Bulletin Home

Austin Peay State University
601 College Street
Clarksville, TN 37040

Undergraduate Bulletin
2021-2022

WWW.APSU.EDU

The 2021-2022 Undergraduate University Bulletin was prepared in the Spring of 2021. 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 APSU website 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. APMail 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 APMail email address by the University. Failure to promptly check or open email messages delivered to student's APMail 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 APMail 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 APMail email to another email provider.

While APMail 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:

American Association of Colleges for Teacher Education
American Association of Collegiate Registrars and Admissions Officers

American Association of State Colleges and Universities
Conference of Southern Graduate Schools
Consortium for Student Retention Data Exchange (CSRDE)
Council of Colleges of Arts and Sciences
Council of Graduate Schools
National Academic Advising Association (NACADA)
National Association for Campus Activities
National Association for Student Personnel Administrators
National Collegiate Athletic Association
Ohio Valley Conference
Southern Association of Collegiate Registrars and Admissions Officers
SREB Council on Collegiate Education for Nursing
Tennessee Alliance for Continuing Higher Education
Tennessee College Association
Tennessee Conference of Graduate Schools

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: Director, Affirmative Action, P. O. Box 4457, Browning Building, Room 7A, 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 Affirmative Action located at 416 College Street, telephone (931) 221-7178.

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
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
Center for Service-Learning and Community Engagement	221-6590
Child Learning Center	221-6234
Counseling Center	221-6162
Disability Services	221-6230
Voice/TDD	221-6278
Distance Education	221-7257
Education Opportunity Center	221-7481
Equal Opportunity & Affirmative Action Office	221-7178
Finance and Administration	221-7883
Financial Aid	221-7907
Foy Fitness & Recreation Center	221-7564
Graduate Studies (College of)	221-7414
Grants & Sponsored Research	221-7881
Health Services	221-7107

Help Desk (Information Technology)	221-4357
Hispanic Cultural Center	221-6645
Honors Program	221-7714
Information Desk @UC Lobby	221-6000
Library	221-7346
Military Student Center	221-1685
President's Emerging Leaders Program	221-7011
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 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 Affairs (CC)	221-7907
Veterans Affairs (FC)	221-1462
VetSuccess on Campus	221-7011
Wesley Foundation	647-6412
Toll Free	1-800-508-0056

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

APSU ACADEMIC CALENDAR
Summer 2021 – Summer 2022

SUMMER 2021 – CLARKSVILLE CAMPUS

May Session 2021 Semester: May 10 - May 28

May 2	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen May 3 at 8:00 a.m.
May 3	Application for Admission deadline
May 9	Last day to receive 100% fee adjustment
May 10	Classes begin; Last day to add a class
May 12	Last day to drop without record
May 14	Last day to receive 75% fee adjustment
May 17	Last day to drop with an automatic "W"
May 23	Last day to receive 25% fee adjustment
May 28	Last day of classes; Final exams

Summer I 2021: June 1 - July 2

May 25	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen May 26 at 8:00 a.m. Application for Admission deadline
May 31	Last day to receive 100% fee adjustment; Memorial Day - University closed
June 1	Classes begin
June 1-2	Late registration
June 2	Last day to add a class; Last day to declare audit or pass/fail grading
June 5	Last day to receive 75% fee adjustment

June 7	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen June 8 at 8:00 a.m.
June 11	Last day to apply for August 2021 graduation
June 17	Last day to drop with an automatic "W"
June 22	Last day to receive 25% fee adjustment;
July 2	Last day of classes; Final exams
July 5	Independence Day (observed) - University closed

Full Summer 2021: June 1 - August 6

Mar 22-26	Priority advising and preregistration for currently enrolled students for Summer and Fall 2021
May 25	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen May 26 at 8:00 a.m. Application for Admission deadline
May 31	Last day to receive 100% fee adjustment; Memorial Day - University closed
June 1	Classes begin
June 1-5	Late registration
June 5	Last day to add a class; Last day to declare audit or pass/fail grading
June 10	Last day to receive 75% fee adjustment
June 11	Last day to apply for August 2021 graduation
June 14	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen June 15 at 8:00 a.m.

July 2	Last day to drop with an automatic "W"
July 5	Independence Day (observed) - University closed
July 13	Last day to receive 25% fee adjustment
Aug 6	Last day of classes; Final exams; Commencement in the Dunn Center

Summer II 2021: July 6 - August 6

June 11	Last day to apply for August 2021 graduation
June 28	Application for Admission deadline
July 5	Independence Day (observed) - University closed Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen July 6 at 8:00 a.m.; Last day to receive 100% fee adjustment
July 6	Classes begin
July 6-7	Late registration
July 7	Last day to add a class; Last day to declare audit or pass/fail grading
July 10	Last day to receive 75% fee adjustment
July 12	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen July 13 at 8:00 a.m.
July 22	Last day to drop with an automatic "W"
July 27	Last day to receive 25% fee adjustment
Aug 6	Last day of classes; Final Exams; Commencement in the Dunn Center

SUMMER 2021 – FORT CAMPBELL CAMPUS

Summer III 2021: Fort Campbell: May 29 - July 22

March 22	Open registration for uniformed military personnel
April 5	Open registration for all students
May 19	Application for Admission deadline
May 24	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen May 25 at 8:00 a.m.
May 28	Last day to receive 100% fee adjustment
May 29	Classes begin
May 29 - June 2	Late registration
May 31	Memorial Day - No classes; Education Center closed
June 2	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen June 3 at 8:00 a.m.
June 7	Last day to receive 75% fee adjustment
June 11	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen June 15 at 8:00 a.m.
June 25	Last day to drop with an automatic "W"
June 30	Last day to receive 25% fee adjustment
July 5	Independence Day (observed) - Education Center closed
July 22	Last day of classes

FALL 2021 - CLARKSVILLE CAMPUS

Fall 2021 Semester - First Session (Session A): Aug. 23 – Oct. 14

Aug 4	Application for Admission deadline
Aug 15	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen August 16 at 8:00 a.m.
Aug 22	Last day to receive 100% fee adjustment
Aug 23	Classes begin
Aug 23-27	Late registration
Aug 27	Last day to add a class
Aug 29	Last day to receive 75% fee adjustment
Sep 5	14th day of processing classes; Last day to drop without record; Last day to receive 25% fee adjustment
Sep 17	Last day to drop with an automatic "W"
Oct 14	Last day of classes

Fall 2021 Semester: Second Session (Session B): Oct. 20 - Dec. 10

Oct 19	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen October 20 at 8:00 a.m.; Last day to receive 100% fee adjustment
Oct 19-20	Graduation Gala on October 19th from 2:00p.m.-5:30p.m. and October 20th from 10:00a.m.-2:00p.m.
Oct 20	Classes begin
Oct 26	Last day to receive 75% fee adjustment
Nov 2	14th day of processing classes; Last day to drop without record; Last day to receive 25% fee adjustment
Nov 11	Veterans Day - No classes
Nov 16	Last day to drop with an automatic "W"
Nov 24-28	Thanksgiving holiday - University closed

Dec 10	Last day of classes

Full Fall 2021 Semester: August 23 - December 10

Mar 22-26	Priority advising and preregistration for currently enrolled students for Fall 2021
Aug 4	Application for Admission deadline
Aug 15	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen August 16 at 8:00 a.m.
Aug 22	Last day to receive 100% fee adjustment
Aug 23	Classes begin
Aug 23-27	Late registration
Aug 27	Last day to add a class; Last day to declare audit or pass/fail grading
Sept 5	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen September 6 at 8:00 a.m.; Last day to receive 75% fee adjustment
Sept 6	Labor Day - University and Education Center closed
Sept 27	Last day to apply for December Graduation
Oct 10-16	Mid-semester
Oct 11-12	Fall Break - No classes at Clarksville Campus
Oct 14	First session (Session A) classes end
Oct 19	Last day to drop with an automatic "W"
Oct 19-20	Graduation Gala on October 19th from 2:00p.m.-5:30p.m. and October 20th from 10:00a.m.-2:00p.m.
Oct 20	Second session (Session B) classes begin

Oct 25-29	Priority advising and preregistration for currently enrolled students for Spring 2022
Nov 11	Veterans Day - No classes
Nov 24-28	Thanksgiving Holiday - No classes Nov 24-Nov 28; University and Education Center closed Nov 25-Nov 28
Dec 1	Last day of classes
Dec 2	Study day
Dec 3-9	Final Exams
Dec 10	Commencement in the Dunn Center

FALL 2021 - FORT CAMPBELL CAMPUS

Fall 1 2021 - Fort Campbell: August 21 - October 14

Mar 22	Open course registration for uniformed military personnel
Apr 5	Open registration for all students
Aug 11	Application for Admission deadline
Aug 15	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen August 16 at 8:00 a.m.
Aug 20	Last day to receive 100% fee adjustment
Aug 21	Classes begin
Aug 21-25	Late registration
Aug 25	Last day to add a class; Last day to declare audit or pass/fail grading
Aug 27	Last day to receive 75% fee adjustment

Sep 3	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen September 4 at 8:00 a.m.; Last day to receive 25% fee adjustment
Sep 6	Labor Day - Education Center closed
Sep 17	Last day to drop with an automatic "W"
Oct 1	Last day to apply for December 2021 graduation
Oct 11	Columbus Day - Education Center closed
Oct 14	Last day of classes

Fall II 2021 - Fort Campbell: October 20 - December 10

Mar 22	Open course registration for uniformed military personnel
Apr 5	Open registration for all students
Oct 11	Application for Admission Deadline
Oct 13	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen October 14 at 8:00 a.m.
Oct 19	Last day to receive 100% fee adjustment
Oct 19-20	Graduation Gala on October 19th from 2:00p.m.-5:30p.m. and October 20th from 10:00a.m.-2:00p.m.
Oct 20	Classes begin
Oct 20-24	Late registration
Oct 24	Last day to add class; Last day to declare audit or pass/fail grading
Oct 26	Last day to receive 75% fee adjustment
Nov 2	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/ or confirmed classes by 9:00 p.m., classes will be dropped; AP OneStop will be unavailable beginning 9:00 p.m. and will reopen November 3 at 8:00 a.m.; Last day to receive 25% fee adjustment

Nov 11	Veterans Day - No classes; Education Center Closed
Nov 16	Last day to drop with an automatic "W"
Nov 24-28	Thanksgiving Holiday - No classes Nov 24-Nov 28; University and Education Center closed Nov 25-Nov 28
Dec 10	Last day of classes; Commencement in the Dunn Center

SPRING 2022 - CLARKSVILLE CAMPUS

Spring 2022 Semester - First Session (Session A): January 18 - March 9

Dec 11	Application for Admission deadline
Jan 17	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen January 18 at 8:00 a.m.; Last day to receive 100% fee adjustment; Martin Luther King Holiday - University closed
Jan 18	Classes begin
Jan 18-22	Late registration
Jan 22	Last day to add a class; Last day to declare audit or pass/fail grading
Jan 31	14th day of processing classes; Last day to drop without record; Last day to receive 75% fee adjustment
Feb 11	Last day to drop with an automatic "W"
Feb 21	Last day to apply for May Graduation
Mar 6-12	Spring break - No classes
Mar 9	Last day of classes

Spring 2022 Semester - Second Session (Session B): March 16 - May 6

Mar 6-12	Spring Break - No classes
Mar 15	

	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen March 16 at 8:00 a.m.; Last day to receive 100% fee adjustment; Last day to add a class
Mar 16-17	Graduation Gala on March 16th from 2:00p.m.-5:30p.m. and March 17th from 10:00a.m.-2:00p.m.
Mar 16	Classes begin
Mar 21-25	Priority advising and preregistration for currently enrolled students for Summer and Fall 2022
Mar 23	Last day to receive 75% fee adjustment
Mar 29	14th day of processing classes; Last day to drop without record; Last day to receive 25% fee adjustment
Apr 12	Last day to drop with an automatic "W"
Apr 15	Spring Holiday - University closed
Apr 27	Last day of classes
Apr 29- May 5	Final Exams
May 6	Commencement in the Dunn Center

Full Spring 2022 Semester: January 18 - May 6

Oct 25-29	Priority advising and preregistration for currently enrolled students for Spring 2022
Dec 11	Application for Admission deadline
Jan 17	Students who have not paid fees and/or confirmed classes by 9:00p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen January 18 at 8:00 a.m.; Last day to receive 100% fee adjustment; Martin Luther King Holiday - University and Ft. Campbell Education Center closed
Jan 18	Classes begin
Jan 18-22	Late registration
Jan 22	Last day to add a class; Last day to declare audit or pass/fail grading
Jan 31	

