orientation (All Freshmen)

This program is a 2 1/2 day program beginning with Freshmen convocation which precedes the beginning of classes and begins with Freshmen convocation. All freshmen are required to participate; transfer students must participate if they enter with fewer than 12 credit hours (university level). The focus of the activities is to teach students how to use the services available to them, to complete any testing requirements, and to complete other orientation activities that are a part of UNIV 1000 . Normally the orientation will be held on Friday and Saturday before the first day of classes.

Honors and Awards

Each year, the University recognizes outstanding students at Academic Honors Day and Awards Day ceremonies and at Commencement. Some of the awards presented are listed below.

Academic Honors and Awards Ceremony

This ceremony, produced by the Honors and Awards Committee, recognizes all students holding a 3.7 GPA for undergraduates fully enrolled (12 units or more in all classes except freshman, where a minimum of 16 units are required) and a 3.85 GPA for graduate students fully enrolled (eight hours or more). The student must be fully enrolled in the previous fall term and fully enrolled per the criteria for the current spring term. The student receives a certificate/instruction letter in the mail and an invitation is sent to the student(s) family. The student is given individual recognition and an "Honor Student" pin is presented for their distinguished achievement. The Academic Honors and Awards Ceremony is a yearly program held in the month of April. The ceremony also showcases recipients of departmental awards, senior student awards and outstanding faculty awards culminating in a reception.

Drane Award

The William McClure Drane Award is conferred upon an outstanding member of the graduating class chosen by the faculty of the University on the basis of character, scholarship, leadership, and service to the University. Preference is given to a student with four years of residence in the University. Miss Myrtle Drane and Mrs. Maud Drane Buckner established the award in 1950 in memory of their father, William McClure Drane, prominent citizen of Clarksville and patron of education.

Halbert Harvill Civitan Citizenship Award

The Halbert Harvill Civitan Citizenship Award is given to the member of the graduating class selected by the faculty for having made an outstanding contribution to good citizenship during his or her college career. The award is given to the student who has made the best use of his or her abilities and has worked unselfishly for the betterment of fellow students and the school community. It is not based on popularity, athletic prowess, or scholastic achievement.

Academic Discipline Awards

Agriculture

James D. Hamilton Award is given annually by Delta Tau Alpha Agriculture Honor Society to the most outstanding freshman Agriculture major as chosen by faculty in Agriculture.

Biology

- Outstanding Biology Major Junior

- Outstanding Biology Major Senior
- Outstanding Biology Graduate Student

College of Business

The Dean's Circle Award recognizes graduating students for exemplifying professionalism and academic excellence. One undergraduate student from each major is selected based on faculty nominations and academic standing. Awards are presented at the College of Business Graduation dinner during the fall and spring terms.

Computer Science and Information Technology

Outstanding graduating seniors are chosen by the department's faculty members from all areas of Computer Science and Information Technology.

Chemistry

The George M. Rawlins, Jr. Chemistry Award is granted to the member of the graduating class who has the highest GPA among chemistry majors. The winner of the George M. Rawlins, Jr. Chemistry Award receives a certificate from the chemistry department and his or her name engraved on the Chemistry Department plaque.

Criminal Justice

Outstanding Student Awards

The Outstanding Student Awards are presented to two undergraduate students and one graduate student. These awards are chosen by the department's faculty members.

John M. Genis Service Award

The John M. Genis Service Award will be given annually to the outstanding undergraduate who exemplifies service to the department, college, university, and/or discipline as chosen by the faculty in Criminal Justice.

The Harvey Blanck Physical Chemistry Award

This award honors Dr. Harvey Blanck for his more than 30 years of service to APSU as professor of physical chemistry and thus recognizes the outstanding physical chemistry student who has completed the one-year P-chem sequence. The award is a current edition of the CRC Handbook of Chemistry and Physics.

Earth and Environmental Sciences

James McCluskey Award

This award goes to the outstanding senior in Geography. The award is based on academic excellence and is named after a distinguished Professor of Geography. The award comes with a plaque and a desk globe.

Harry Law Award

This award goes to the outstanding junior in Geography. The award is based on academic excellence and is named for the professor who started the Department of Geography at APSU in 1935. The award comes with a plaque.

Robert Sirk Award

This award goes to the outstanding sophomore in Geography. The award is based on academic excellence and is named after a well-loved Professor of Geography. The award comes with a plaque.

William Steward Award

This award goes to the outstanding senior in Geology. This award is based on academic excellence. This award is named after a professor who taught geology in the 1850's, and became president of Stewart College which was located on the grounds of APSU. The award comes with a plaque and an engraved rock hammer.

James Corgan Award

This award goes to the outstanding junior in Geology. This award is based on academic excellence and is named for the professor who started the geology program in 1972 and was a long-time chair. This award comes with a plaque.

Matthew Beebe Award

This award goes to an outstanding sophomore majoring in Geology and it is based on academic excellence as demonstrated in and outside the classroom. This award is named after a young geology faculty member in our department who lost his life to cancer. This award comes with a plaque.

Engineering Technology

The Department of Engineering Technology presents high achieving students with the following awards: Outstanding Achievement Award, Academic Achievement Award, or the Professional Achievement Award.

Health and Human Performance - Joseph S. Filippo Award

Established in 2011 by the family of Joey Filippo, a \$1000 award and commemorative plaque are presented to an outstanding HHP major, junior level or above, with a concentration in Applied Exercise Science or majoring in Kinesiology. The recipient must have a 2.75 GPA or above and demonstrate leadership, honesty and superior character.

Mathematics

The Mathematics Award is given to the graduating senior voted most outstanding by the faculty in the major field of mathematics. This award is given by the Clarksville Kiwanis Club. The Award Trophy will be awarded to the best sophomore mathematics student voted most outstanding by faculty in the department.

Military Science

The Military Science Awards are given annually to outstanding cadets in the ROTC program by various organizations at the national, state, local, and University level.

Music

The mission of the Pi Kappa Lambda Society is to provide an organization dedicated to the furtherance of music in education and education in music in colleges, universities, and other institutions of higher learning, which offer music degree programs in one or more fields. The primary objective of the Society is the recognition and encouragement of the highest level of musical achievement and academic scholarship.

The Presser Undergraduate Scholar Award is selected by the music faculty. The Award recipient should show a high level of academic and musical accomplishment and embody the qualities of leadership and citizenship. The recipient is one who has grown individually and who has contributed earnestly to the success of the school of music. This award is an honor and the recipient, in his/her senior year, is to be known as a Presser Scholar.

Nursing

The following awards are given to graduating seniors: Distinguished Senior Award by the Nursing Alumni Association, four awards by the faculty for Academic Excellence, Outstanding Senior Nursing Student, Nu Phi Student Achievement, and R.N.-B.S.N. Leadership.

Political Science

The John Burgess Award is given to the graduating senior with the highest grade point average.

Physics, Engineering, and Astronomy

Robert F. Sears Physics and Astronomy Award

Established by the family and friends of Dr. Robert Sears, longtime Chair of Physics until his death in 1999, an award and commemorative plaque are presented to an outstanding student in physics or astronomy. The recipient must closely identify with the legacy of Dr. Sears and be enthusiastically committed to the lifelong dedication to the sciences.

The Mel Mayfield Outstanding Senior Award

Established in 2008 and named in honor of Mr. Mel Mayfield, founder of the APSU Department of Physics in

1957, an award and commemorative plaque are presented to the outstanding graduating senior as chosen by the Department Faculty.

Psychological Science and Counseling

M.S. in Counseling Program Honor Award:

The M.S. in Counseling Program Honor Award is presented to a school counseling graduate student and a clinical mental health graduate student in the M.S. in Counseling Program who have demonstrated excellence in all aspects of their development as a professional counselor. The recipients of this award maintained academic excellence throughout their program, actively and enthusiastically engaging in every aspect of their development as a professional counselor, both inside and out-of-the-classroom. They exemplify a collaborative spirit through their interactions with peers and program faculty. The recipients of this award demonstrated excellence in the development of their counseling skills, and show promise to be outstanding professional counselors who will positively impact the counseling profession.

Department of Psychological Science and Counseling Diversity, Equity, and Inclusion (DEI) Award:

The Psychological Science & Counseling Department is committed to recognizing the efforts of students whose program related work demonstrates an active engagement, commitment, and/or notable achievement promoting or celebrating diversity, equity, inclusion, and social justice through the Diversity, Equity, and Inclusion (DEI) Award. The purpose of the award is to promote the values of diversity, equity, inclusion, and social justice while encouraging student activism and career aspirations in these areas.

Sociology

The W.E.B. Du Bois award is given to the graduating sociology major with the highest GPA.

Theatre and Dance

Named for Emeritus Professor of Theatre, Dr. Joe Filippo Award is given to the graduating senior with demonstrated academic achievement, proven integrity, and distinguished leadership within the Department of Theatre and Dance. Additionally, the Department of Theatre and Dance gives an Outstanding Senior award for the graduating senior with the highest GPA.

Student Organization and Leader Awards

Each year the division of Student Affairs recognizes students, student organizations, faculty and staff who have made significant contributions throughout the year both on and off campus through leadership, service and volunteerism. Awards presented include:

Mr. Governor and Madam Governor

The Student Government Association honors one graduating male and one graduating female for his and her outstanding service and achievement as an undergraduate student at Austin Peay State University.

Vice President's Excellence in Leadership Award

The Vice President's Excellence in Leadership Award recognizes a senior student who has excelled scholastically, has a distinguished record of involvement on campus, and has excelled in the area of student leadership on campus.

Fraternity Man and Sorority Woman of the Year

This award is presented to the overall social Fraternity Man & Sorority Woman student leaders who have made the most significant overall contribution to the Fraternity & Sorority community and to the University during the year and their Fraternity/Sorority career.

Student Organization of the Year

This award recognizes a registered student organization for overall efforts to contribute to the University community.

Greek Organization of the Year

This award recognizes the social Greek chapter that embodies the mission, vision and goals of APSU while advancing in the areas of chapter/campus programming, community service and philanthropic involvement, scholastic success and involvement within the campus and community at large.

Wyatt Spirit Award

Established by the APSU National Alumni Association in honor of the contributions and dedicated volunteerism of Fessey Wyatt Hackney and the late John Wyatt. This perpetual award is presented annually to the APSU student organization who exemplifies the most school spirit and participation throughout the academic year.

Greek Councils Presidents Cup

This award is given to one organization from each council with the highest chapter GPA for academic achievement.

Honor and Professional Organizations

The following organizations recognize and honor students for their academic achievements, leadership qualities, and service. Membership offers students the opportunity to associate and interact with others who have similar goals and interests. Go to <https://www.apsu.edu/socialwork/student-organizations.php> for a complete list of recognized groups and organization information.

Professional Organizations

- Alpha Kappa Psi (Business)
- American Society for Clinical Laboratory Science
- Association for Computing Machinery (ACM)
- Chi Epsilon Mu (Chemistry)
- Del Square Psi (Physics, Engineering, and Astronomy)
- Galois Math Club
- Geo Club
- History Club
- National Art Education Association
- National Association for Music Education Collegiate (NAfME)
- National Broadcast Society
- National Student Speech Language Hearing Association (NSSLHA)
- Phi Mu Alpha Sinfonia (Music – Males)
- Pi Sigma Alpha
- Pre Law Society
- Pre Professional Health Society
- Pre Vet Club
- Psychology Club
- Public Relations Student Society of America (PRSSA)
- Sigma Alpha Iota (Music – Females)
- Social Work Club
- Society for Technical Communications
- Sociology Club
- Student Nurses Association
- Student Tennessee Education Association

Honor Societies

- Alpha Lambda Delta (Freshmen)
- Alpha Psi Omega (Theatre and Dance)
- Alpha Sigma Lambda
- Beta Beta Beta
- Delta Tau Alpha
- Eta Sigma Phi
- Gamma Beta Phi (top 20% of class)
- Golden Key Honour Society
- Kappa Delta Pi (Education)
- Lambda Nu (Radiological Sciences)
- Laurel Wreath
- Omicron Delta Kappa (Leadership)
- Order of Omega (Greek Leadership)
- Phi Alpha (Social Work)
- Phi Alpha Theta (History)
- Phi Kappa Chapter - Alpha Phi Sigma (Criminal Justice Honor Society)
- Phi Kappa Phi (Interdisciplinary)
- Psi Chi (Psychology)
- Sigma Beta Delta
- Sigma Delta Pi – Pi Nu (Spanish)
- Sigma Pi Sigma (Physics and Astronomy)
- Sigma Theta Tau (Nursing)

Regulations for Residency

Regulations for Classifying Students In-State, Out-of-State for Paying College or University Fees, Tuition and for Admission Purposes

Policy/Guideline Area

Student Policies

Applicable Divisions

Community Colleges, Universities

Purpose

It is the intent that the public institutions of higher education in the State of Tennessee shall apply uniform rules, as described in these regulations and not otherwise, in determining whether students shall be classified "in-state" or "out-of-state" for fees and tuition purposes and for admission purposes.

Definition

- Public higher educational institution - shall mean a university or community college supported by appropriations made by the Legislature of this State.
- Residence - shall mean continuous physical presence and maintenance of a dwelling place within this State, provided that absence from the State for short periods of time shall not affect the establishment of a residence.
- Domicile - shall mean a person's true, fixed, and permanent home and place of habitation; it is the place where he or she intends to remain, and to which he or she expects to return when he or she leaves without intending to establish a new domicile elsewhere. Undocumented aliens cannot establish domicile in Tennessee, regardless of length of residence in Tennessee.
- Emancipated person - shall mean a person who has attained the age of eighteen years, and whose parents have entirely surrendered the right to the care, custody, and earnings of such person and who no longer are under any legal obligation to support or maintain such deemed "emancipated person."
- Parent - shall mean a person's father or mother. If there is a non-parental guardian or legal custodian of an un-emancipated person, then "parent" shall mean such guardian or legal custodian; provided, that there are not circumstances indicating that such guardianship or custodianship was created primarily for the purpose of conferring the status of an in-state student on such un-emancipated person.
- Continuous enrollment - shall mean enrollment at a public higher educational institution or institution of this State as a full-time student, as such term is defined by the governing body of said public higher educational institution or institutions, for a normal academic year or years or the appropriate portion or portions thereof since the beginning of the period for which continuous enrollment is claimed. Such person need not enroll in summer sessions or other such inter-sessions beyond the normal academic year in order that his or her enrollment be deemed continuous, notwithstanding lapses in enrollment occasioned solely by the scheduling of the commencement and/or termination of the academic years, or appropriate portion thereof, of the public higher educational institutions in which such person enrolls.

Policy

Rules for Determination of Status

1. Every person having his or her domicile in this State shall be classified "in-state" for fee and tuition purposes and for admission purposes.
2. Every person not having his or her domicile in this State shall be classified "out-of-state" for said purposes.
3. The domicile of an un-emancipated person is that of his or her parent, except as provided in section E of this rule.
4. Un-emancipated students of divorced parents shall be classified "in-state" when one parent, regardless of custodial status, is domiciled in Tennessee, except as provided in section E of this rule.
5. A student is classified "in-state" for fee and tuition purposes if the student is a citizen of the United States, has resided in Tennessee for at least one (1) year immediately prior to admission and has:
 - Graduated from a Tennessee public secondary school;
 - Graduated from a private secondary school that is located in this state; or
 - Earned a Tennessee high school equivalency diploma.
6. The spouse of a student classified as "in-state" shall also be classified as "in-state", subject to the requirements of T.C.A. Title 4, Chapter 58.

Out-of-State Students who are Not Required to Pay Out-of-State Tuition

1. An un-emancipated, currently enrolled student shall be reclassified out-of-state should his or her parent, having theretofore been domiciled in the State, remove from the State. However, such student shall not be required to pay out-of-state tuition nor be treated as an out-of-state student for admission purposes so long as his or her enrollment at a public higher educational institution or institutions shall be continuous.
2. An un-emancipated person whose parent is not domiciled in this State but is a member of the armed forces and stationed in this State or at Fort Campbell pursuant to military orders shall be classified out-of-state but shall not be required to pay out-of-state tuition. Such a person, while in continuous attendance toward the degree for which he or she is currently enrolled, shall not be required to pay out-of-state tuition if his or her parent thereafter is transferred on military orders.
3. A person whose domicile is in a county of another state lying immediately adjacent to Montgomery County, or whose place of residence is within thirty (30) miles of Austin Peay State University shall be classified out-of-state but shall not be required to pay out-of-state tuition at Austin Peay State University.
4. A person whose domicile is in Mississippi County, Arkansas, or either Dunlin County or Pemiscot County, Missouri and who is admitted to Dyersburg State Community College shall not be required to pay out-of-state tuition.
5. A person, who is not domiciled in Tennessee, but has a bona fide place of residence in a county which is adjacent to the Tennessee state line and which is also within a 30 mile radius (as determined by THEC) of a city containing a two year institution, shall be classified out-of-state, but admitted without tuition. The two year institution may admit only up to three percent (3%) of the full-time equivalent attendance of the institution without tuition. (THEC may adjust the number of the non-residents admitted pursuant to this section every three (3) years.) (See T.C.A. § 49-8-102)