	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen February 1 at 8:00 a.m.; Last day to receive 75% fee adjustment
Feb 14	Last day to receive 25% fee adjustment
Feb 21	Last day to apply for May graduation
Mar 6-12	Mid-semester; Spring Break - No classes
Mar 9	First session (Session A) classes end
Mar 15	Last day to drop with an automatic "W"
Mar 16-17	Graduation Gala on March 16th from 2:00p.m.-5:30p.m. and March 17th from 10:00a.m.-2:00p.m.
Mar 16	Second session (Session B) classes begin
Mar 21-25	Priority advising and preregistration for currently enrolled students for Summer and Fall 2022
Apr 15	Spring Holiday - University closed
Apr 27	Last day of classes
Apr 28	Study day
Apr 29- May 5	Final exams
May 6	Commencement in the Dunn Center

SPRING 2022 - FORT CAMPBELL CAMPUS

Winter Term - Spring 1 2022: December 11, 2021 - January 9, 2022

Dec 8	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen December 9 at 8:00 a.m.;
Dec 11	Classes begin
Dec 17	14th day of processing classes; Last day to drop without record; Last day to receive 75% fee adjustment

Dec 28	Last day to drop with an automatic "W"
Jan 9	Last day of classes

Spring I 2022 - Fort Campbell: January 15 - March 9

Oct 25	Open course registration for uniformed military personnel
Nov 8	Open registration for all students
Jan 9	Application for Admission deadline
Jan 9	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen January 10 at 8:00 a.m.
Jan 14	Last day to receive 100% fee adjustment
Jan 15	Classes begin
Jan 15-19	Late registration
Jan 17	Martin Luther King Holiday - Education Center and University closed
Jan 19	Last day to add a class; Last day to declare audit or pass/fail grading; Last day to receive 75% fee adjustment;
Jan 28	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen January 29 at 8:00 a.m.; Last day to receive 25% fee adjustment
Feb 11	Last day to drop with an automatic "W"
Feb 21	President's Day - Education Center closed
Feb 26	Last day to apply for May 2022 graduation
Mar 9	Last day of classes

Mar 16-17	Graduation Gala on March 16th from 2:00p.m.-5:30p.m. and March 17th from 10:00a.m.-2:00p.m.
May 6	Commencement in Dunn Center

Spring II 2022 - Fort Campbell: March 16 - May 6

Oct 25	Open course registration for uniformed military personnel
Nov 8	Open registration for all students
Feb 26	Last day to apply for May graduation
Mar 8	Application for Admission deadline
Mar 9	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen March 10 at 8:00 a.m.;
Mar 16-17	Graduation Gala on March 16th from 2:00p.m.-5:30p.m. and March 17th from 10:00a.m.-2:00p.m.
Mar 16	Classes begin
Mar 16-20	Late registration
Mar 20	Last day to add a class; Last day to declare audit or pass/fail grading
Mar 23	Last day to receive 75% fee adjustment
Mar 29	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen March 30 at 8:00 a.m.; Last day to receive 25% fee adjustment
Apr 12	Last day to drop with an automatic "W"
Apr 15	Spring Holiday - Education Center closed
May 6	Last day of classes; Commencement in the Dunn Center

SUMMER 2022 - CLARKSVILLE CAMPUS

May Session 2022 Semester: May 9 - May 27

May 3	Application for Admission deadline
May 8	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen May 9 at 8:00 a.m.; Last day to receive 100% fee adjustment
May 9	Classes begin; Last day to add a class
May 11	Last day to drop without record
May 13	Last day to receive 75% fee adjustment
May 16	Last day to drop with an automatic "W"
May 27	Last day of classes; Final exams
Jun 20	Last day to apply for August Commencement

Summer I 2022 - May 31 - July 1

May 25	Application for Admission deadline
May 30	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen May 31 at 8:00 a.m.; Last day to receive 100% fee adjustment
May 31	Classes begin
May 31- June 1	Late registration
June 1	Last day to add a class; Last day to declare audit or pass/fail grading
June 5	Last day to receive 75% fee adjustment
June 6	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen June 7 at 8:00 a.m.
June 9	Last day to receive 25% fee adjustment

June 16	Last day to drop with an automatic "W"
June 20	Last day to apply for August commencement
June 29	Graduation Gala, 10:00a.m.-2:00p.m.
July 1	Last day of classes; Final exams
July 4	Independence Day (observed) - University closed

Full Summer 2022: May 31 - August 5

Mar 21-25	Priority advising and preregistration for currently enrolled students for Summer and Fall 2022
May 25	Application for Admission deadline
May 30	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen June 1 at 8:00 a.m.; Last day to receive 100% fee adjustment
May 31	Classes begin
May 31- June 4	Late registration
June 4	Last day to add a class; Last day to declare audit or pass/fail grading;
June 20	Last day to apply for August 2022 graduation
June 13	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen June 15 at 8:00 a.m.
June 26	Last day to drop with an automatic "W"
June 29	Graduation Gala, 10:00a.m.-2:00p.m.
Aug 5	Last day of classes; Final exams; Commencement in the Dunn Center

Summer II 2022 - July 5 - August 5

June 20	Last day to apply for August 2022 graduation

June 28	Application for Admission deadline
June 29	Graduation Gala, 10:00a.m.-2:00p.m.
July 4	Independence Day (observed) - University closed Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen July 5 at 8:00 a.m.; Last day to receive 100% fee adjustment
July 5	Classes begin
July 5-6	Late registration
July 6	Last day to add a class; Last day to declare audit or pass/fail grading
July 10	Last day to receive 75% fee adjustment
July 11	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen July 12 at 8:00 a.m.;
July 21	Last day to to drop with an automatic "W"
Aug 5	Last day of classes; Final Exams; Commencement in the Dunn Center

SUMMER 2022 – FORT CAMPBELL CAMPUS

Summer III 2022 - Fort Campbell: May 31 - July 21

Mar 21	Open course registration for uniformed military personnel
Apr 4	Open registration for all students
May 19	Application for Admission deadline
May 31	Classes begin
May 31- June 4	Late registration
June 2	Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen June 3 at 8:00 a.m.

June 4	Last day to add a class; Last day to declare audit or pass/fail grading
June 7	Last day to receive 75% fee adjustment
June 13	14th day of processing classes; Last day to drop without record; Students who have not paid fees and/or confirmed classes by 9:00 p.m. will be dropped; AP OneStop will not be available beginning 9:00 p.m. and will reopen June 14 at 8:00 a.m.; Last day to receive 25% fee adjustment
June 27	Last day to drop with an automatic "W"
June 29	Graduation Gala, 10:00a.m.-2:00p.m.
July 5	Independence Day (observed) - Education Center closed
July 21	Last day of classes

About Austin Peay State University

APSU Today

Austin Peay State University is one of the fastest growing universities in Tennessee that offers high quality undergraduate and graduate programs to a student body of varied ethnicities, ages, and interests. As of April 2017, APSU has a governing Board of Trustees that report to the Tennessee Higher Education Commission. Its urban campus is located in Clarksville, Tennessee, the state's fifth largest city, just 50 miles from Nashville, the state capitol. Another campus is located at the military installation at Fort Campbell, KY. 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 create a collaborative, integrative learning community, instilling in students habits of critical inquiry as they gain knowledge, skills and values for life and work in a global society.

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 campus. In addition, online classes have become increasingly popular as students seek more options for scheduling classes. Therefore, both traditional and non-traditional students will find that APSU offers programs that match their interests and class scheduling that suits their lifestyle.

The mission of 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 Alisa White, the tenth president since Austin Peay opened it 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.

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. 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).

The Commission is to be contacted only if there is evidence that appears to support an institution's significant non-compliance with a requirement or standard.

In addition, the baccalaureate degrees offered in specialized programs of the University are accredited by:

- Accreditation Board of Engineering and Technology
- Joint Review Committee on Education in Radiologic Technology
- Accreditation Board of Engineering and Technology
- Accreditation Commission for Education in Nursing
- American Chemical Society (Chemistry)
- American Veterinary Medical Association Committee on Veterinary Technician Education and Activities (AVMA-CVTEA)
- Commission on Collegiate Nursing Education

- Council for Accreditation of Counseling and Related Educational Programs (CACREP)
- Council for the Accreditation of Education Preparation (undergraduate and graduate teacher education)
- Council on Social Work Education (Social Work)
- Joint Review Committee on Education in Radiologic Technology
- National Accrediting Agency for Clinical Laboratory Sciences (Medical Technology)
- National Association of Schools of Art and Design (Art)
- National Association of Schools of Music (accredited institutional member)

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.

Off-Campus Instructional Sites
Austin Peay State University offers courses at multiple locations and in multiple formats to all for ease of educational access to all who seek a higher education credential. The below listing identifies locations and services available for those locations students may earn 50% or greater of a credential.

- The Austin Peay Center at Fort Campbell
- Bibb-White Bluff Civic Center
- Cheatham Central High School
- Clarksville Academy
- Clarksville High School
- Creek Wood High School
- East Hickman County High School
- East Robertson High School
- Fairview High School
- Greenbrier High School
- Harpeth High School
- Haywood High School
- Hickman County High School
- Highland Crest
- 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. In accordance with the Harry W. Colmery Veterans Educational Assistance Act of 2017, Section 107, the additional locations are listed below.

- APSU Farm and Environmental Education Center

- Clarksville Regional Airport
- Dickson County High School
- Kenwood High School
- Northwest High School
- Pellissippi State Community College
- Springfield Middle School

Institutional Mission

Austin Peay State University is a comprehensive university committed to raising the educational attainment of the citizenry, developing programs and services that address regional needs, and providing collaborative opportunities that connect university expertise with private and public resources. Collectively, these endeavors contribute significantly to the intellectual, economic, social, physical, and cultural development of the region. APSU prepares students to be engaged and productive citizens, while recognizing that society and the marketplace require global awareness and continuous learning. This mission will be accomplished by:

- Offering undergraduate, graduate, and student support programs designed to promote critical thinking, communication skills, creativity, and leadership;
- Expanding access opportunities and services to traditional and nontraditional students, including the use of multiple delivery systems, flexible scheduling, and satellite locations;
- Promoting equal access, diversity, an appreciation of all cultures, and respect for all persons;
- Serving the military community at Fort Campbell through complete academic programs;
- Providing academic services that support student persistence to graduation;
- Fostering a positive campus environment that encourages active participation in university life; and
- Developing programs (credit and noncredit), conducting research, and providing services that contribute significantly to the quality of life, learning, and workforce development needs of the region.

The Felix G. Woodward Library

Website: library.apsu.edu/

The Felix G. Woodward Library offers a print collection of more than 330,000 volumes, 668,000 microforms, and an electronic collection that includes 300 online databases, more than 63,000 full-text periodicals, 400,000 e-books, 7,400 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 30 laptops for use within the library. Interlibrary loan is available at no charge to APSU students, faculty, and staff. Librarians provide instruction in the use of the library and its resources, and offer research assistance and consultations in-person and via 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 College of Arts and Letters, 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 pubic 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) 221-7876
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

The vision of Student Affairs is to create an individualized student-focused path for success through active engagement.

The mission of the Division of Student Affairs at Austin Peay State University is to promote student success, personal and professional development through collaborative, holistic, inclusive experiences and environments.

The Division of Student Affairs is represented in its mission by the following departments: Assessment; Career Services; Child Learning Center; Student Counseling and Health Services; Dean of Students; Student Conduct/Case Management; Disability Services; Fraternity and Sorority Affairs; Housing, Residence Life, and Dining Services; University Recreation; Student Life and Engagement; Student Publications; Center for Service Learning and Community Engagement; African American Cultural Center; Hispanic Cultural Center; Adult and Nontraditional Student Center; Military Student Center and VetSuccess on Campus. Each of these departments incorporates human and student development philosophies in their programs and services.

Admission to Austin Peay

Undergraduate Admission Policies

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, Highland Crest in Springfield, Pellissippi in Knoxville, or the Fort Campbell campus 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 www.apsu.edu/Registrar/acadcal.

Freshman Applicants

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

All freshman applicants must submit assessment scores with the application for admission.

Students under 21 years of age. ACT/SAT scores earned within 5 years of the first day of the first semester or term of enrollment are required. Scores submitted will be used in making admissions decisions; English, mathematics and reading scores will be used in determining placement in university courses. University Academic Policies. Applicants who present an ACT English score of 28 through 30 (620-680 SAT) will receive academic credit for ENGL 1010. Applicants who present an ACT English score of 31 through 36 (690-800 SAT) will receive academic credit for ENGL 1010 and ENGL 1020. Credits will be applied to the student's academic record after the completion of the first semester or term of enrollment.

Active duty military are exempt from ACT/SAT testing but will be required to take a placement assessment, if no scores are available.

Students 21 and over. Students unable to submit valid ACT/SAT scores earned within 5 years of the first day of class must take a placement assessment, if necessary. Scores submitted will be used in making admissions decisions; English, mathematics and reading scores will be used in determining placement in university courses. Placement considerations may be found in University Academic Policies.

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 academic performance in high school, assessment scores (ACT, SAT, or other) and completion of all TBR high school requirements with grades earned in those courses. By reviewing the published admissions criteria, prospective students are able to determine their likelihood of admission to the university.