- The waiver of out-of-state tuition granted to a border county student at an admitting institution will follow the student ONLY from a community college to a university if the student transfers from the community college after successfully completing an associate's degree UNLESS this condition is waived by the community college as being in the student's best interest; provided, in any case the student must complete the general education requirement at a community college.
 - Students originally admitted to a community college authorized to grant a border county waiver of out-of-state tuition are not entitled to that waiver at any other institution, except as provided in subsection.
6. Part-time students who are not domiciled in this State but who are employed full-time in the State, or who are stationed at Fort Campbell pursuant to military orders, shall be classified out-of-state but shall not be required to pay out-of-state tuition. This shall apply to part-time students who are employed in the State by more than one employer, resulting in the equivalent of full-time employment.
 7. Military personnel and their spouses stationed in the State of Tennessee who would be classified out-of-state in accordance with other provisions of these regulations will be classified out-of-state but shall not be required to pay out-of-state tuition. This provision shall not apply to military personnel and their spouses who are stationed in this State primarily for educational purposes.
 8. Dependent children who qualify and are selected to receive a scholarship because their parent is a law enforcement officer, fireman, or emergency medical service technician who was killed or totally and permanently disabled while performing duties within the scope of their employment shall not be required to pay out-of-state tuition. (T.C.A. § 49-4-704)
 9. Active-duty military personnel who begin working on a college degree at an institution while stationed in Tennessee or at Fort Campbell, Kentucky, and who are transferred or deployed prior to completing their degrees, can continue to completion of the degrees at that same institution without being required to pay out-of-state tuition, as long as he/she completes at least one (1) course for credit each twelve (12) month period after the transfer or deployment. Exceptions may be made in cases where the service member is deployed to an area of armed conflict for periods exceeding twelve (12) months.
 10. Students who participate in a study abroad program, when the course/courses in the study abroad program is/are the only course/courses for which the student is registered during that term, shall not be required to pay out-of-state tuition.
 11. Students who are awarded tuition waiver scholarships for participation in bona fide campus performance-based programs, according to established guidelines, shall not be required to pay out-of-state tuition.
 12. A veteran or other individual eligible to receive educational benefits administered by the United States Department of Veterans Affairs, through any provision of the United States Code, shall not be required to pay out-of-state tuition or any out-of-state fee when the veteran or other individual is:
 1. Enrolled in any public institution of higher education in this state;
 2. Utilizing such benefits at the enrolling institution; and
 3. Living in the state of Tennessee, regardless of the individual's formal state of residency.

TN Code §49-7-1304 (2019)

Public Law 115-251, Title III, Section 301

- Amended 38 U.S.C. 3679 (c) to require individuals using educational training under VA Veteran Readiness & Employment, Chapter 31, be charged in-state resident tuition rate beginning on or after March 1, 2019 at public institutions of higher learning.

Honors Programs

Each institution will establish policies regarding out-of-state tuition scholarships for students selected for admissions into formal honors programs at the institution.

Presumption

Unless the contrary appears from clear and convincing evidence, it shall be presumed that an emancipated person does not acquire domicile in this State while enrolled as a full-time student at any public or private higher educational institution in this State, as such status is defined by such institution.

Evidence to be Considered for Establishment of Domicile

If a person asserts that he or she has established domicile in this State he or she has the burden of proving that he or she has done so. Such a person is entitled to provide to the public higher educational institution by which he seeks to be classified or reclassified in-state, any and all evidence which he or she believes will sustain his or her burden of proof. Said institution will consider any and all evidence provided to it concerning such claim of domicile but will not treat any particular type or item of such evidence as conclusive evidence that domicile has or has not been established.

Appeal

The classification officer of each public higher educational institution shall be responsible for initially classifying students "in-state" or "out-of-state". Appropriate procedures shall be established by each such institution by which a student may appeal his or her initial classification.

Effective Date for Reclassification

If a student classified out-of-state applies for in-state classification and is subsequently so classified, his or her in-state classification shall be effective as of the date on which reclassification was sought. However, out-of-state tuition will be charged for any quarter or semester during which reclassification is sought and obtained unless application for reclassification is made to the admissions officer on or before the last day of registration of that quarter or semester.

Effective Date

These regulations supersede all regulations concerning classification of persons for fees and tuition and admission purposes previously adopted by Austin Peay State University Governing Board of Trustees that report to the Tennessee Higher Education Commission became effective April 2017.

Student Life

Student Life and Engagement

Location: Morgan University Center, Room 211

Website: <http://www.apsu.edu/student-life/>

We're all about students. Period.

As an APSU student, a majority of your time is spent OUTSIDE of the classroom. Make it count by joining one of our student organizations or clubs, taking part in a leadership opportunity or attending a special program or event.

The Office of Student Life and Engagement is the nexus of student involvement and provides information regarding student organizations, programming opportunities, leadership development, campus activities and events. Students have the opportunity to join the Govs Programming Council and provide fun events for fellow students. Students can also apply to join the Student Organization Council, the oversight body for all student organizations.

Recognizing the important role that student life plays in supporting the co-curricular mission of Austin Peay and the Division of Student Affairs, the Office of Student Life and Engagement connects academic and out-of-class experiences through programming and leadership development that establish a diverse, interactive and responsive learning community. The Office of Student Life and Engagement prepares students to be citizen leaders with an understanding of the global community and a commitment to service.

Adult, Nontraditional, and Transfer Student Center

Location: Morgan University Center, Room 112

Website: <http://www.apsu.edu/ants>

The Adult, Nontraditional and Transfer Student (ANTS) Center provides encouragement, engagement, and a convenient lounging space for degree seeking adult learners, nontraditional and transfer students. This population includes students who are unique from others because they have multiple roles they assume in addition to being a student. These may include spouse, parent, caregiver, full-time worker, distance learner, veteran, and undergraduate student over the age of 24. The center's mission is to reach out to students and engage them through relevant and educational programming. The center also aims to help our large and growing transfer population transition into student-life at APSU. Almost 30% of the university's undergraduate population are classified as transfer students. The ANTS Center aims to create programming that helps increase transfer student involvement while easing the stressors of changing institutions. Transfer students are encouraged to stop by the center at any time for assistance with getting involved or finding resources at their new university.

Further, the center is a safe space where students can share their educational journey, difficulties and triumphs. In such a space, self-efficacy grows, along with the relationships and cohort-building that add meaningful and lasting impressions of the college experience. The center includes a computer lab, kitchenette, TV, lactation space and comfortable furniture. It is in the center that adult students realize they are APSU ANTS, red and black, small but strong, and the best at using cooperation and teamwork to get the job done. The ANTS Center is open Monday- Thursday, 7:30am to 6:00pm; and Fridays until 4:30pm during the regular semester and as needed during summer, winter and spring breaks. All are welcome, for more information contact the ANTS Center at 931-221-6854 or email ANTSC@apsu.edu or visit the website at <https://www.apsu.edu/student-life/ants/>.

Wilbur N. Daniel African American Cultural Center

Location: Clement Building, Room 120

Website: <http://www.apsu.edu/aacc/index.php>

The Wilbur N. Daniel African American Cultural Center is an important University entity dedicated to providing knowledge and programming about the historic and contemporary contributions, achievements, and social perspectives of African Americans and other people of African descent. The Center's mission is intertwined with the University's goals relative to the creation of a collaborative, integrative learning community that fosters critical thinking inquiry and self-reflection necessary in a global society. The primary purpose includes aiding in the retention of all students, particularly African American students, and educating and motivating all students to be highly aware and appreciative of the diverse cultures that define the contemporary world.

Through its provision of many student-centered and student-oriented programs, events, and special services that highlight intersectionality with an emphasis on the African American culture, the Center plays a vital role in encouraging students to utilize their diverse and inclusive experiences and commit to serving their communities within the framework of their educational and social aspirations. Ultimately, the Center aims to motivate students to take their rightful place as professionals and other social leaders in American society, specifically, and in the global world.

Fraternity and Sorority Affairs

Location: Morgan University Center, Room 112

website: www.apsugreeks.com

Fraternity and Sorority Affairs is committed to working with students through their fraternity and sorority experience to build a community where students can have a positive collegiate experience. Social fraternities and sororities are active participants in University programs, activities, and special events, and are well known and respected for their many volunteer, service, and fundraising contributions to the local campus, community, and national philanthropies. A high percentage of campus student leaders are members of sororities and fraternities at Austin Peay. Membership is the result of a selection process known either as "Intake" or "Recruitment." We believe that the leadership opportunities provided through membership in a fraternity or sorority are endless and will be an outstanding part of a student's life during their time here at Austin Peay State University! Fraternity and Sorority Affairs oversees all social fraternities and sororities on campus. Individual chapters are members of representative governing bodies (Interfraternity Council, National Pan-Hellenic Council, and Panhellenic Council) that promote leadership development, excellence in scholarship, community service, philanthropy, and positive inter-Greek relationships. This office also oversees Greek Village which is home to 12-chapter townhomes. We are committed to creating a positive colligate experience that leads to a lifetime of involvement and service.

Govs Programming Council

Location: Morgan University Center, Room 211

Website: <http://www.apsu.edu/student-life/gpc/>

For the students, by the students. The Gov's Programming Council (GPC) is the major student programming organization on campus. It is made up of committees that allow students to give input into the selection of recreational, social, diversity, and educational programming. Students gain hands-on experience with the planning and implementation of campus-wide events. General membership in GPC is open to any undergraduate APSU student, while executive members must meet a GPA requirement, leadership experience, and preferably have experience with the organization as a general member. If you are

interested in joining our general board or finding out what programs we will be hosting, please visit @apsugpc on Instagram or search for the Gov's Programming Council on Peaylink.

Latino Community Resource Center

Location: Morgan University Center, Room 115

Website: www.apsu.edu/lcrc

Email: lcrc@apsu.edu

Phone: 931-221-6645

The LCRC's family-like environment is a place "Where Strangers Become Amigos, and Amigos Become Family." All students are welcome to gather, learn, share, and celebrate Latino cultures at the LCRC through our many cultural activities, scholarly lectures, and celebrations. Additionally, we host programming and provide resources centered on empowering, retaining, and aiding Latino students at APSU. Our goal is to provide a support network for the Latino community to succeed at APSU.

We invite you to visit us, partake in the many activities, and take advantage of the resources we have to offer. The LCRC family is here to support you as you pursue your educational goals at APSU!

The LCRC is centrally located on the first floor of the Morgan University Center in room 115. The space is equipped with a variety of amenities open to all students:

- A dining area to eat, study or talk with your peers.
- A lounge to relax and unwind.
- Quiet study rooms, desktop and laptop computers, graphic calculators, and a printer.
- A graduation recognition ceremony to recognize students and their loved ones.

We are open Monday through Friday from 8 am until 4:30 pm. Follow us on Facebook, Instagram, and Twitter to stay up to date with our programs and events: @apsulcrc.

Intercollegiate Athletics

Location: Dunn Center, Room 141

Website: <http://www.apsu.edu/governance/committees/athletic.php>

Austin Peay State University competes at the National Collegiate Athletic Association Division I level in the Ohio Valley Conference. The Athletic Department sponsors men's teams in football, basketball, baseball, golf, tennis, and cross country; and women's teams in volleyball, basketball, tennis, cross country, softball, golf, indoor and outdoor track, and soccer.

National Alumni Association

Website: <http://www.alumni.apsu.edu/s/1806/17/home.aspx?gid=2&pgid=61>

The National Alumni Association of Austin Peay State University is an organization designed for the purpose of promoting the welfare of the University through the development of a program of mutually beneficial relations between the alma mater and its alumni. The association was founded in 1936 and became a national association in 1990. Its membership consists of graduates, former students, and friends of the University. It is governed by a Board of Directors elected from its membership. The mission of the organization is to serve the University by providing an association for interaction among alumni, students, faculty, and

administrators; and to encourage financial support for the academic programs, student scholarships, and general development of the University, as well as provide assistance in the recruitment of new students.

The headquarters of the APSUNAA and the Alumni Relations Office is located in the Pace Alumni Center at Emerald Hill.

Newton Military Family Resource Center

Location: Newton Building, 426 College Street

Website: <https://www.apsu.edu/nmfrc/>

The Austin Peay State University William E. & Sadako S. Newton Military Family Resource Center – the state's largest military-affiliated student center – is open year-round. The 5,200 square-foot building at 426 College St., next to Johnny's Big Burger, provides the University's military-affiliated students – MAS (active-duty military, veterans, reservists, National Guard members, ROTC cadets, retirees, and military families) with a one-stop shop for most of their social, financial, and academic needs. The facility houses the Military & Veterans Affairs division senior leadership, a VetSuccess on Campus Counselor, a VetSuccess on Campus Counselor, a Military-Affiliated Career Specialist, a Military-Affiliated Student Success Professional, and a Veterans Upward Bound Academic Coordinator.

The Newton Military Family Resource Center (NMFRC) offers programs throughout the academic year to address the unique challenges our Military-Affiliated Student (MAS) population faces. NMFRC features:

- A computer lab with online access, a printer, and CAC readers
- A dining area to eat, study, or talk with your peers
- A lounge to unwind and relax
- Events include educational, informational, and family-oriented programming throughout the year
- Programs throughout the academic year that address the unique challenges facing our student population
- Student-Peer Coaching – staff provides guidance and advice on how to navigate college and transition from military to college life and beyond
- Tech for MAS loan program – graphic calculators (TI-84 Plus) are available to APSU Military Affiliated Students – MAS only free of charge on a first-come, first serve basis for the semester.
- Texts for Vets loan program – relies on student textbook donations to loan textbooks for fellow APSU students, free of charge on a first-come, first serve basis for the semester.
- Tutoring one-to-one through the Learning Resource Center, which provides services for a variety of undergraduate courses.

It is a one-stop shop, servicing APSU military-affiliated students (MAS). The Newton Center is open to all APSU students, no military affiliation required. Please come in and visit us! We are open every day that the University is open: Monday – Thursday from 8:00 am – 5:00 pm and Friday from 8:00 am – 4:30 pm.

All are welcome, for more information contact the Newton Center at 931-221-1685 or email NMFRC@apsu.edu.

Student Government Association

Location: Morgan University Center, Room 213

Website: <http://www.apsu.edu/sga>

The three branches of the Student Government Association consist of the Executive, Legislative, and Judicial bodies. The purpose of the Student Government Association is to be the voice of all students by connecting students to other students, faculty, staff, and administration in order to improve the quality of student life and strengthen the Austin Peay State University community.

The Executive Committee is comprised of the President, Vice President, Executive Secretary, and Chief Justice. The legislative power of the SGA is the Senate that consists of representation from each class and college. The Judicial branch is the Student Tribunal and serves as the highest student court. The Student Government Association is advised through the Office of Student Affairs by the Associate Vice President for Student Affairs and Dean of Students and by the Director of Student Conduct/Case Manager.

Student Organizations

Location: Morgan University Center, Room 211

Website: <http://www.apsu.edu/student-life/organizations>

Student organizations provide a valuable service to the campus community by promoting leadership development, community spirit, activism, public service, and social and cultural interaction. As a student of Austin Peay, you have the unique opportunity to participate in a wide variety of activities in more than 130 clubs and organizations. The focus of these organizations can be social, religious, political, educational, economic, or athletic in nature. APSU uses PeayLink to connect organizations to students. Each organization has a page; you can learn about what they do, how to be a member, and who to contact to get involved. Joining an organization is only a few clicks away!

The Student Organization Council (SOC) serves as a liaison between student organizations for the purpose of planning and implementing programs and events. The council is the governing body for student organizations responsible for the allocation of funding and providing information to student organizations on changes in policies or procedures.

Student Publications

Location: Morgan University Center, Room 120

Websites: <https://apsu.edu/student-pubs/>

<http://www.theallstate.org/>

The office of Student Publications and Communications collaborates with Student Affairs departments on promotional projects and communications, produces the Student Handbook and Calendar and other Student Affairs publications, and houses The All State student newspaper. Student Publications provides design, multimedia and web support for Student Affairs. Through roles with the student newspaper, the department provides a practical learning environment for students to build skills and experience and enhance lessons covered in related courses. Student staff can develop a portfolio of work samples in an array of disciplines that includes writing, design, photography, advertising, web design, and multimedia.

The All State

Student Publications houses the award-winning student-run newspaper, The All State. Since 1930, The All State has served as APSU's student-led newspaper and is a means for the expression of student opinion and medium for the dissemination of timely news relevant to the campus community. The All State has earned a vast array of awards at the state, regional, and national levels.

The All State maintains and operates a digital edition at www.theallstate.org. The All State is on Facebook, Instagram (@theallstate_apsu) and X (formerly known as Twitter) (@TheAllState). The All State is produced and managed by students with the guidance of the Coordinator of Student Publications and Communications. Scholarships may be available for student staff.