Freshman Under 21 Years of Age
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 940 (Critical reading and Mathematics) prior to March 2016; or
- SAT 1020 (Evidence Based Reading and Writing and Mathematics) March 2016 and after; or
- 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; and

3. Satisfactory ACT/SAT scores in two of the three core areas: mathematics, reading, and English.
4. No remedial placement from ACT/SAT in mathematics, reading, and English.

Opportunity Admission

1. Satisfactory completion of all college prep courses including U.S. History required by TBR; and
2. One of the following:
   - High school GPA of 2.75 – 2.84; or
   - ACT cumulative score of 19; or
   - SAT 900 (Critical reading and Mathematics) prior to March 2016; or
   - SAT 980 (Evidence Based Reading and Writing and Mathematics) March 2016 and after; or
   - 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; and
3. No remedial placement from ACT/SAT in the three core areas: mathematics, reading, and English.

Freshman 21 Years of Age and Older (first day of first semester or term of enrollment)
Full Admission

1. Satisfactory completion of all college prep courses including U.S. History if graduating from high school since 1989 or 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; and
2. Satisfactory placement scores in 2 of 3 core areas – Algebra, reading, and English (writing).
3. No remedial placement from placement scores in the 3 core areas – Algebra, reading, and English (writing).

Opportunity Admission

1. Satisfactory completion of all college prep courses including U.S. History if graduating from high school since 1989 or 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; and
2. No remedial placement from placement scores in the 3 core areas – Algebra, reading, and English (writing).

Students admitted under the Opportunity Admission Criteria Enter on Academic Probation

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

1. Enroll in APSU 1000
2. Monitored absenteeism for class
3. Participate in peer tutoring
4. Achieve a 1.5 cumulative GPA during the first semester or term of enrollment. (Not doing so results in a non-appealable academic suspension.)

Freshmen with High School Deficiencies (Admission by Exception)
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 980 or higher and high school diploma; or
   High school GPA of 3.0 (4.0 scale) and high school diploma; or
   GED score of 600 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; and
3. Satisfactory ACT/SAT scores in two of the three core areas: mathematics, reading, and English.

4. No remedial placement from ACT/SAT in mathematics, reading, and English.

Alternative Standards
Any applicant who does not fulfill requirements for any other category of admission may submit an Admissions Decision Appeal Request form to be considered by the university's Committee on Admissions Standards. The form is available from the Office of Admissions (www.apsu.edu/admissions/admitted/online_forms.php).Students who are admitted by alternative standards enter APSU on academic probation.

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, the $25 application fee, and high school transcript or GED or HiSET scores. Not doing so may result in dismissal from the University.

Applicants' college grade point average must meet the following requirements:

Quality Hours Earned	Minimum Grade-Point Average
12-29	1.50
30-45	1.80
46-59	1.90
60 and above	2.00

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

Prospective students who qualify as transfer applicants must submit the following for consideration:

1. Transfer students with less than 60 hours of transferable earned credit
    a. 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.
    b. Take a placement assessment and score above remedial level, if college level math, English and history was not taken at previous institution(s).; and
    c. One of the following:
        1. Official high school transcript(s) from all previously attended secondary schools (mailed or sent electronically directly from institution(s) to the APSU Office of Admissions (Special education diplomas or high school certificates of attendance are not acceptable), or

2. 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.
3. The exception to this requirement is high school graduation or GED or HiSET testing prior to 1989.

2. Transfer with more than 60 hours of transferable credit earned
    a. 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.
    b. Take a placement assessment and score above remedial level, if college level math, English and history was not taken at previous institution(s).; and
    c. One of the following:
        1. Official **high school** transcript(s) from all previously attended secondary schools (mailed or sent electronically directly from institution(s) to the APSU Office of Admissions (Special education diplomas or high school certificates of attendance are not acceptable), or
        2. 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.
        3. The exception to this requirement is high school graduation or GED or HiSET testing prior to 1989 or six (6) hours of transferable post-secondary (college) credit in US History is earned.

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 931- 221-7280 or transfercenter@apsu.edu.

Early Admission Freshmen Applicants

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 Enrollment

(students attending APSU while still enrolled in high school)
Students are considered for dual enrollment when they expect to receive both high school and university credit for courses taken to be applied to high school graduation. Students who earn university credit that will not apply to high

school graduation apply for joint enrollment. Prospective students who wish to attend APSU while still enrolled in high school must comply with the following requirements

1. Dual Enrollment (both high school and college credit awarded for courses taken)
    a. Admission application; and
    b. Student and parent Authorization forms; and
    c. 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
    d. One of the following:
        i) ACT composite score of 21 or higher; or
        ii) SAT total score of 1060 or higher (Evidence Based Reading and Writing and Math)
    e. Recommendation of high school principal or guidance counselor; and
    f. Written parental or guardian approval; and
    g. Approval by high school of University credits received.
2. Joint Enrollment (University credit only; credits earned do not apply to high school diploma)
    a. Admission application; and
    b. Student and 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); and
    d. One of the following:
        i) ACT composite score of 21 higher; or
        ii) SAT total score of 1060 or higher (Evidence Based Reading and Writing and Math)
    e. Recommendation of high school principal or guidance counselor; and
    f. Written parental or guardian approval; and
    g. Approval by high school of University credits received.
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 of high school principal and approval of placement as a part of the student's planned Individual Education Program (IEP) as established by the high school multi-disciplinary team process; and
    f. Recommendation and approval of the Director of Admissions.

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.

If you are denied admission, you can appeal this decision by submitting the **Dual or Joint 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:

1. An additional letter of recommendation from the high school principal or guidance counselor
2. 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.

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 except for Form DD 214:

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

Uniformed personnel who apply for admissions through GoArmyEd (GAE) are allowed to register for their first term/semester of courses without submission of all necessary documents required for full admission to APSU. Course restrictions may apply. Students must complete their application file and be admitted to APSU prior to pre-registration for the next term/semester.

International Applicants

The Office of Admissions handles application procedures for undergraduate international applicants. For information call (931) 221- 7661 or write to: Austin Peay State University, Office of Admissions, Box 4548, Clarksville, TN 37044 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 write to: Austin Peay State University, College of Graduate Studies, Box 4458, Clarksville, TN 37044.

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
   If currently residing in the U.S, 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 or letter of good standing.
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.

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 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. 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.

LAST ATTENDED	REAPPLY TERM
Fall I	Fall II - Following Year
Fall	Spring I/Spring - Following Year
Fall II	Spring I/Spring - Following Year
Spring I	Spring II - Following Year
Spring	Summer/Summer III - Following Year
Spring II	Summer/Summer III - Following Year
Summer	Fall I/Fall - Following Year
Summer III	Fall I/Fall - Following Year

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 is available with Office of Admissions (http://www.apsu.edu/admissions/applicant/tennessee-eligibility-verification-entitlements-act.php).

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 stationed in Tennessee or Fort Campbell, 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 under Regulations for Residency .

Residency Classification: New, returning and currently enrolled students may appeal in writing to the residency classification officer in the Office of the Registrar on an Application for Residency form. An appeal of the decision made by the Office of Admissions or the Office of the Registrar 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: apsu.edu/healthservices

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
Phone: (319) 337-1270
Web: www.actstudent.org
APSU's Institutional ACT Code: 3944

SAT Tests
The College Board Headquarters
45 Columbus Avenue
New York, NY 10023
Phone: (212) 713-8000
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
Phone: (609) 771-7100
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: gosooner@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
Phone: (520) 202-7800 or (520) 877-7867
Fax: (305) 534-3487 or Fax: (305) 534-3487
E-mail: info@globaledu.com or translation@globaledu.com
Web: http://www.globaledu.com

World Education Services
Bowling Green Station
P.O. Box 5087
New York, NY 10274-5087
Phone: (212) 966-6311
Fax: (212) 739-6100
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.

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.

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.

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.

Students Without a Declared Major

Students who have not declared a major will be assisted in choosing an Academic Focus and appropriate core courses by student success coordinators in the Center for Teaching and Learning in Miller Hall Room 201. The student success coordinator in this area will assist incoming students in identifying a focus area of study, advising students with fewer than 60 semester hours in course selecting and identifying a major consistent with a student's educational and career goals. At the end of the advising session, the success coordinator will clear the student for registration. Students should review their OneStop advising page to confirm they have been cleared to register. A green check mark will appear next to the respective term if the student has been cleared.

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.

- 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.

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. Registration, transcript requests, and diplomas cannot be re released unless the hold is removed.

Classification of Students

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

Full-Time Load

The basic unit of all college work is the "semester credit hours." For undergraduate students, twelve (12) semester hours for Fall or Spring semester 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. Graduate students who enroll for eight (8) hours during the semester are considered full-time.

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.

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.

Unit of Credit

The University offers instruction and grants credit on the semester system, with the academic year on the Main Campus including Fall and Spring semesters, and Summer term. One semester hour of credit is equivalent to 1.5 quarter hours credit. One quarter hour of credit is equivalent to two-thirds of a semester hour credit.

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. This includes registrations at all colleges and universities and 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.

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.

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).

APSU 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 APSU 1000 during the

first semester of enrollment. Conditionally admitted students must enroll in designated sections. Student must register and remain enrolled in APSU 1000 until a grade of C is earned.

Enhanced Courses with SLA Requirement

website: www.apsu.edu/asc/index.php

Students whose ACT, SAT, or placement assessment mathematics, reading, or English scores do not meet the requirements of the Board of Trustees for university-level courses must enroll in an enhanced section of the appropriate core course. Structured Learning Assistance is a required part of every enhanced course. Assessment scores that place students in enhanced mathematics are: ACT 13-18; SAT 280-450. Assessment scores that place students in enhanced English are: ACT 13-17; SAT 340-440. Assessment scores that place students in enhanced history (reading) are ACT 13-18; SAT 360-450.

Academic Standards and Regulations

Students are responsible for participating in academic advisement and for adhering to the schedule of courses for which they register unless they officially make changes. Students may drop and add courses using AP OneStop and can withdraw from the University by withdrawing online through AP OneStop or submitting required forms to the Office of the Registrar within the time limits established in the Official University Calendar, which is available at www.apsu.edu/registrar.

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. 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.

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:

*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.

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.

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 and WF Grades for Undergraduates
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 two years of the original IP assignment. The degree cannot be awarded with an In-Progress grade on the student's records. The grade of "WF" will be utilized when a student withdraws from a course during the "W/F" and automatic "F" periods. During the "W/F" period, a student who has been determined, by the instructor, to be failing at the time of withdrawal, will be awarded a "WF" grade. A student withdrawing during the automatic "F" period will automatically be awarded a grade of "WF." The "WF" will be calculated in a student's GPA in the same manner that a grade of "F" is calculated.

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. No grade changes will be made for one calendar year after the grade was assigned without the approval of the college dean and Provost.

Grade Appeal
Students may appeal final course grades entered in the fall semester no later than 30 calendar days after the start of the spring semester. Students may appeal final course grades entered in the spring, maymester, and summer semesters no later than 30 calendar days after the start of the fall semester. If the deadline date falls on a weekend or holiday, then the deadline shall be the next business day. 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.

For purposes of this policy, courses held in Fort Campbell Spring I and Spring II are considered spring semester courses, Summer III courses are considered Summer semester courses, and Fall I and Fall II courses are considered Fall semester courses.

Access to Grades
Students may obtain their mid-term and final grades through AP OneStop for students (http://onestop.apsu.edu). Students with financial holds will be unable to access grades until the financial obligation is satisfied.

Dropping Courses, Grades Awarded, Withdrawals

After a student has officially registered for a class, the student is considered to be a member of the class unless the student officially drops the class, officially withdraws from the University, is canceled by administrative authority, or is permanently excluded by the Student Academic Grievance Committee. All financial obligations are retained when the student discontinues class attendance without officially dropping or withdrawing from the University.

Grades Awarded for Dropped Courses
The grade awarded for a dropped course or for courses from which the student withdrew depends on the date the student withdrew from the course or from the University. The dates for awarding grades appear in the Official University Calendar.

1. A grade of "W" is awarded when the student drops or withdraws within the time period the University has established for awarding an automatic "W." The grade has no impact on the student's cumulative GPA.
2. A grade of "F", "WFA", "WFN" or "W" will be awarded if the student drops or withdraws between the automatic "W" date and the automatic "F" date. A grade of "W" will only be awarded if the instructor determines the student is passing at the time of withdrawal.
3. A grade which the course resides of "F" or "WFA" or "WFN" is awarded during the mandatory "F" period. Very limited exceptions are made and require the student to present to the Dean of the College, in which the

course resides, acceptable reasons establishing the existence of extenuating circumstances. The dean's decision is communicated to the instructor.

Withdrawal from the University

Official withdrawal requires all courses to be dropped by withdrawing online through AP OneStop at onestop.apsu.edu. Active duty soldiers using GoArmyEd are not permitted to withdraw online. Active duty soldiers who registered through the GoArmyEd portal must withdraw from classes through the GoArmyEd portal. Any fee adjustment of tuition and fees will be based on the published schedule for fee adjustments included in the Official University Calendar and the date the completed withdrawal form is submitted to the Office of the Registrar. Withdrawal from the University may require repayment of financial aid, loss of lottery scholarship eligibility and loss of VA benefits. Students receiving financial aid should meet with the financial aid counselor prior to withdrawal.