Writing, design, leadership, multimedia, photography, advertising, and editing positions on The All State are open to qualified students of any major. The department provides an area for students to gain resume-worthy experience and build practical skill sets in a unique and engaging environment. Enrolled students of any major are welcome to apply for open positions by visiting www.apsu.edu/student-pubs. For more information, call 931-221-7375 or email studentpublications@apsu.edu.

University Recreation

Foy Fitness and Recreation Center

Our mission is to provide the APSU community with opportunities to develop and enhance all aspects of wellness through quality recreational facilities, programs, and services.

The Foy Fitness and Recreation Center offers a wide array of recreational and physical fitness opportunities for the Austin Peay community. It features a fitness center, three multipurpose courts, three racquetball courts, indoor track, climbing wall, cycling studio, and two group fitness studios. In the Fall of 2019, a racquetball court was converted into a Functional Training Room. This exciting new space offers room for exercises previously unavailable such as tire flips, battle ropes, sled pushes, and suspension training. Balls, games, and various fitness equipment are all available at our equipment checkout desk at no additional cost. University Recreation also offers outdoor recreational opportunities. Outside, members are able to enjoy our swimming pool with lap lanes and ample lounging space. During summer months, we offer "Learn to Swim" programs and private swim instruction for youth and adults from instructors certified by the American Red Cross.

While University Recreation's facilities are top-of-the-line, our programs and services may be our pride and joy.

- Our Group Fitness schedule is exceptionally diverse, including dance, mind/body and general fitness classes for all abilities. Group Fitness classes are free with Foy access. For those looking for a more specialized fitness program, patrons can request sessions with one of our certified Personal Trainers. We also offer Aerial Silks, a circus art where movements are performed partially or fully suspended from aerial fabrics.
- Those who are looking to compete recreationally and/or competitively are encouraged to participate in our Intramural Sports program or perhaps competing on one of our Sport Club teams. Intramurals is a great way to stay active, on campus, while competing in a variety of sports while Sport Clubs allows for competition off-campus against other club teams from other Universities. Depending on your level of commitment, both are great options!!!
- Gobs Outdoors (GO) includes the indoor Rock Wall, a Low Ropes Challenge Course, and offers a variety of outdoor trips such as hiking, camping to kayaking and more. Gobs Outdoors aims to empower and connect people through unique and exciting experiences to grow and develop skills while having fun in the great outdoors! Housed in the front of the Foy Fitness and Recreation Center, the GO Center also provides camping equipment, canoe and other rentals for those looking to take on their own outdoor adventure.
- The Foy Pool access is included in your Foy Center membership! This includes students currently enrolled at the Clarksville campus, APSU faculty/staff, and paid members of the Foy Fitness and Recreation Center. The Foy pool also

offers several different choices when it comes to swim lessons. We offer American Red Cross Learn-to-Swim group lessons, or private/semi-private swim lessons for those wanting more individualized instruction.

- Jr. Gobs Camps offers three summer camps for children ages 5-15. Our Little Peayple Camp provides 5 weeks filled with sports, games, off campus field trips, aquatic activities, indoor rock climbing, and arts and crafts for children 5-8. Our AP Adventurers Camp provides 5 weeks filled with sports, aquatic activities, robotics, outdoor adventures, rock climbing, and local field trips for ages 9-12. Our Gobs Outdoors Teen Camp, for ages 12-15, provides 2 weeks of outdoor adventure around the Clarksville area. Each recreation-based summer camp provides programming to promote healthy lifestyles among children.
- We are proud to now offer adaptive resources at the Foy Fitness and Recreation Center, and we strongly believe everyone should be able to participate in physical and recreation activities. Along with our handicap accessible entrance, elevator and locker rooms we offer a variety of services and equipment to meet your recreation needs.

Nearly all of University Recreation's facilities, programs, and services are available to fee-paying students and full-time faculty/staff at no additional cost. Alumni and community members are also able to enjoy what we have to offer with the purchase of a reasonably-priced membership. For general information, check us out at www.apsu.edu/recreation. To register for one of our offerings, visit www.recreation.apsu.edu.

Operating hours, facility reservation/rental information, personal training details, a full group fitness schedule, dates and times for specific events and other information can be found on our website at www.apsu.edu/recreation, or call us at (931) 221-7564 for more information.

Student Right to Know

Code of Student Conduct

APSU students are citizens of the local community, state, nation, and academic community.

They are, therefore, expected to conduct themselves as such at all times. Admission to the University carries with it special privileges and imposes special responsibilities apart from those rights and duties enjoyed by non-students. In recognition of the special relationship that exists between the institution and the academic community which it seeks to serve, the Board of Trustees has authorized the president to take such action as may be necessary to maintain campus conditions and preserve the integrity and educational environment of the institution.

Pursuant to this authorization and in fulfillment of its duty to provide a secure and stimulating atmosphere in which individual and academic pursuits may flourish, the University has developed the Code of Student Conduct, APSU Policy 1:013, contained in the Student Handbook, which is intended to govern student conduct at Austin Peay State University.

In addition, students are subject to all national, state, and local laws and ordinances. If a student's violation of such laws or ordinances also adversely affects the institution's pursuit of its educational objectives, the University may enforce its own regulations regardless of any proceedings instituted by other authorities.

Conversely, violation of any section of the Code of Student Conduct may subject a student to disciplinary measures by the institution whether or not such conduct is simultaneously in violation of state, local, or national laws.

Generally, through appropriate due process procedures, institutional disciplinary measures shall be imposed for conduct which adversely affects the University's pursuit of its educational objectives, which violates or shows a disregard for the rights of other members of the academic community, or which endangers property or persons on University or University-controlled property. In addition, disciplinary action may be taken on the basis of any conduct, on or off campus, which violates University policies for student organizations or poses a substantial threat to persons or property within the University community.

When students are unable to pursue their academic work effectively, when their behavior is disruptive to the normal educational process of the University or is detrimental to themselves or others, due to drug and/or psychological disturbance, they may voluntarily withdraw, or be temporarily suspended from the University.

The University Academic and Non-Academic Grievance Policies are designed to afford students a due process opportunity for expressing their complaints. These policies are included in the Student Handbook.

University Rights

The University exercises all rights and responsibilities as are necessary and desirable for the University to achieve its purposes. Under the authority of the Austin Peay State University Board of Trustees, the University exercises the following rights:

1. To establish regulations concerning the use and abuse of University property and to assess students with penalties, both monetary and otherwise, for such abuse;
2. To withhold grades and transcripts of credit until all claims have been paid;
3. To dismiss, in the absence of specific regulations, any student, at any time, for cause deemed by the University to be in the best interest of the student's emotional or physical safety or the well-being of the University community;
4. To establish standards of dress, manners, and conduct on the campus within the range of convention and good taste;
5. To establish traffic regulations on campus, provide for registration of all vehicles using the campus, and enforce such regulations as are established. Automobile Restrictions: All cars to be parked on campus must be registered with the Office of Public Safety/Campus Police;

6. To control and regulate the housing of students on campus;
7. To establish or institute honor systems and ethical practice codes;
8. To supervise the scheduling of meetings, events, and activities of student organizations; and
9. To enter, inspect, and search for contraband, stolen articles, etc. in the room of any student in University-owned housing facilities, when probable cause is established.

This is not intended to be an exhaustive list and in no way limits the rights, responsibilities, and authority possessed by the University.

Confidentiality of Student Records

It is the policy of the Board of Trustees and Austin Peay State University to comply with the Family Educational Rights and Privacy Act (FERPA) also known as the "Buckley Amendment" and, in so doing, to protect the confidentiality of personally identifiable educational records of students and former students. The student has the right to access, to request amendment, and to file a complaint concerning his/her education records in accordance with APSU Policy 1:020. Appointments to review education records are scheduled through the Office of the Registrar at least 72 hours in advance.

If the student is indebted to the University, a copy of the education records will not be made. Except as provided by the policy, the University may disclose directory information to any person requesting it without consent of the student. Directory information includes the student's name, permanent address, telephone number, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous educational agency or institution attended by the student. The University provides each student the opportunity to refuse to allow disclosure of designated directory information through the Offices of the Registrar, Ellington Building, Room 316 and the AP Center at Fort Campbell Information Window. The student will be given this opportunity at the beginning of each academic term. The student has the right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Ave. SW, Washington, DC, 20202-4605.

Annually, students are informed of their rights through the Student Handbook. A complete copy of the policy shall be made available upon request at the Office of the Registrar (free of charge) and the University library (at a nominal per-sheet charge).