Placement Assessment

Students who require the placement assessment in order to be considered for admission to the University include:

1. Prospective students 21 and older who are applying to APSU and cannot provide valid ACT/SAT scores
2. International students without valid ACT/SAT scores
3. Transfer students 21 and older who have earned fewer than 12 hours of transferable college credit from a regionally accredited college or university and cannot provide valid ACT/SAT scores
4. Transfer students with 12 or more hours who are unable to document transferable college-level English, history and mathematics courses from a regionally accredited college or university

The placement assessment is used for academic placement. Students whose scores fall below the level of college ready* are required to enroll in enhanced sections of core courses. Deficiencies in reading and writing (English) must be removed during the student's entering semester or term. A mathematics deficiency must be addressed within the first 30 hours of enrollment.

The placement assessment is offered in the Testing Center, Ellington 207, and at APSU @ Fort Campbell. An appointment with the APSU Testing Center is required. Students may schedule an appointment by calling 931-221-6269 or go to the website at www.apsu.edu/testing.

*appropriate learning support required if initial assessment scores fall below:

Transferability of Credit

Austin Peay accepts credits from other regionally 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:

1. 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. As of Summer 2015, all new or returning students who attended another institution while absent from APSU, transfer work GPA will not be included in the APSU academic record.
2. 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, and 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.
3. Courses earned with grade of "I" will transfer to APSU as a grade of "F."

4. 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 Fort Campbell, Community Colleges or Hopkinsville Community College do not fulfill the General Education core requirements for the baccalaureate degree.
5. 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 have not been met.
6. 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.
7. 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.
8. APSU grants credit for courses completed only from institutions that are accredited by the appropriate regional accrediting association for colleges and universities.
9. 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.
10. 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.
11. 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.

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.

Credit by Examination

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

Life/Work Portfolio Experiential Learning Credit

Options at the Undergraduate Level

Austin Peay State University offers a variety of assessment tools for the evaluation of college-level knowledge gained through work and life experience. A student may earn a maximum of 15 semester hours at the undergraduate level through experiential learning credit. APSU prescribed allocations for experiential credit fall within the established Southern Association of Colleges and Schools Commission on Colleges parameters for experiential credit. Experiential learning credits may be earned in Communication and Theatre, Professional Studies, Health and Human Performance, Medical Technology and Computer Science, Criminal Justice and Information Technology.

Students earning experiential credit must meet the minimum residency requirements of 25 percent of the total number of credits required for an undergraduate degree at Austin Peay State University. The privilege of seeking experiential learning credit is available to both full-time and part-time degree status students. A student should meet with his or her program advisor at the beginning of the academic career at Austin Peay State University to determine how experiential learning may be applicable to the degree.

Portfolio Development

Upon approval by the appropriate chair a student may develop a portfolio for a course or courses offered by Austin Peay State University to gain college-level credit. Portfolios are submitted to the faculty advisor and/or the department chair(s) of the appropriate department(s). The process ideally includes a preliminary study of the portfolio, an interview with the student, and the determination of credit to be awarded by the faculty assessor. A student seeking experiential credit via a life/work portfolio must complete an APSU non-credit portfolio development course through Continuing Education.

Students must choose CLEP, departmental challenge exams or other approved mechanisms to receive credit for prior knowledge when available in lieu of seeking credit via portfolio. Experiential learning credits awarded will be treated in the same way as transfer credits; a "P" (Pass) will be assigned and will not count in the grade point average. For additional information about various options for earning experiential learning credit, contact Continuing Education at (931) 221-7816.

Candidates for portfolio credit are:

1. Returning students with significant work experience
2. Employed at least 5-7 years in a particular field, with increasing responsibilities
3. Highly organized – effective speakers and writers
4. Highly motivated – will work independently to complete a project
5. Able to reflect on work and training

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.

International Baccalaureate Program Subject	IB Score	Recommended APSU Credit APSU Equivalent
American History	5+	Elective
Biology (higher level)	5+	BIOL 1010/1011 & BIOL 1020/1021
Chemistry (higher level)	5+	CHEM 1110/1111 & CHEM 1120/1121
English (A1 exam)	5	ENGL 1010
English (A1 exam)	6+	ENGL 1010 & ENGL 1020
English (A2 and B exam)	n/a	
French (higher level)	4+	FREN 2010 & FREN 2020

German (elementary level)	4+	GERM 1010 & GERM 1020
German (higher level)	4+	GERM 2010 & GERM 2020
Spanish (higher level)	4+	SPAN 2010 & SPAN 2020
Mathematics (higher level)		MATH 1910
Philosophy (higher level)	4+	Elective
Physics (higher level)	5	PHYS 2010/2011
Physics (higher level)	6+	PHYS 2010 /2011 and PHYS 2020/ 2021

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.

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.

Non-Traditional Credits
Students may be able to receive college credit for other experiences and examinations. A complete list of examinations and experiences and the courses for which the student may receive credit may be found at www.apsu.edu/registrar/transfer/non-traditional-college-credits.php

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.

Academic Status

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 the Registrar 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:

1.5 for 0-29 hours attempted
1.8 for 30-45 hours attempted
1.9 for 46-59 hours attempted
2.0 for 60 and above hours attempted

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 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 he/she 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 the Office of Student Success at 931-221-7633 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 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 of the Registrar 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 he/she 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.

Conditionally admitted students enter on probation and will be subject to suspension after the first semester if their semester GPA is less than 1.50 and are not allowed to appeal.

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.

Academic Forgiveness Policies

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 earned a college degree.

D. CARE criteria:

a. Once the student has satisfied the above requirements, the institution may grant CARE. The student may be granted CARE only once.

b. The student's permanent record will remain a record of all work; however, up to 18 credit hours taken which earned grades 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.

(1) Retained grades will be calculated in the CARE QPA/GPA.
(2) Courses with D or F grades must be repeated at the institution when they are required in the student's current major.
(3) 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.
(4) Previously satisfied assessment requirements will not be forfeited.

c. Upon degree admission, CARE applicants who did not satisfy assessment requirements at the time of previous enrollment and whose academic plan includes completion of a college-level English or mathematics course must meet current assessment requirements regarding enrollment in college English and mathematics courses.

d. The student's transcript will note that CARE was applied and the date on which it was applied.

e. By applying for CARE, the student signifies understanding that institutions other than APSU may not accept the QPA as it is calculated with CARE.

E. 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.

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.
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 college degree.
4. Academic Fresh Start criteria:
    a. Student Requirements
        1. Separation from all collegiate institutions for at least four (4) years.
        2. Anytime after the readmission or admission as a degree-seeking student, file a formal application to the dean of the college of the student's major requesting the Academic Fresh Start and describing an academic plan.
    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 remain a record of all work; however,courses taken and previously failed will be excluded from the calculation of the QPA/GPA. Courses with a D grade will also be excluded from the calculation when a grade of C or better is required in the student's current major. 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. Upon degree admission, Fresh Start applicants who did not satisfy assessment placement requirements at the time of previous enrollment and whose academic plan includes completion of a college-level English or mathematics course must meet current requirements regarding enrollment in college English and mathematics courses.
        4. The student's transcript will note that the Fresh Start was made and the date of the Fresh Start.
        5. The student will apply for the Fresh Start with the understanding that all Board of Trustees institutions will honor a Fresh Start provision granted at another Board of Trustees institution. The student should also signify understanding that non-Board of Trustees institutions may not accept the QPA as it is calculated with the Fresh Start.
        6. 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.

Drop and Withdrawal Standards

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

1. A student may drop or add a course by obtaining the approval of the appropriate administrators.
2. The last date for students to add or drop a course without a penalty is to be clearly indicated and expressed in the catalogue or bulletin of each institution.

3. At the discretion of the institution, courses that are dropped within the add-drop period may be or may not be indicated on the student's transcript.
4. After the last day to add or drop a class without a penalty, and not later than two-thirds into the semester, a student may officially drop a course(s) or withdraw from the institution and receive a "W" or other appropriate symbol/grade.
5. In general, such symbol/grade counts as no hours attempted.

   Universities
   a. In such cases, it is the responsibility of the appropriate university administrators or faculty to determine the grade the student is to receive, which could be a "W" or "F".
   b. After two-thirds of the semester is complete, a student may drop a course(s) or withdraw from the institution without a mandatory grade of "F" only after having established the existence of unavoidable circumstances.
6. Students who desire to drop a course (s) or withdraw from the institution before the end of a semester do so online through AP OneStop.
7. If for any reason a student does not officially drop a course(s) or withdraw from the institution; the student will receive an "F" for each course(s) involved.

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 Online Forms at www.apsu.edu/registrar, and may only be granted by the Provost and Vice President for Academic Affairs or designee.

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.

Dean's List

Clarksville Campus
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 clarksville campus student must earn at least 12 credit hours (university-level courses only) with a minimum semester/term GPA of 3.50. Courses taken on the Pass-Fail grading system and Remedial Studies will not be included in hours earned for purposes of the Dean's List.

APSU Center @Fort Campbell
At the end of each term a list of honor students, known as the Dean's List is published. Students attending the Fort Campbell campus qualify for this distinction using two methods: at least 12 hours in one term (university-level courses only) with a minimum term GPA 3.50; or a combination of at least 12 credit (university-level courses only), in consecutive Fall I and Fall II or Spring I and Spring II terms.

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:

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

Tuition and Fees

Student Account Services Contact Information

Ellington Building - Rooms 101-108
931-221-6285 phone
931-221-6171 fax
SAS@apsu.edu
P.O. Box 4444
Clarksville, TN 37044

Registration Fees for 2020-2021 Fiscal Year

All fees are subject to change per Board of Trustees policy.

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. We accept Visa, MasterCard, American Express, Discover, checks, cash, and money orders drawn on U. S. banks and payable in U. S. dollars. These payments 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.

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 $280 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 $4,151.50. Additional hours above 12 hours are $54 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 2020-2021 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.

Students taking classes through the TN eCampus Degree program pay

- Registration and Maintenance Fees per credit hour (no maximum) $280
- Online course fee per credit hour (no maximum) $112

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	$79.15 per credit hour; $791.50 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
Regents Online Degree Program Registration and Maintenance Fee	$280.00 per credit hour
Regents Online Degree Course Fee per credit hour	$112.00
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 2017-2018 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

Application Fee (include with application - nonrefundable)	$25.00
Applied Music—Individual: half hour per week	$150.00
Applied Music - one hour or more per week	$300.00
Audit Fees	cross listed with regular fees
Art & Design Fee (per credit hour)	$30.00
Aviation Flight Kit (one-time only)	$300
(no charge to Tennessee residents at least 60 years of age and/or permanently, totally disabled)	
Business Course Fee for all College of Business courses (per credit hour)	$40.00
Computer Science & Information Technology/Engineering Technology Fee per credit hour	$5.00
Culinary Arts	$60.00
Education Course Fee (per credit hour)	$25.00
Full Spectrum Learning (per semester)	$3,500.00
Graduate Counseling Fee per credit hour	$25.00
Graduate Executive Education Diff Fee (per credit hour)	$627.00
Additional Fees (after original Application for Graduation):	

Cancellation Fee (student must reapply for Graduation)	$10.00
Duplicate Diploma	$10.00
Installment Plan Fee (per semester)	$50.00
Installment Payment Plan Late Fee ($75 max per term)	$25.00
Identification Card (required of all students enrolled for Clarksville Campus classes)	No Charge
Identification Card Replacement	$20.00
Late Registration (nonrefundable)	$50.00
Motor Vehicle Registration	included in Program Service Fee
Nursing Bookstore ATI Charge (per semester)	$612.50
Nursing Differential Maintenance Fee (per credit)	
BSN	$40.00
MSN	$100.00
PASS Program Fee (per course)	$120.00
Proficiency Examination (per credit hour)	$15.00
PsyD Course Fee (per credit hour)	$30.00
Returned Check Service Charge	$30.00
Science Consumables Fee (per lab)	$33.00
Structured Learning Fee (per course)	$75.00
Rotor-Wing - one hour ground instruction	$55.00
Rotor-Wing - one hour flight time and instruction (Guimbal Cabri G2)	$395.00
Rotor-Wing - one hour flight time and instruction (R44 helicopter)	$661.00
Scuba Fee (per course)	$250.00
Textbooks (estimation per semester)	$800.00
Official Transcripts (limited number)	No Charge
(transcripts issued only upon written request by the student)	

Fax Transcripts (per page, including cover sheet)	$1.00

Other fee requirements are based on the student's major.

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 Student Financial Aid and Veterans Affairs at (931) 221-7907 or visit www.apsu.edu/veterans-affairs for more information and verification procedures.
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.