Student Right to Know Act

Statistics for campus crimes will be published on an annual basis in the timeframes required by Federal and/or State law and will be available at the Office of Public Safety or online at www.apsu.edu/police/crime. For information on the law and University policy and statistics, contact the Office of Decision Support and Institutional Research at 931-221-7331.

Drug-Free Schools and Communities Amendments Act

All currently enrolled students are required to read the University's Drug-Free Schools and Communities Amendments Act Statement. This statement outlines policy, legal sanctions (federal, state, and University), health risks, and assistance programs related to the use of alcohol and/or other drugs on the Austin Peay State University campus. The statement is in the Student Handbook.

Smoking and Clean Air

All smoking, vaping, and tobacco usage is prohibited on the APSU campus, except in designated campus parking lots (APSU Policy No. 5:002). APSU promotes an environment free from tobacco smoke in buildings and vehicles where students, faculty, and staff are working, conducting seminars, research, discussions, etc. Regardless of whether classes are in session, this policy is in effect 24 hours-a-day year-round. Those choosing to use smoke-free tobacco products may do so 30 feet from each building entrance and exit. (See Student Handbook). Smoke-free tobacco product use is prohibited in University buildings and state-owned vehicles.

University Liability

Austin Peay State University is not responsible for bodily harm and/or death to participants in any voluntary organizations or activities, including but not limited to voluntary athletics, intramural recreation, hiking, karate, judo, skydiving, or other activities in which risk is incurred. Austin Peay State University, as an agent of the state of Tennessee, is not liable for claims resulting from injury and/or death incurred in such participation. Members of the University faculty and staff may not be held liable unless personal negligence occurs. All claims against the University should be filed with the Tennessee Claims Commission. Forms for such claims may be obtained in the University Human Resources Office.

Austin Peay State University does not require that students sign assumption of risk and release of liability forms for routine educational activities that are part of their course requirements. In addition, Austin Peay State University does not require that employees sign these forms for activities that are in the scope and course of their employment. However, for activities that are voluntary, Austin Peay State University does strongly suggest that students and employees complete these forms. For more information, please visit <http://www.apsu.edu/legal-affairs/releases-waivers.php>.

Purpose of the University Bulletin

The course offerings and requirements of the institution are continually under examination and revision. This Bulletin presents the offerings and requirements in effect at the time of publication, but does not guarantee that they will not be changed or revoked. Indeed, we are sure that students desire that the University continue its efforts to strengthen and improve its programs. Changes are always made with that intent. However, adequate and reasonable notice will be given to students affected by any changes. This Bulletin is not worded in contractual terms and does not constitute a contract between the student and the institution. The institution reserves the right to make changes as required in course offerings, curricula, programs of study, academic policies, and other rules and regulations affecting students, to be effective whenever determined by the institution. These changes will govern current and formerly enrolled students, and enrollment of all students is subject to these conditions. Current information is available from the following sources:

Admission Requirements

Office of Admissions

Course Offerings

Department Offering Courses

Degree Requirements

Office of the Registrar

Fees and Tuition

Business Services Office

Austin Peay State University provides the opportunity for students to increase their knowledge by providing programs of instruction in various disciplines by faculty who, in the opinion of the University, are trained and qualified for teaching at the college level. However, the acquisition of knowledge by any student is contingent upon the student's desire to learn and his or her application of appropriate study techniques to any course or program. Thus, Austin Peay State University must necessarily limit representation of student preparedness in any field of study to that competency demonstrated at that specific point in time at which appropriate academic measurements were taken to certify course or program completion. The instruction, of course, cannot warrant that any student who completes a course or program of study will necessarily acquire skills or knowledge, or will be able to successfully pass any specific examination for course, degree, or license.

The University provides opportunities for learning and encourages learning; it is only the student who can do the learning.

Student Services

AP OneStop

Students may apply, register, pay fees, obtain grades, order student transcripts, and obtain information on admissions, financial aid, veteran services, housing, and testing by accessing AP OneStop at <http://onestop.apsu.edu/>.

Book and Supply Store

Website: www.apsubookstore.com

The APSU Book and Supply Store provides the books and materials needed as part of the educational process for students. Items available include textbooks (new and used and rental), school supplies, a wide variety of APSU gift items (sweatshirts, T-shirts, baseball caps, youth, fashion, and more), and graduation regalia. The Book and Supply Store is located in the Catherine Evans Harvill Building and can be reached at 931-221-7655.

Career Services

Location: Morgan University Center 210

The Office of Career Services at Austin Peay State University is here to equip our students and graduates with the tools and skills necessary to be successful self-advocates in the career planning and employment processes. We strive to provide students with high-quality services and resources that help them learn about and develop the most desired skills in today's workplace, including the eight (8) NACE Career Competencies. As a part of our mission, we strive to provide equitable access to career related services and to meet students where they are in their personal career development journey. Services offered include: Jobs4Gobs online career management platform, career exploration and assessment, action planning, resume/CV and cover letter reviews, personal statement writing, employer and graduate school research, job search coaching, and mock interviewing. In addition, we also offer the ability for students and alumni to connect with local, regional, and national employers through career fairs, networking events, and other programming opportunities. Call 931.221.6544 or visit our website www.apsu.edu/careers for more information.

Community Engagement and Sustainability

Website: <http://www.apsu.edu/volunteer/>

Community Engagement & Sustainability exists to support and encourage the collaboration between APSU and the needs of the community through curricular and co-curricular programming. Our vision is to provide the space and opportunity for students to develop compassion & initiate change as active citizens in their communities. Our call to action incorporates:

- Educating students on community issues and facilitating action
- Connecting students to global environmental problems & encouraging resource conservation
- Provide opportunities to support their peers facing hunger and homelessness insecurity

The office offers students the opportunity to engage both locally and internationally with community issues through volunteerism and environmental awareness. The office also supports basic needs of students through a student food pantry, emergency funds, meal swipe program to get access to help.

Little GOVS Child Learning Center

The Little GOVS Child Learning Center (CLC), a department of the Division of Student Affairs, serves children ages 2 to 5 years. Childcare is available full-time as well as part-time. The Little GOVS CLC is licensed by the Department of Human Services, holds a 3 Star Rating and is a Gold Sneaker Facility. Children of APSU students, staff, and faculty, as well as alumni and members of the community who meet the age requirements are eligible to attend. The Little GOVS Child Learning Center is located in the Sexton Building on Eighth Street, with operating hours Monday-Friday, 7:15am-5:00pm. The trained and caring staff takes pride in the Reggio inspired facility and in the developmentally appropriate curriculum with the focus on play. Call 931-221-6232 or visit www.apsu.edu/clc for more information. The center is closed during the months of June and July.

Student Counseling Services

Location: Ard Building

Website: <http://www.apsu.edu/counseling>

Student Counseling Services is located in the Ard Building at 524 College Street. Licensed professional counselors, social workers, marriage and family therapists, and psychologists provide evidence-based care to APSU students. Students are assessed a health service fee each semester that covers office visits. Each of our professional staff members has unique areas of expertise and therapeutic styles, and we pride ourselves on helping students find just the right therapist to meet their needs. In counseling you and a trained therapist work together to better understand yourself, to cope with specific issues, and/or to improve your overall well-being. Personal and group counseling sessions may address a variety of issues, including adjustment to college, depression, anxiety, relationship issues, stress management, low self-esteem, alcohol and drug abuse, grief, and sexuality.

Student Counseling Services operates out of a brief therapy model, with students being eligible for up to 12 counseling sessions per year. All currently enrolled APSU students are eligible for our services, which are confidential and free of charge. Students may call 931-221-6162 for an appointment. For additional information or to take a free self-assessment, please visit our website at www.apsu.edu/counseling.

Boyd Health Services

Location: Ard Building

Website: <https://www.apsu.edu/health-and-counseling/boyd-health-services/visitinfo.php>

Boyd Health Services is located in the Ard building. The building is at the corner of University Avenue and College Street – 524 College Street. Board certified physicians and nurse practitioners provide evidence-based health care to APSU students, staff, and faculty. Students are assessed a health service fee each semester that covers office visits. There may be additional charges for physicals, medications, supplies, procedures or laboratory tests received in-house and these are billed directly to the students' account. These charges can be paid through OneStop or at the Cashiers' Window. Staff and faculty seeking services are required to pay a small access fee. This will be billed to their account and can be paid through OneStop or at the Cashiers' Window.

Services available include visits for illness, minor injury, sexual health, family planning services, well-patient physical examinations, allergy injections, immunizations/tuberculosis testing, laboratory services and health education. Some illnesses or conditions fall outside our scope of service and occasionally we must refer patients out into the community for care. In these instances, the patient is responsible for any expenses incurred.