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 & Veterans Education Benefits

SFA & VEB Contact Information

Office of Student Financial Aid
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

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

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 and Veterans Affairs, 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.fafsa.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, 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

The Department of Education places an important emphasis on federal financial aid rules that may impact the amount of aid students receive. This is referred to as Course Program of Study (CPoS). This may result in the reduction of a student's scholarships, loans and grants.

Specifically, for federal aid to pay for courses in a student's major, minor, or other degree requirements, it must be part of their program of study or be necessary to earn the total hours required for the degree. Taking courses not a part of the program of study could result in receiving less federal financial aid and potentially having to pay for courses out-of-pocket.

A student's cost of attendance (budget) is based on coursework that applies to their program of study. Although state and institutional aid may not be based upon a student being registered in required courses, these programs may still be affected if there is insufficient room in the student's budget for a full award.

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, number of hours enrolled and 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 $3,752.00 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 www.fafsa.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.fafsa.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.fafsa.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.fafsa.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 & VA.

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.fafsa.gov as soon as possible each year they plan to attend.

Tennessee Hope Scholarship
$3,500 per year renewable for freshman and sophomores. $4,500 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 25 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/.

Tennessee Hope Access Grant
$2,500 non-renewable scholarship for students who do not meet the eligibility requirements for the Tennessee Hope Scholarship. Applicants must have a 2.75 unweighted overall and college core GPA with all required college core courses and a composite score of 18 on the ACT (860 SAT) whose parents earn an adjusted gross income of $36,000 or less. Students receiving this grant may qualify for the Tennessee Hope Scholarship in their second year.

For renewal criteria visit www.tn.gov/collegepays or www.apsu.edu/financialaid/

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. 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 & Veterans Affairs

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 maintain 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 & Veterans Affairs for job placement and may not start work until approval has been received via AP e-mail from the Human Resources office.

General Campus Work
Some University departments have funds to employ students. Positions are advertised online at www.apsu.edu/scholarships/scholarship-opportunities/scholarship-opportunities.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 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. For students enrolled at the Fort Campbell Center, awards will be disbursed to coincide with the four fall and spring terms. 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 & Veterans Affairs. 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 form located at the Office of the Registrar. See policy on returns and fee adjustments of financial aid in Fee Adjustments.

Other Financial Services

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 Affairs Education Benefits & Programs

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 has two locations: Room 202, Ellington Building for Clarksville Campus; and SSG Glenn H. English, Jr., Army Education Center, Bldg. 202, Room 140 for APSU Center @ Fort Campbell. 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 registered trademark with the U.S. Patent and Trademark Office and VA is the sole owner of the trademark.)

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 VA Form 28-1905, 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.

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.

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.

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. Non-degree seeking students do not qualify for VA education 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 does not constitute an application for admission to the University.

For further information, contact the APSU VEBO or visit our website at www.apsu.edu/veterans-affairs.

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.

Federal Tuition Assistance, ROTC and VA Education Benefits

Students utilizing Federal Tuition Assistance (TA) will not be able to utilize the Montgomery GI Bill-Selected Reserve (MGIB-SR, Chapter 1606) VA education benefits for the same courses. Due to changes by the Department of Defense, the VA will not allow schools to submit enrollment certifications for the same courses in which TA is paying. In order to process an enrollment certification, the APSU Veterans Affairs must verify that TA is not paying

for the same courses. You will need to submit a copy of the TA breakdown from the Department of Defense portal to our office. The TA breakdown will show which courses have been covered by TA and which courses have not.

The Department of Defense will not authorize TA for any course for which you receive financial assistance in whole or in part from any other DoD service-funded programs (ROTC, education-related incentive or bonus, and advanced civil schooling) which might constitute a duplication of benefits. The Department of Defense also has the authority to suspend eligibility under the Montgomery GI Bill-Selected Reserve (MGIB-SR, Chapter 1606) in which you receive financial assistance under ROTC.

For TA Top Up under MGIB-AD (Chapter 30) and Post 9/11 GI Bill (Chapter 33), you will need to submit a copy of the TA breakdown from the Department of Defense portal to APSU's VA Office. You will also complete the Certification Request for the term you are requesting TA Top Up. If you have not used TA Top Up or VA benefits at APSU, then you will need to contact our office for additional information.

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.

Prior Credit Evaluation

An enrollment certification submitted for a VA education benefit recipient initially enrolling at APSU, or initiating a program of study different from that previously pursued, must reflect the amount of credit allowed for previous education, training or experience, including military training and experience. This is called "prior credit," and is that credit which, when applied to the program of study, shortens the program accordingly. The process by which this prior credit is determined is as follows: When a student initially enrolls, all documents required for matriculation must be received by the Office of Admissions. Following receipt, these documents are evaluated by the Office of the Registrar for transfer credit—that is, the credit from other institutions of higher education, military, etc. which are accepted by APSU as college level transfer credit. Students receive a copy of this evaluation after or upon completion of the transfer credit evaluation in AP OneStop (https://onestop.apsu.edu). This completed transfer credit evaluation must be applied to the individual program of study to shorten that program, and the result is prior credit. This prior credit must be reported to VA on the enrollment certification prior to the end of the second term of enrollment of receiving VA education benefits. Once prior credit is evaluated, it is not required again unless the program of study changes; then prior credit must be reevaluated in application to the new program. Second degree students will need to submit their prior credit evaluation by the end of the first term of enrollment. For graduate students, a copy of the approved graduate program of study must be submitted prior to completion of 12 credit hours or within the second term of enrollment, whichever transpires first.

***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.

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 Vocational Rehabilitation 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.

Satisfactory Progress

The VEBO must report the student's unsatisfactory progress (academic probation and 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. Students placed on academic probation must bring their GPA above the probationary level during the following term for which probation was awarded, or VA education benefits may be terminated. 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.

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 payment at APSU **MUST** see the appropriate VEBO prior to registering/enrolling at the other institution, or VA education 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).

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 education 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.

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

University-Wide Degree Requirements

- 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
- *TN eCampus Consortial Courses

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. 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.
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.
6. Complete the Freshman Seminar (APSU 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 APSU 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 (APSU 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 APSU 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.

*TN eCampus Consortial Courses

Formerly Regents Online Degree Program (RODP) and Regents Online Campus Collaborative (ROCC)

TN eCampus courses are offered in the institution's Schedule of Classes, but instruction may be delivered by any of the institutions listed below. Courses will appear on the transcript with the acronym of the delivery institution annotated at the beginning of the course title.

Example: **ENGL 1010** **C-ETSU**: **Composition I**

The C indicates it is a consortial course that was taught by East Tennessee State University.

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 University Calendar.

B. Application must be submitted online for the baccalaureate degree through AP OneStop at onestop.apsu.edu. The link to apply for graduation may also be found on your degree evaluation in Degree works.

C. 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 Preliminary review 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" " "In-progress (IP)" and "Not Recorded (NR)" must be removed for any degree to be conferred.

B. All evaluation of transfer credits must be completed

IV. Earning a Second Major or 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 major or concentration under the degree already awarded by meeting all of the requirements for that second major or concentration as shown in the current edition of the University Bulletin at the time of admission to the second major or concentration.

B. The completed second major or concentration will be added to the Transcript as a notation.

C. A second degree 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 undergraduate major under the same degree, a student who earned a Bachelor of Science in Biology can also complete the requirements for a Bachelor of Science in Chemistry; however only one Bachelor of Science degree will be awarded with majors in Biology and Chemistry.

1. In this illustration, the Bachelor of Science with a major in Biology will appear on the transcript as awarded and the additional major in Chemistry will be added as a transcript notation.

2. In this illustration, a second Bachelor of Science degree will not be awarded and a second diploma will not be issued.

F. 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 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 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 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 one of 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.

1. An illustration of this is 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.

2. In this illustration, two different degrees would be award and two different diplomas would be issued.

B. The student may elect to change one major to a minor. One degree will be awarded.

VI. Earning a Second Baccalaureate Degree From APSU: Students who hold a baccalaureate degree from APSU or any other regionally accredited college or university may subsequently earn a second 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 seeking a second degree.

C. Submit all transcripts from previously attended regionally accredited institutions. Coursework that applies to the second degree must be reviewed. Majors with additional admission requirements may require a review of the entire transcript;

D. Seek Academic Advising. After reviewing the Degree 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 inn 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 or concentration required by the school or department in which the major or concentration 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.

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

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

2. An illustration of this is a student who previously earned a Bachelor of Arts degree with the major of Communication with a concentration in Broadcast Media 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 transcript as indicated above in IV.F.

3. In this illustration, the student could return and complete the requirements for an additional concentration in Sport Communication and a notation would be placed on the transcript for the additional concentration.

4.In this illustration, no additional degree would be awarded and no additional diploma would be awarded.

M. 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.

1. 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 or

2. 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

Information is listed under University Academic Regulations

Grade Reporting

Information is listed under University Academic Regulations

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

Information is listed under Admission to Austin Peay.

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

Information is listed under University Academic Regulations

Dean's List

Information is listed under University Academic Regulations

Academic Status and Retention

Information is listed under University Academic Regulations

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 (APSU 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. Courses offered by *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.
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

Location: McReynolds Building, 216
Phone: 931-221-6625
Email: online@apsu.edu
Website: www.apsu.edu/online

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

- Distance Education Support Desk (M-F, 8:00am-4:30pm)
- Instructional technology assistance and resources for students and faculty
- Student laptop loan program
- Quality Matters course reviews
- Closed captioning and video streaming services
- Faculty development training and travel stipend
- Multimedia resources (Camtasia and SnagIt)
- One-on-one and group instructional technology and design consultations/training
- Distance learning compliance and regulation with NC-SARA
- Winter term

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. 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, information about the laptop loan program, FAQ, helpful tips, and a sources of assistance directory.

TN eCampus

APSU participates in the TN eCampus partnership which provides comprehensive educational programs and courses through a coordinated network of Tennessee Board of Regents community colleges, colleges of applied technology and five independent universities. Courses taken through the TN eCampus partnership are online and completely transferable among the participating institutions which are all accredited. In order to graduate from APSU when

participating in the TN eCampus partnership, graduate students must complete one-third (1/3) of their graduate program in residency where the required number of residency hours are earned in courses taught by APSU faculty. Undergraduate students must complete one-fourth (1/4) of their undergraduate program in residency where required number of residency hours are earned in courses taught by APSU faculty.

Enrolling in a TN eCampus Course

Students must satisfy the residency requirement for APSU prior to enrolling in a TN eCampus course. Students requesting enrollment in a TN eCampus course must meet with an academic advisor and their department chair to discuss course options. The department chair will initiate the TN eCampus Course Request Form if the APSU residency requirement has been met. The TN eCampus Course Request form must be approved by the Distance Education Director and the Registrar before registration authorization can be granted.

Majors, Concentrations & Minors

Bachelor of Arts

- Art (B.A.)
- Communication Media (B.A.)
- English (B.A.)
- Foreign Languages (B.A.)
- Foreign Language (B.A.) with Licensure
- History (B.A.)
- Music (B.A.)
- Philosophy and Religion (B.A.)
- Political Science (B.A.)
- Professional Communication (B.A.)
- Theatre and Dance (B.A.)

Bachelor of Business Administration

- Management
- Accounting (B.B.A.)
- Finance (B.B.A.)
- Management (B.B.A.)
- Marketing (B.B.A.)

Bachelor of Fine Arts

- Art (B.F.A.)
- Theatre and Dance (B.F.A.)

Bachelor of Music

- Music (B.M.)

Bachelor of Science

- Aviation Science, B.S.
- Biology (B.S.)
- Chemistry (B.S.)
- Computer Information Systems (B.S.)
- Computer Information Technology (B.S.)
- Communication Media (B.S.)
- Computer Science (B.S.)
- Criminal Justice (B.S.)
- Education, B.S.
- Engineering Physics (B.S.E.)
- Engineering Technology (B.S.)
- General Agriculture (B.S.)
- General Studies, B.S.
- Geosciences (B.S.)
- Health and Human Performance (B.S.)
- History (B.S.)

- Kinesiology (B.S.)
- Leadership and Organizational Administration (B.S.)
- Mathematics (B.S.)
- Music (B.S.)
- Philosophy and Religion (B.S.)
- Physics (B.S.)
- Political Science (B.S.)
- Professional Communication (B.S.)
- Psychological Science (B.S.)
- Public Management (B.S.)
- Sociology (B.S.)
- Special Education (B.S.)

Bachelor of Science in Medical Laboratory Science

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

Bachelor of Science in Nursing

- Nursing (B.S.N.)

Bachelor of Science in Radiologic Science

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

Bachelor of Social Work

- Social Work (B.S.W.)

Associate of Applied Science

- Engineering Technology (A.A.S.)
- Professional Services (A.A.S.)