No medical services will be provided until a medical history is completed, signed and filed. In addition to this initial record, Boyd Health Services reserves the right to require additional examinations and/or immunizations during any time the student is enrolled at the University.

For an appointment, please go to our Patient Portal at peayhealth.apsu.edu or call the clinic at 931-221-7107.

Sickness and Accident Insurance

Students are strongly encouraged to have comprehensive health insurance during their time of enrollment at the University. Assistance in researching and selecting insurance options can be found on our website at <https://www.apsu.edu/health-and-counseling/boyd-health-services/insurance.php>.

Student Disability Resource Center

Location: University Center, Room 114

Website: www.apsu.edu/disability

A person with a disability is someone with a physical or mental impairment that substantially limits one or more major life activities. A person is considered to be a person with a disability if he/she has the disability, has a record of the disability, or is regarded as having the disability.

Accommodations are academic adjustments or auxiliary aids that provide equal access to programs and services. A few examples are print and audio materials in alternate formats, extended time or taking an exam in a minimal distraction area, recording a lecture or having a note-taker and assistive technology to read and navigate a computer.

It is the responsibility of the student to register with the Student Disability Resource Center and request accommodations. The first step is to complete an Intake Form. The form can be accessed from <http://www.apsu.edu/disability/forms>. Students are encouraged to contact the office for guidelines pertaining to the specific documentation required. The Student Disability Resource Center can be contacted at (931) 221-6230 Voice/Text or email sdrc@apsu.edu, Morgan University Center, 114.

Tuition Reduction

A Tennessee resident who is permanently and totally disabled may register in courses for credit on a space available basis and pay a maximum tuition of \$70 and all applicable fees or may audit a course if space is available at no cost (according to Tennessee law) by filing an Application for Tuition Reduction due to Student Disability Resource Center and submit proof that you are considered 100% disabled through Social Security or other appropriate state or federal agency. To request tuition reduction for disability, you must submit this documentation for each term of enrollment. Requests must be submitted prior to the last day of registration. For additional information, contact the Office of Disability Services at (931) 221-6230 Voice/Text or email sdrc@apsu.edu, Morgan University Center, 114.

Parking

Accessible parking decals are issued to qualified students/faculty/staff in lieu of any other decal. Decals are obtained from public safety/campus police upon the presentation of a license or placard issued by any state specifically to the person requesting the decal. Decals may be obtained by visiting public safety/campus police at the Shasteen Building, 133. Temporary permits are issued under the authority of public safety/campus police and entitle the bearer to the same parking privileges for short periods of time.

Accessibility Committee

The committee has the responsibility for developing policies related to the services and activities for people with disabilities on campus. In addition, the committee should monitor questions relative to procedures and access, and make recommendations directly to the president concerning these matters.

Govs ID Card

The Govs Card is the official identification card for every student, faculty, and staff member at APSU. It offers a convenient, easy, and safe way to make purchases and utilize campus services. The card can also be used as a library card, meal plan card, meal money (Gov Bucks), admittance to athletic events and other campus activities, access to residence halls and the student recreation center, and in vending machines, . Information about the Govs ID Card is available at the Morgan University Center room 207, or by calling 931-221-6617.

Public Safety - Campus Police

website: <https://www.apsu.edu/police/index.php>

The APSU Campus Police station is open and staffed 24 hours a day, and is located in the Shasteen Building behind the football stadium. Campus Police Officers patrol all institution property by automobile, electric vehicle, and by foot. The sworn officers attend the Tennessee Law Enforcement Training Academy (TLETA) and are certified/meet state standards and requirements.

The jurisdictional area extends to all facilities owned, operated, and leased by the Board of Trustees, as well as public roads and right-of-ways contiguous to that property. They are armed and empowered with the same arrest authority as city and county officers. Campus officers work closely with local and state police and emergency officials, and share a common radio network. Police officers are augmented on campus by security officers and by the Student Patrol, which assist in parking and traffic control and in security during special events, and provide a security escort service for students during evening hours. Other crime prevention programs run throughout the year, including crime prevention briefings and a program for recording and engraving serial numbers on valuable items of property. Public Safety is also responsible for coordinating homeland security efforts and APSU's Emergency Preparedness Plan. For more information, contact Campus Police at 931-221-7786. For emergencies call 9-1-1.

Traffic and Parking Regulations

Students who desire to park and/or drive vehicles on the APSU campus are required to register with the Office of Public Safety in the Shasteen Building or apply online for decal issuance. All vehicles must display a proper parking decal and must be operated in accordance with state laws and University Traffic and Parking Regulations, distributed by the Office of Public Safety.

University Center

The Morgan University Center is the center of campus life at Austin Peay. The Center is the home to the University's food service operations, featuring the cafeteria and food court. In addition, the following offices are located in the facility: Student Affairs, University Facilities, Student Life and Engagement, Disability Services, Career Services, Student Publications (The All State student newspaper), Student Government Association, Hispanic Cultural Center, and the Adult and Nontraditional Student Center. Besides the offices listed, the Morgan University Center includes a coffee shop, post office and meeting rooms. In the Morgan University Center you will find regular events and programs scheduled throughout the day, as well as a location to relax and refresh from your academic studies.

University Housing

Location: Miller Hall, Room 121

Website: www.apsu.edu/housing/

The University believes that life in campus housing provides students with an essential part of the educational experience. Living in a residence hall/apartment affords students opportunities for involvement in learning communities, campus activities, shared responsibilities and community experiences. Since the majority of students' study and involvement patterns are formed early, the University requires that all full-time single freshmen students under 21 years of age, not residing with their parents or legal guardians, must reside in University housing and participate in a University meal plan while in University housing.

The University has accommodations for approximately 1,900 students. Single students are housed in residence halls, generally two to a room, or Meacham Apartments and Hand Village, four to an apartment, under the supervision of professional and student staff.

All resident students must provide their own bed linens, towels, and other personal accessories. Students are responsible for the care and cleaning of their rooms. Laundry facilities are available in all residence halls/apartments. Internet and cable provided. All residences are smoke free.

Application for University Housing should be made online through your AP OneStop account. Housing contracts are for the full academic year (fall and spring semesters including winter break) and renewed annually. Please refer to Housing Licensing Agreement for fee adjustment policies and deadlines.

VetSuccess on Campus

Location: Newton Military Family Resource Center, 426 College St.

Website: <http://www.apsu.edu/VETsuccess>

VetSuccess On Campus at APSU is a comprehensive program offering adjustment counseling, support services, career counseling, peer to peer mentoring and tutoring, employment assistance, and guidance on the full range of VA benefits and health services. In a collaborative and cooperative effort, APSU and VA work together to develop highly innovative and targeted programs, services and activities for student veterans, military and family members to assist with their transition to college life and to maximize their opportunities for success, both educationally and occupationally.

Newton Military Family Resource Center

Location: Newton Building, 426 College Street

Website: <https://www.apsu.edu/nmfrc/>

The Austin Peay State University William E. & Sadako S. Newton Military Family Resource Center – the state's largest military-affiliated student center – is open year-round. The 5,200 square-foot building at 426 College St., next to Johnny's Big Burger, provides the University's military-affiliated students – MAS (active-duty military, veterans, reservists, National Guard members, ROTC cadets, retirees, and military families) with a one-stop shop for most of their social, financial, and academic needs. The facility houses the Military & Veterans Affairs division senior leadership, a VetSuccess on Campus Counselor, a VetSuccess on Campus Counselor, a Military-Affiliated Career Specialist, a Military-Affiliated Student Success Professional, and a Veterans Upward Bound Academic Coordinator.

The Newton Military Family Resource Center (NMFRC) offers programs throughout the academic year to address the unique challenges our Military-Affiliated Student (MAS) population faces. NMFRC features:

- A computer lab with online access, a printer, and CAC readers
- A dining area to eat, study, or talk with your peers
- A lounge to unwind and relax
- Events include educational, informational, and family-oriented programming throughout the year
- Programs throughout the academic year that address the unique challenges facing our student population
- Student-Peer Coaching – staff provides guidance and advice on how to navigate college and transition from military to college life and beyond
- Tech for MAS loan program – graphic calculators (TI-84 Plus) are available to APSU Military Affiliated Students – MAS only free of charge on a first-come, first serve basis for the semester.
- Texts for Vets loan program – relies on student textbook donations to loan textbooks for fellow APSU students, free of charge on a first-come, first serve basis for the semester.
- Tutoring one-to-one through the Learning Resource Center, which provides services for a variety of undergraduate courses.

It is a one-stop shop, servicing APSU military-affiliated students (MAS). The Newton Center is open to all APSU students, no military affiliation required. Please come in and visit us! We are open every day that the University is open: Monday – Thursday from 8:00 am – 5:00 pm and Friday from 8:00 am – 4:30 pm.