Associate of Science

- Liberal Arts Major

Certificate

- Accelerated Culinary Arts Certificate
- Applied Behavior Analysis Certificate
- French Certificate
- Teaching English to Speakers of Other Language (TESOL) Certificate
- Interdisciplinary Health and Social Justice Certificate

Concentration

- Art Education Concentration
- 6-8 Middle School (Math) Concentration
- 6-8 Middle Grades (Science) Concentration
- 6-12 Interventionist Concentration

- Accounting Major
- Acting Concentration B.A.
- Acting Concentration B.F.A
- Actuarial Science Concentration
- Agri-Business Concentration
- Agri-Communication Concentration
- Agri-Science Concentration
- Animation and Visual Effects Concentration BFA
- Art History Concentration
- Astrophysics Concentration
- Biochemistry Concentration
- Biology Major
- Biomedical Science Concentration
- Broadcast Media Concentration B.A.
- Broadcast Media Concentration B.S.
- Chemistry Major
- Classics Concentration
- Communication Sciences and Disorders Concentration
- Composition Concentration
- Corporate Communication Concentration B.A.
- Corporate Communication Concentration B.S.
- Criminal Justice Major
- Culinary Arts Concentration A.A.S.
- Dance Concentration B.A.
- Dance Concentration B.F.A.
- Design Concentration B.A.
- Design Concentration B.F.A.
- Economics Concentration
- Education Non-Licensure Concentration
- Electrical Engineering Technology Concentration
- Electronics Engineering Technology Concentration A.A.S
- Engineering Physics Major
- English Education Concentration
- English Major
- Ethics, Law and Political Theory Concentration B.A.
- Ethics, Law and Political Theory Concentration B.S.
- Exercise Science Concentration
- Finance Major
- French Concentration
- French with Licensure Concentration
- General Information Systems Concentration
- General Computer Science Concentration
- General Radiologic Science Concentration
- Geography Concentration
- Geology Concentration
- German Concentration
- German with Licensure Concentration
- Graphic Design Concentration BFA
- Greek Concentration
- Guitar Performance Concentration

- History Education with Licensure Concentration B.A.
- History Education with Licensure Concentration B.S.
- Health Care Management Concentration
- Health Concentration
- History Major B.A.
- History Major B.S.
- Homeland Security Concentration
- Hospitality Administration Concentration
- Humanities Concentration
- Information Assurance and Security Concentration
- Information Specialist Concentration B.A.
- Information Specialist Concentration B.S.
- Instrumental Performance Concentration
- Journalism Concentration B.A.
- Journalism Concentration B.S.
- Music Therapy Conentration
- K-5 Licensure Program Concentration
- K-8 Interventionist Concentration
- K-12 Comprehensive Concentration
- K-12 Teaching Concentration
- Keyboard Performance Concentration
- Latin Concentration
- Latin with Licensure Concentration
- Leadership Science Concentration
- Liberal Studies Concentration B.A.
- Liberal Studies Concentration B.S.
- Management Major
- Manufacturing Engineering Technology Concentration
- Marketing Major
- Networking Concentration
- Mathematics Education Concentration
- Mathematics Major
- Mechanical Engineering Technology Concentration
- Mechatronics Engineering Technology Concentration
- Mechatronics Engineering Technology Concentration A.A.S.
- MLT to MLS Concentration
- Multi-Disciplinary Concentration
- Musical Theatre Concentration B.F.A.
- Music Education (Choral/K-12 General Music) Concentration
- Music Education (Instrumental/K-12 General Music) Concentration
- Nuclear Medicine Concentration
- Nursing Major
- Organizational Administration Concentration
- Organizational Administration and Supervision Concentration
- Philosophical Studies Concentration B.A.
- Philosophical Studies Concentration B.S.
- Psychological Science Major
- Physics Major
- Political Science Major B.A.
- Political Science Major B.S.

- PreK-3 Concentration
- Pre-Professional Concentration (MLS)
- Pre-Professional Concentration
- Pre-Veterinary Medicine Concentration
- Professional Chemistry
- Public Health Concentration
- Public Management Major
- Public Relations Concentration B.A.
- Public Relations Concentration B.S.
- Radiation Therapy Concentration
- Radiography Concentration
- Religious Studies Concentration B.A.
- Religious Studies Concentration B.S.
- RN to BSN Concentration
- Rotor-Wing Concentration
- Social and Behavioral Sciences Concentration
- Social Work Major
- Sociology Major
- Software Engineering Concentration
- Spanish Concentration
- Spanish with Licensure Concentration
- Sport and Wellness Specialist Concentration
- Sports Communication Concentration B.A.
- Sports Communication Concentration B.S.
- Statistics Concentration
- STEM Concentration
- Studio Art Concentration
- Studio Art Concentration BFA
- Sustainable Development Concentration
- Veterinary Technology Concentration
- Vocal Performance Concentration
- Web and Database Concentration

Minors (non-degree)

- Accounting Minor
- Actuarial Science Minor
- African American Studies Minor
- Agriculture Minor
- Applied Statistics Minor
- Art History Minor
- Artificial Intelligence and Robotics Minor
- Arts Entrepreneurship Minor
- Asian Studies Minor
- Astronomy Minor
- Biology Minor
- Business Administration Minor
- Chemistry Minor
- Classical Civilization Minor
- Classical Language Minor

- Coaching Minor
- Computer Networking Minor
- Computer Science Minor
- Creative Writing Minor
- Criminal Justice Minor
- Dance Minor
- Economics Minor
- English Language Learners (ELL) Minor
- Emergency Management Minor
- Engineering Technology Minor
- English Minor
- English Writing Minor
- Entrepreneurship Minor
- Environmental Studies Minor
- Ethical Studies Minor
- Event Planning Minor
- Family Studies Minor
- Film Studies Minor
- Finance Minor
- French Minor
- Geographic Information Systems Minor
- Geography Minor
- Geology Minor
- German Minor
- Global Security Studies Minor
- Graphic Design Minor
- Greek Minor
- Health Minor
- History Minor
- Homeland Security Minor
- Information Assurance and Security Minor
- International Relations Minor
- International Studies Minor
- Journalism Minor
- Latin American Studies Minor
- Latin Minor
- Leadership Science Minor
- Linguistics Minor
- Management Minor
- Marketing Minor
- Mathematics Minor
- Military Science and Leadership Minor
- Mobile Software Technology Minor
- Music Minor
- Occupational Health Psychology Interdisciplinary Minor
- Organizational Forensics Minor
- Philosophical Studies Minor
- Photography Minor
- Physical Education Minor
- Physics Minor

- Political Science Minor
- Popular Culture Minor
- Pre-Law Minor
- PrePharmacy
- PreProfessional Health Minor
- Professional Communications Minor
- Professional Education Minor
- Professional Education Minor for Secondary and K-12 Education
- Professional Studies Minor
- Professional Writing Minor
- Psychological Science Minor
- Public Management Minor
- Real Estate Minor
- Recreation Minor
- Religious Studies Minor
- Sociology Minor
- Spanish Minor
- Special Education K-8 Interventionist Minor
- Studio Art Minor
- Theatre Minor
- Water Resources Management Minor
- Weather Broadcasting Minor
- Web Technology Minor
- Women's and Gender Studies Minor
- Teaching English to Speakers of Other Languages (TESOL) Minor

PELP (non-degree)

- Honors Program
- President's Emerging Leaders Program (PELP)

PreProfessional Programs (non-degree)

- PreAgricultural Education
- PreDental
- PreFood Technology
- PreForestry
- PreMedicine
- PreOptometry
- PrePharmacy
- PrePhysical Therapy
- PreWildlife

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 though 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)

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**

III Humanities and/or Fine Arts

Complete one (1) course from:

- ENGL 2330 - Topics in World Literature **3**
- HON 2220 - Dialogues on Diversity **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 - Elementary French I **4**
- FREN 1020 - Elementary French II **4**
- GERM 1010 - Elementary German I **4**
- GERM 1020 - Elementary German II **4**
- GREK 1010 - Elementary Greek I **4**
- GREK 1020 - Elementary Greek II **4**
- LATN 1010 - Elementary Latin I **4**
- LATN 1020 - Elementary Latin II **4**
- SPAN 1010 - Elementary Spanish I **4**
- SPAN 1020 - Elementary Spanish II **4**

B. Complete a Foreign Language sequence from below:

- FREN 1010 - Elementary French I **3**
  and
  FREN 1020 - Elementary French II **4**
- GERM 1010 - Elementary German I **3**
  and
  GERM 1020 - Elementary German II **4**
- GREK 1010 - Elementary Greek I **3**
  and
  GREK 1020 - Elementary Greek II **4**
- LATN 1010 - Elementary Latin I **3**
  and
  LATN 1020 - Elementary Latin II **4**
- SPAN 1010 - Elementary Spanish I **3**
  and
  SPAN 1020 - Elementary Spanish II **4**

IV Mathematics

Complete one (1) course from the list below:

- MATH 1010 - Mathematical Thought and Practice **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**

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 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**

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 Regional Geography I **3**
- GEOG 1045 - World Regional Geography 2 **3**
- HHP 1250 - Wellness Concepts and Practice **3**
- LDSP 2100 - Foundations of Leadership **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

Academic Affairs

Enrollment and Student Achievement

Bachelor of Science

• General Studies, B.S.

Enrollment and Student Achievement
Location: McReynolds, Room 102
Phone: 931-221-6643
Website: https://www.apsu.edu/programs/index.php

Description of Major

The APSU General Studies Major is designed for those who have completed an associate's degree and anyone with 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Education Non-Licensure Concentration
- Health Concentration
- Humanities Concentration
- Multi-Disciplinary Concentration
- Organizational Administration and Supervision Concentration
- Social and Behavioral Sciences Concentration
- STEM Concentration

Education Non-Licensure Concentration

The Education Concentration, while not providing teaching certification, draws from 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 aged children, after-school programs, paraprofessionals, and other youth oriented activities and social agencies. In addition, this concentration may serve as an appropriate stepping-stone for seeking initial teacher licensure at the master's level. Students completing this concentration will need to meet Milestone I in the teacher education program. It may be possible to complete this area of emphasis online.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

- APSU 4010 - General Studies Capstone **3**

Total Hours 3

Concentration Requirements

Required Courses

- ART 3140 - Art Education I **3**
- ART 3150 - Art Education II **3**
- ART 3160 - Art Education III **3**
- BIOL 4400 - Teaching Science in High School **3**
- CHEM 1710 - Introduction to Chemistry and Physics **3**
- EC 1000-4999
- EDUC 1000-4999
- ENGL 3420 - The Adolescent Experience in Literature **3**
- ENGL 4400 - Teaching English in Secondary School **3**
- HHP 2030 - Youth and Adolescent Health **3**
- HHP 2120 - Rhythmic Movement and Educational Gymnastics **3**
- HHP 2240 - Introduction to Physical Education **3**
- HHP 3010 - Adapted Physical Education **3**
- HHP 3155 - Teaching Individual and Dual **3**
- HHP 3165 - Teaching Team Sports **3**
- HHP 3180 - Intro to PE in Elementary School **3**
- HHP 3190 - Movement Education for Elementary Children **3**
- HHP 3210 - Methods and Materials in Physical Education for the Elementary School **3**
- HHP 4400 - Teaching Health and Human Performance **3**
- HIST 4400 - Teaching Social Studies in the Secondary Science
- HIST 4410 - Teaching History in the Middle School **3**
- HIST 4950 - Teaching Social Studies Secondary Schools **3**
- LING 4040 - How Language Works **3**
- LING 4050 - English Grammar and Usage **3**
- LING 4400 - Teaching Foreign Languages in Secondary School **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 4020 - Geometry for Elementary and Middle School 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**
- MUS 3255 - Elementary Music Methods **3**
- MUS 4500 - Music Curriculum and Assessment **3**
- POLS 4340 - Family Law **3**
- POLS 4370 - Juvenile Law **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 4140 - Learning and Behavioral Disorders **3**
- RDG 1000-4999
- SCI 4020 - Teaching Science I: K-6 **4**
- SCI 4030 - Teaching Science II: K-6 **4**
- SOC 3060 - Contemporary Issues in the Family **3**
- SOC 3070 - Families Across Cultures **3**
- SOC 3090 - Sociology of Education **3**
- SPED 1000-4999
- SW 4035 - Social Work with Children and Families **3**
- SW 4040 - Social Work and Family Violence **3**

Total Hours 36

Free Electives

- Select thirty-nine (39) hours of elective credit from any discipline **39**

Total Hours 39

Total Program Hours 120

Health Concentration

The 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

- APSU 4010 - General Studies Capstone **3**

Total Hours 3

Concentration Requirements

Required Courses

Select 36 credit hours, including 18 upper-division credit hours, from the following
(Note: courses counted for the core cannot be counted in the focus area)

- AHS 1010 - Introduction to Healthcare Professions
- BIOL 2010 - Human Anatomy and Physiology I **3** / BIOL 2011 **1** (lab)
- BIOL 2020 - Human Anatomy and Physiology II **3** / BIOL 2021 **1** (lab)
- BIOL 2300 - Principles of Microbiology **3** / BIOL 2301 **1** (lab)
- 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
- 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**
- PHIL 2300 - Medical Ethics **3**

Total Hours 36

Free Electives

- **Select thirty-nine (39) hours of elective credit from any discipline**

Total Hours: 39

Total Program Hours 120

Humanities Concentration

The 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

- APSU 4010 - General Studies Capstone **3**

Total Hours 3

Concentration Requirements

Required Courses

Select 36 credit hours, including 18 upper-division credit hours, from the following
(Note: courses counted in the core cannot be counted in the focus area)

- AAST 1000-4999
- ASIA 1000-4999
- CLAS 1000-4999
- CHIN 1000-4999
- COMM 1000-4999
- DIVR 4020 - Capstone Seminar in Social Justice **3**
- 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
- WGS 1000-4999

Total Hours 36

Free Electives

- Select thirty-nine (39) credit hours of elective credit from any discipline **39**

Total Hours 39

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

- APSU 4010 - General Studies Capstone **3**

Total Hours 3

Concentration Requirements

Required Courses

- Complete any two (2) minors that the University offers *Note: May not select two (2) College of Business Minors*

Total Hours 36

Free Electives

- Select thirty-nine (39) credit hours of elective credit from any discipline **39**

Total Hours 39

Total Program Hours 120

Organizational Administration and Supervision Concentration

The Organizational Administration and Supervision Concentration, while not a degree in business, allows students to obtain knowledge in an array of management disciplines. Students may craft their individual degrees by combining courses in numerous fields that correspond with their personal career goals. It may also serve as a stepping stone for graduate studies.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

- APSU 4010 - General Studies Capstone **3**

Total Hours 3

Program Free Electives

- Select thirty-nine (39) credit hours of elective credit from any discipline **39**

Total Hours 39

Concentration Requirements

Required Courses

Students must complete thirty-six (36) hours, with at least eighteen (18) hours in upper-division credit (3000-4999)
Students may use no more than twenty-four (24) hours from the following courses to complete the requirements for this degree

- ACCT 1000-4999
- CCET 2540 - Jobsite Management **3**
- CULA 2340 - Human Resource Management **3**
- DSCI 1000-4999
- ECON 1000-4999
- ENGT 2750 - General Contracting **3**
- FIN 1000-4999
- INTS 2000 - Introduction International Studies
- LDSP 2010 - Introduction to Organizational Management **3**
- LDSP 3080 - Intercultural Business Communication **3**
- LDSP 3230 - Workforce Management **3**
- LDSP 3240 - Financial Measurement, 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 twelve (12) hours from the following

- 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 - Media Relations
- 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 - Public Relations Strategies
- COMM 4910 - Public Relations Campaigns **3**
- CULA 1000-2339
- CULA 2341-2999
- EET 1000-4999
- LDEV 1000-4999
- LDSP 1000-4999 (Not Listed in Part A above)
- 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

Social and Behavioral Sciences Concentration

The 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

- APSU 4010 - General Studies Capstone **3**

Total Hours 3

Concentration Requirements

Required Courses

Select 36 credit hours, including 18 upper-division credit hours, from the following:
(Note: courses counted in the core cannot be counted in the focus area)

- 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

- Select thirty-nine (39) credit hours of elective credit from any discipline **39**

Total Hours 39

Total Program Hours 120

STEM 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

- APSU 4010 - General Studies Capstone **3**

Total Hours 3

Concentration Requirements

Required Courses

Select 36 credit hours, including 18 upper-division credit hours, from the following:
*(*Note*: courses counted in the core cannot be counted in the focus area)*

- 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
- ENGR 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

- Select thirty-nine (39) credit hours of elective credit from any discipline **39**

Total Hours 39

Total Program Hours 120

Associate of Science

Liberal Arts Major

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 - Dialogues on Diversity 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 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 Regional Geography I 3
- GEOG 1045 - World Regional Geography 2 3
- HHP 1250 - Wellness Concepts and Practice 3
- LDSP 2100 - Foundations of Leadership 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 3

Total Hours 6

VII Transition to the University

Complete one (1) course from:

- APSU 1000 - Freshmen Seminar 1
- HON 1000 - Introduction to University Life 1
- PELP 1000 - Freshman Seminar 1

Total Hours 1

VIII General Education Electives: 18 Credit Hours

Total Hours 18

Total Program Hours 60

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/

Bachelor of Arts

Art (B.A.)

College of Arts and Letters

Department of Art and Design

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

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 thestudent 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.

Description

The BA Art: Art Education degree is for students who seek a career teaching art at the K-12 level.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	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**
- ART 2010 - Art History, Survey I **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 **2**
- EDUC 3001 - Educational Psychology **3.0**
- 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: 17

Student Teaching: 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

Art History Electives

Select two (2) courses from the list below:

- 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 - History of Native American Art **3**
- ART 3280 - History of Baroque Art **3**
- ART 3910 - Art and Design History Study Abroad **3**

Studio Art Electives:

Select five (5) courses from the list below:

- 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 2320 - Graphic Design I **3**
- ART 2410 - Animation I **3**
- ART 3090 - Collage and the Found Image **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, Waterrmedia **3**
- ART 3570 - Sculpture II **3**
- ART 3590 - Photography II **3**
- ART 3650 - Ceramics II **3**
- ART 3690 - Digital Photography **3**
- ART 3900 - Studio Study Abroad **3**
- ART 3940 - Form and Idea **3**
- ART 4040 - Painting III **3**
- ART 4070 - Sculpture III **3**
- ART 4090 - Problems in Art **3**
- ART 410X - Topics in Studio Art **3**
- ART 4190 - Photography III **3**

Total Hours 21

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 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.

Description

The curriculum for the concentration is a combination of the existing BA Studio Art concentration and the existing Art History Minor. The substantial increase of Art History coursework (from 12 credit hours to 30) will increase student critical reading, writing, and research at the undergraduate level.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

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 - History of Native American Art **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 3080 - 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, Watermedia **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 - Photography II **3**
- ART 3690 - Digital Photography **3**
- ART 3900 - Studio Study Abroad **3**
- ART 4190 - Photography III **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 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.

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

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, pottery/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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	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 4150 - Senior Thesis I **3**

Select two (2) courses from the list below

- 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 - History of Native American Art **3**
- ART 3270 - History of Graphic Design **3**
- ART 3280 - History of Baroque Art **3**
- ART 3910 - Art and Design History Study Abroad **3**

Total Hours 9

Foci Options

B.A. Studio Art 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, pottery/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.

Foci	Introductory Course (1 Required)	Upper Division Courses (2 Required)
Drawing	ART 1050 - Drawing II **3**	ART 3340 - Drawing III **3** ART 3540 - Drawing IV, Thematic Development Drawing **3** ART 3080 - Illustration I **3**
Digital Media	ART 2170 - Digital Media I **3**	ART 3170 - Digital Media II **3** ART 4170 - Digital Media III **3**
Graphic Design	ART 2320 - Graphic Design I **3**	ART 2520 - Typography I **3** ART 3370 - Web Design **3** ART 4120 - Graphic Design II **3** ART 4370 - Web Design II **3**
Illustration	ART 3080 - Illustration I **3**	ART 4080 - Illustration II **3** ART 4085 - Illustration III **3**
Painting	ART 2040 - Painting I **3**	ART 3440 - Painting II **3** ART 3560 - Painting, Watermedia **3** ART 4040 - Painting III **3**
Photography	ART 2090 - Photography I **3**	ART 3590 - Photography II **3** ART 3690 - Digital Photography **3** ART 4190 - Photography III **3**
Printmaking	ART 2030 - Printmaking I **3**	ART 3430 - Printmaking II **3** ART 3530 - Printmaking III **3**
Pottery/Ceramics	ART 2050 - Ceramics **3**	ART 3450 - Ceramic Sculpture **3** ART 3555 Ceramic Slip Casting **3** ART 3650 - Pottery-Ceramics II **3** ART 4050 - Pottery-Ceramics III **3**
Sculpture	ART 2070 - Sculpture I **3**	ART 3450 - Ceramic Sculpture **3** ART 3570 - Sculpture II **3** ART 4070 - Sculpture III **3**
Animation	ART 2410 - Animation I **3**	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 Program Hours 120

Bachelor of Fine Arts

Art (B.F.A.)

College of Arts and Letters

Department of Art and Design

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

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 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.

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.

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 2410 - Animation I **3**
- ART 2420 - Digital 3D **3**

Select one (1) course from the following:

- ART 2010 - Art History, Survey I **3**
- ART 2015 - Art History, Non-Western Survey **3**

Total Hours 12

Upper Division Courses

- ART 3410 - Animation II **3**
- ART 3420 - Visual Effects **3**
- ART 3460 - Visual Effects II **3**
- ART 3690 - Digital Photography **3**
- ART 4150 - Senior Thesis I **3**
- ART 4160 - Senior Thesis II **3**
- ART 4410 - Animation III **3**

Total Hours 21

Studio Art Courses

Select two (2) courses from the following:

- 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 - Digital Media I **3**
- ART 2320 - Graphic Design I **3**
- ART 2520 - Typography I **3**
- ART 3080 - Illustration I **3**

Total Hours 6

Art History Courses

Select two (2) courses from the following:

- 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 - History of Native American Art **3**
- ART 3280 - History of Baroque Art **3**
- ART 3910 - Art and Design History Study Abroad **3**

Total Hours 6

Concentration Guided Electives

Select six (6) courses from the following:

- ART 3170 - Digital Media II **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, Watermedia **3**
- ART 3570 - Sculpture II **3**
- ART 3590 - Photography II **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 4170 - Digital Media III **3**
- ART 4190 - Photography III **3**
- ART 440I - Art Internship **3**
- ART 4415 - Animation IV **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:

- Completion of: ART 1340, ART 1350, ART 1045, ART 1360 and

- 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.

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 2320 - Graphic Design I **3**
- ART 2520 - Typography I **3**

Select two (2) courses from following:

- 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 - Digital Media I **3**
- ART 2410 - Animation I **3**
- ART 3080 - Illustration I **3**

Select one (1) course from the following:

- ART 2010 - Art History, Survey I **3**
- ART 2015 - Art History, Non-Western Survey **3**

Total Hours 18

Upper Division Courses

- ART 3270 - History of Graphic Design **3**
- ART 3370 - Web Design **3**
- ART 3520 - Typography II **3**
- ART 3690 - Digital Photography **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 30

Concentration Guided Electives

Select one (1) course from the following:

- 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 - History of Native American Art **3**
- ART 3280 - History of Baroque Art **3**
- ART 3910 - Art and Design History Study Abroad **3**

Select four (4) courses from the following:

- ART 3170 - Digital Media II **3**
- ART 3340 - Drawing III **3**
- ART 3410 - Animation II **3**
- ART 3430 - Printmaking II **3**
- ART 3440 - Painting 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 - Photography II **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 4170 - Digital Media III **3**
- ART 4190 - Photography III **3**
- ART 440I - Art Internship **3**
- ART 4444 - Advanced Problem Solving in Graphic Design **3**

Total Hours 15

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 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.

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, pottery/ceramics, printmaking, sculpture, digital media, or illustration) through completion of the degree. A B.F.A. portfolio review is required of B.F.A. candidates as a prerequisite to ART 4150 and ART 4160.

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

Select two (2) courses from the following:

- ART 2010 - Art History, Survey I **3**
- ART 2015 - Art History, Non-Western Survey **3**
- ART 2020 - Art History, Survey II **3**

Select four (4) courses from the following:

- 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 - Digital Media I **3**
- ART 2410 - Animation I **3**
- ART 2420 - Digital 3D **3**
- ART 3080 - Illustration I **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

Art History (Select two (2) 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 - History of Native American Art **3**
- ART 3280 - History of Baroque Art **3**
- ART 3910 - Art and Design History Study Abroad **3**

Select eleven (11) courses from the following:

- ART 3080 - Illustration I **3**
- ART 3090 - Collage and the Found Image **3**
- ART 3170 - Digital Media II **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 3460 - Visual Effects II **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 - Photography II **3**
- ART 3650 - Ceramics II **3**
- ART 3690 - Digital Photography **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 4170 - Digital Media III **3**
- ART 4190 - Photography III **3**
- ART 4370 - Web Design II **3**
- ART 440I - Art Internship **3**
- ART 4410 - Animation III **3**
- ART 4415 - Animation IV **3**

One (1) elective may be completed 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 - History of Native American Art **3**

Total Hours 39

Total Program Hours 120

Minors (non-degree)

Art History Minor

Department of Art and Design

Location: Art and Design., Room 235
Phone: 931-221-7333
Website: www.apsu.edu/art-design/

Required Courses

- ART 1035 - Introduction to Art **3**
- ART 2010 - Art History, Survey I **3**
- ART 2020 - Art History, Survey II **3**

Total Hours 9

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/

Required Courses

- 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

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/

Required Courses

- ART 1360 - Foundations Studio 3 **3**
- ART 2080 - Photo I for Non-Art Majors **3**
- ART 3590 - Photography II **3**
- ART 3690 - Digital Photography **3**
- ART 4190 - Photography III **3**

Total Hours 15

Guided Electives

Select one (1) course from the list below:

- 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

Required Courses

- ART 1340 - Foundations Studio I **3**
- ART 1350 - Foundations Studio 2 **3**
- **Electives:** twelve (12) hours of approved courses which six (6) hours must be upper division studio courses

Total Hours 18

Department of Communication

College of Arts and Letters
Location: Music and Mass Communication, 173
Phone: 931-221-7378
Website: http://comm.apsu.edu/

Bachelor of Arts

Communication Media (B.A.)