All are welcome, for more information contact the Newton Center at 931-221-1685 or email NMFRC@apsu.edu.

Study Abroad, Exchange, and International Internship Programs

Office of Study Abroad and International Exchange

Location: International White House, 325 Drane Street, 2nd Floor

Phone: 931-221-6851

Email: internationaled@apsu.edu

Website: <https://www.apsu.edu/study-abroad-exchange/study-abroad/>

Studying abroad is a once-in-a-lifetime opportunity to explore the world and gain resume-building experience while earning college credits. Participating in a study abroad program benefits students personally, academically, and professionally.

Personal Benefits:

- Gain confidence
- Acquire new and diverse friends
- Establish independence

Academic Benefits:

- Earn college credit at APSU
- Participating in summer and winter programs can potentially expedite graduation

Professional Benefits:

- Acquire job skills employers value (communication, flexibility, adaptability, cultural sensitivity)
- Build a network
- Prepare for a globalized society
- Become a more competitive applicant

APSU students can become global citizens by participating in a short-term, exchange, consortium, or internship abroad program. Financial Aid may be available for students to use to reduce the cost of studying or interning abroad.

Short-term programs last roughly one to six weeks. Courses are taught by APSU or non-APSU faculty members depending on the program. Usually, students earn 3-8 APSU credit hours in these programs.

Exchange programs last a semester or a full academic year. Students will study at a partner institution or at an institution that is sponsored by a 3rd party provider. Students will earn at least 12 APSU credit hours. Rather than traveling with a group of APSU students and faculty, you will travel independently.

Consortium programs are study abroad programs organized and shared by several institutions. If you choose to take part in a consortium program, you will travel with students and faculty from APSU and other universities, but earn APSU credit hours.

International Internships offer the opportunity to work in an international setting. These placements are typically unpaid and can last anywhere from five to nine weeks.

To learn more about APSU Study Abroad, Exchange, and International Internship options, please schedule an advising session: <https://www.apsu.edu/study-abroad-exchange/advising-sessions.php>

A list of programs can be found on our APSU Terra Dotta application site: <https://apsu-sa.terradotta.com/index.cfm?FuseAction=Programs.ListAll>

Administration and Faculty

BOARD OF TRUSTEES

Billy Atkins

Jane Semler

Katherine Cannata

Jacob E. Knight

Don Jenkins

GEN (Ret.) Gary Luck

Dr. Valencia May

Keri McInnis

BG (Ret.) Robin Mealer

Michael O'Malley

Phil Roe

TENNESSEE HIGHER EDUCATION COMMISSION

Dr. Emily House, Executive Director

Evan Cope, Chair, Murfreesboro (Middle Tennessee)

Pam Koban, Nashville (Middle Tennessee)

Jay Moser, Jefferson City (East Tennessee)

Tara Scarlett, Nashville (Middle Tennessee)

Vernon Stafford, Jr., Memphis (West Tennessee)

Whitney Allmon, Dyersburg (West Tennessee)

A C Wharton, Jr., Secretary, Memphis (West Tennessee)

Tre Hargett, Secretary of State

Jason E. Mumpower, State Comptroller

David H. Lillard, Jr., State Treasurer

Dr. Sara Heyburn Morrison, non-voting ex-officio, Executive Director, State Board of Education

Dakasha Winton, Vice Chair, Chattanooga (East Tennessee)

Jimmy Matlock, Lenoir City (East Tennessee)

Jacob E. Knight, Student Member (Austin Peay State University)

ADMINISTRATIVE OFFICES

PRESIDENT

Michael Licari, Ph.D.	President
Carol Clark, Ed.D.	Assistant Vice President for Community and Government Relations
Dannelle Whiteside, J.D.	Vice President for Legal Affairs
Gerald Harrison, M.S.	Athletic Director
Blayne Clements, B.B.A.	Chief Audit Officer
LaNeecca Williams, M.S.	Chief of Institutional Culture/Title IX Coordinator

ACADEMIC AFFAIRS

Maria Cronley, Ph.D.	Provost and Senior Vice President for Academic Affairs
Tucker Brown, Ph.D.	Senior Vice Provost and Associate Vice President for Academic Affairs
Vacant	Vice Provost for Enrollment and Student Achievement
Chad Brooks, Ph.D.	Associate Provost for Research and Dean, College of Graduate Studies
Loretta Griffy, Ed.D.	Associate VP for Academic Strategic Initiatives and Foundation Engagement
Buzz Hoon, Ph.D.	Dean, College of Arts and Letters
Mickey Hepner, Ph.D.	Dean, College of Business
Dlynn Williams, Ph.D.	Dean, College of Behavioral and Health Sciences
Prentice Chandler, Ph.D.	Dean, Martha Dickerson Eriksson College of Education
Karen Meisch, Ph.D.	Dean, College of Science, Technology, Engineering and Mathematics
Ben Drummond	Executive Director of Austin Peay Center at Fort Campbell
Vacant	Executive Director, Extended & International Education
Martina Malvasi, D.B.A.	Director, Library Services

Vacant	Registrar
Amy Corlew, M.S.	Director, Office of Admissions
Randi Robison	Director, Student Financial Aid and Veterans Affairs
Andrew Luna, Ph.D.	Executive Director, Decision Support and Institutional Research
Marissa Chandler	Director, Study Abroad and International Exchange
Amanda Wornhoff, Ed.D.	Assistant Provost - Institutional Effectiveness and Assessment
Troy Priest, M.A.	Director, Quality Enhancement Plan

FINANCE AND ADMINISTRATION

Sharooz Roohparvar, M.B.A.	Vice President for Finance and Administration
Sondra Hamilton, B.B.A.	Associate Vice President for Finance
Jacklyn Milam, C.P.A.	Executive Director, University Budgets and Financial Planning
Michael Kasitz, M.P.A.	Assistant Vice President for Public Safety
Tom Hutchins, M.B.A.	Executive Director, Physical Plant
Sherry Lawdermilt, Ph.D.	Associate Vice President, Information Technology and Chief Information Officer
Andy Kean, M.Ed.	Director, University Center Facilities and Services
Jacenda Robinson, Ed.D.	Assistant Vice President, Human Resources and Chief Human Resources Officer
Marc Brunner, M. Arch.	Director, Capital Planning, Design and Construction

External Affairs

Kris Phillips, B.S.	Assistant Vice President, University Advancement and Alumni Relations
Bill Persinger, B.F.A.	Executive Director, Public Relations and Marketing

STUDENT AFFAIRS

Leonard Clemons, Ed.D.	Vice President, Student Affairs
Michelle Martin, Ph.D.	Chief of Staff & Executive Director for Administration & Finance
Lindsey Gilmore, Ph.D.	Associate Vice President for Campus Engagement

Christopher Clarke, Ed.D.	Assistant Vice President for Community Belonging & Success
David Davenport, M.S.	Assistant Vice President for Health & Wellbeing
Ashley Kautz, M.A.	Director, Adult, Nontraditional & Transfer Student Center Interim Director Student Life & Engagement
Rashad Cockrell, M.S.	Director, Wilbur N. Daniel African American Cultural Center and Interim Director, Latino Community Resource Center
Eric Morgan, MDIV, C.P.R.W.	Director, Career Services
Claudia Alonzo, MPH	Director, Community Care & Standards
Alexandra Wills, M.Ed.	Director, Community Engagement & Sustainability
F. Joe Mills, M.S.	Executive Director, Housing, Residence Life and Dining Services
Claudia Rodriguez, M.S.	Director, Little Goves Child Learning Center
Tammy Bryant, Ed.D	Director, Strategic Assessment & Communications
Crystal Henson, Ph.D., HSP	Director, Student Counseling and Health Services
Jamie McCrary, M.S.	Director, Student Disability Resource Center
Vacant	Interim Director, University Recreation

Military & Veterans Affairs

Walt Lord	Vice President, for MVA
Jasmin Linares	Assistant Vice President for MVA
Ben Drummond	Executive Director, AP Center at Fort Campbell
Marisa Roberts	Director of Communication, Marketing and Recruitment
Elizabeth Stonerock	Director of Veterans Education Benefits
Tipnie Mack	Director of Veterans Upward Bound

FACULTY AND EMERITUS ADMINISTRATION

To see a listing for all Faculty and Emeritus Administration go to the following web page: https://www.apsu.edu/academic-affairs/faculty/faculty_directory/index.php

All addresses are: Austin Peay State University, Clarksville, TN 37044 University Home Page: www.apsu.edu.