Department of Communication

Location: Music and Mass Communication Bldg., Room 173
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.

A minor is required for all majors and must be from an outside department. Due to accreditation standards, students cannot take COMM courses to count in their minor.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

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.

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 6

Minor

- Select any Minor

Total Hours 18-24

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.

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 2000 - Media Writing **3**
- COMM 2920 - Photojournalism **3**

Total Hours 6

Upper Division Courses

- COMM 3200 - Copy Editing **3**
- COMM 3400 - Mass Communication Research Methods **3**
- COMM 3420 - Principles of Social Media **3**
- COMM 3450 - Broadcast News Writing **3**
- COMM 3610 - Multimedia News Reporting **3**
- COMM 4950 - Convergence Journalism Capstone **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 4910 - Public Relations Campaigns **3**
- COMM 4920 - Portfolio Development **3**
- COMM 499A - Special Topics in Communication **3**

Total Hours 9

Free Electives

- Select any courses

Total Hours 16-22

Minor

- Select any Minor

Total Hours 18-24

Total Program Hours 120

Sports Communication Concentration B.A.

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**
- 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

- Select any courses

Total Hours 9

Minor

- Select any MInor

Total Hours 18-21

Total Program Hours 120

Professional Communication (B.A.)

College of Arts and Letters

Department of Communication

Location: Music and Mass Communication Bldg., Room 173
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.

A minor is required for all majors and must be from an outside department. Due to accreditation standards, students cannot take COMM courses to count in their minor.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

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.

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**
- COMM 4920 - Portfolio Development **3**

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 15

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 9

Minor

- Select any Minor

Total Hours 18-24

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.

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 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 18

Minor

- Select any Minor

Total Hours 18-21

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.

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**
- COMM 4920 - Portfolio Development **3**

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 15

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**

Total Hours 9

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 9-12

Minor

- Select any Minor

Total Hours 18-21

Total Program Hours 120

Bachelor of Science

Communication Media (B.S.)

Department of Communication

Location: Music and Mass Communication Bldg., Room 173
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.

A minor is required for all majors and must be from an outside department. Due to accreditation standards, students cannot take COMM courses to count in their minor.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

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.

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 16-22

Minor

- Select any Minor

Total Hours 18-24

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.

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 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**
- COMM 2920 - Photojournalism **3**

Total Hours 6

Upper Division Courses

- COMM 3200 - Copy Editing **3**
- COMM 3400 - Mass Communication Research Methods **3**
- COMM 3420 - Principles of Social Media **3**
- COMM 3450 - Broadcast News Writing **3**
- COMM 3610 - Multimedia News Reporting **3**
- COMM 4950 - Convergence Journalism Capstone **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 4910 - Public Relations Campaigns **3**
- COMM 4920 - Portfolio Development **3**
- COMM 499A - Special Topics in Communication **3**

Total Hours 9

Free Electives

- Select any courses

Total Hours 16-22

Minor

- Select any Minor

Total Hours 18-24

Total Program Hours 120

Sports Communication Concentration B.S.

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 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

- Select any courses

Total Hours 9

Minor

- Select any Minor

Total Hours 18-21

Total Program Hours 120

Professional Communication (B.S.)

College of Arts and Letters

Department of Communication

Location: Music and Mass Communication Bldg., Room 173
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.

A minor is required for all majors and must be from an outside department. Due to accreditation standards, students cannot take COMM courses to count in their minor.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

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.

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**
- COMM 4920 - Portfolio Development **3**

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 15

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**

Total Hours 9

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 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 15

Minor

- Select any Minor

Total Hours 18-24

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.

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 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

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.

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**
- COMM 4920 - Portfolio Development **3**

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 15

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**

Total Hours 9

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 9-12

Minor

- Select any Minor

Total Hours 18-21

Total Program Hours 120

Minors (non-degree)

Event Planning Minor

Department of Communications
Location: Music and Mass Communication, 173
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 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.

Required Courses

- 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 3810 - Hospitality Administration Technology and Applications **3**
- HOSP 3840 - Restaurant/Food Service Administration **3**
- HOSP 3850 - Hospitality Promotion and Sales **3**

Total Hours 21

Journalism Minor

Department of Communications
Location: Music and Mass Communication, 173
Phone: 931-221-7378
Website: http://comm.apsu.edu/

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

Electives

- Select nine (9) credit hours of upper division communication courses.

Total Hours 9

Popular Culture Minor

Department of Communication Arts
Location: Music and Mass Communication Bldg., Room 173
Phone: 931-221-7378
Website: www.apsu.edu/communication/index.php

Required Courses

Lower Division Courses

- COMM 1600 - Introduction to Popular Culture **3**
- COMM 1110 - Media and Social Institutions **3**

Total Hours 6

Upper Division Courses

- COMM 4980 - Television Culture and Diversity **3**

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 12

Total Hours 18

Professional Communications Minor

Department of Professional Communications
Location: Music and Mass Communication Bldg., Room 173
Phone: 931-221-7378
Website: www.apsu.edu/communication/index.php

Professional Communications minor requires a minimum of 21 hours in Communication, with no more than 9 hours at the 1000-2000 level. Those students who are also majoring in Communication cannot use any hours required in their concentration or area of specialization to meet the requirements for the minor.

Total Hours 21

Weather Broadcasting Minor

Department of Communication Arts
Location: Music and Mass Communication Bldg., Room 173
Phone: 931-221-7378
Website: www.apsu.edu/communication/index.php

Required Courses

Lower Division Courses

- GEOG 1015 - Physical Geography **3**
- COMM 2140 - Principles of Radio and Television Production **3**

Total Hours 3

Upper Division Courses

- COMM 3350 - Broadcast Announcing **3**
- COMM 3620 - Weather Broadcasting **3**
- COMM 3810 - Live Studio Production **3**
- GEOG 3930 - Natural Hazards in Environment **3**
- GEOG 4170 - Meteorology **3** /GEOG 4171 **1** (lab)
- GEOG 4180 - Climatology **3** /GEOG 4181 **1** (lab)

Total Hours 20

Department of History & Philosophy

College of Arts and Letters
Location: Harned Hall, 323
Phone: 931-221-7919
Website: www.apsu.edu/history/

Bachelor of Arts

History (B.A.)

College of Arts and Letters

Department of History

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Concentrations

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

History Major B.A.

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.

General Education Core

	Credit Hours
Required courses from the General Education • Humanities (9) • Social Science: ECON 2100, POLS 2010 (6)* *Limitation within Social Science Specific to History Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Lower Division Courses

- GEOG 1035 - World Regional Geography I **3**
  or
- GEOG 1045 - World Regional Geography 2 **3**
  Note: History Education students must take these courses as a separate Social Studies Component. 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 4410 - Teaching History in the Middle School **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 27

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

Free Electives

Total Hours 3

Total Program Hours 120

Philosophy and Religion (B.A.)

College of Arts and Letters

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 options: 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Lower Division Courses

Complete one (1) course from:

- PHIL 1030 - Introduction to Philosophy **3**
- PHIL 1040 - Introduction to Ethics **3**
- PHIL 2200 - Religion and the World **3**

Total Hours 3

History Requirement

- PHIL 3040 - History of Ethics **3**

Select one (1) Course 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

Complete two (2) courses from:

- PHIL 3050 - Religious Ethics **3**
- PHIL 4100 - Social-Political Philosophy **3** Or POLS 3000 - Foundations of Political Theory
- PHIL 4720 - Ethical Theory **3**

Total Hours 6

Applied Value Theory

Select three (3) courses from the list below

- COMM 4600 - Media Ethics **3**
- PHIL 2300 - Medical Ethics **3**
- PHIL 3060 - Applied Ethics **3**
- PHIL 4015 - War and Ethics **3**
- PHIL 4200 - Philosophy of Law **3**
- POLS 4010 - Contemporary Political Ideas **3**
- POLS 4100 - Democracy **3**
- POLS 4170 - Power, Morality, International Relations **3**

Total hours 3

Concentration Guided Electives

Complete two (2) courses from the list below:

- PHIL 380C - The Battle of God **3**
- PHIL 3800 - The Beatitudes in World Religion **3**
- PHIL 4600 - Literature and Philosophy of Existentialism **3**
- Any additional course from the above lists not used to satisfy those categories.
- Any other upper division Philosophy course or course from another department related to Religious Studies as approved by your advisor.

Total Hours 6

Free Electives

- Select forty-eight (48) hours of free electives

Total Program Hours 120

Philosophical Studies Concentration B.A.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Lower Division Courses

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

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 two (2) courses from the list below

- PHIL 3040 - History of Ethics **3**
- PHIL 3050 - Religious Ethics **3**
- PHIL 4100 - Social-Political Philosophy **3**
- PHIL 4720 - Ethical Theory **3**

Total Hours 15

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-eight (48) hours of free electives

Total Hours 48

Total Program Hours 120

Religious Studies Concentration B.A.

The Religious Studies Specialization is an excellent background for seminary and careers in Religion as well as for anyone with an interest in world religions and religious issues.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Lower Division Courses

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

Upper Division Courses

Select four (4) courses from the list below

- 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**
- CLAS 3430 - Roman Religion **3**
- ENGL 340D - Mythology and Folklore **3**
- ENGL 340S - Literature of the English Bible **3**
- HIST 4075 - Medieval Islamic Civilization **3**
- PHIL 380B - Islam as a World View **3**
- PHIL 380C - The Battle of God **3**
- PHIL 3800 - The Beatitudes in World Religion **3**
- SOC 3400 - Sociology of Religion **3**

Total Hours 21

Concentration Guided Electives

Complete two (2) courses from:

- PHIL 3120 - Modern 15th-18th Century Philosophy **3**
- PHIL 3130 - 19th and 20th Century Philosophy **3**
- PHIL 4600 - Literature and Philosophy of Existentialism **3**
- Any additional course from the above lists not used to satisfy those categories.
- Any other upper division Philosophy course or course from another department related to Religious Studies as approved by your advisor.

Total Hours 6

Free Electives

- Select forty-eight (48) hours of free electives

Total Hours 48

Total Hours 120

Bachelor of Science

History (B.S.)

College of Arts and Letters

Department of History

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

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

History Major B.S.

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.

General Education Core

	Credit Hours
Required courses from the General Education • Humanities (9) • Social Science: ECON 2100, POLS 2010 (6) *Limitation within Social Science Core Specific to History Education	41
University-Wide Freshman Seminar Requirement	1

Lower Division Courses

- GEOG 1035 - World Regional Geography I **3**
  or
- GEOG 1045 - World Regional Geography 2 **3**
  Note: History Education students must take these courses as a separate Social Studies Component. 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 4410 - Teaching History in the Middle School **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 27

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 23

Additional Certification Requirements for Student Teaching

- 12 credit hours of Student Teaching and Seminar will be required.

Free Electives

- Students will need three hours of elective credit

Total Program Hours 122

Philosophy and Religion (B.S.)

College of Arts and Letters

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 options: 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Lower Division Courses

Complete 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

History Requirement

- PHIL 3040 - History of Ethics **3**

Select one (1) course 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

Complete two (2) course from:

- PHIL 3050 - Religious Ethics **3**
- PHIL 4100 - Social-Political Philosophy **3** or POLS 3000 - Foundations of Political Theory **3**
- PHIL 4720 - Ethical Theory **3**

Total Hours 6

Applied Value Theory

Select three (3) course from the list below

- COMM 4600 - Media Ethics **3**
- PHIL 2300 - Medical Ethics **3**
- PHIL 3060 - Applied Ethics **3**
- PHIL 4015 - War and Ethics **3**
- PHIL 4200 - Philosophy of Law **3**
- POLS 4010 - Contemporary Political Ideas **3**
- POLS 4100 - Democracy **3**
- POLS 4170 - Power, Morality, International Relations **3**

Total Hours 9

Concentration Guided Electives

Select two (2) courses from the list below

- PHIL 380C - The Battle of God **3**
- PHIL 3800 - The Beatitudes in World Religion **3**
- PHIL 4600 - Literature and Philosophy of Existentialism **3**
- Any additional course from the above lists not used to satisfy those categories
- Any other upper division Philosophy course or course from another department related to Religious Studies as approved by your Advisor

Total Hours 6

Free Electives

- Select forty-eight (48) hours of free electives **48**

Total Hours 48

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

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

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 two (2) courses from the list below

- PHIL 3040 - History of Ethics **3**
- PHIL 3050 - Religious Ethics **3**
- PHIL 4100 - Social-Political Philosophy **3**
- PHIL 4720 - Ethical Theory **3**

Total Hours 15

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-eight (48) hours of free electives **48**

Total Hours 48

Total Program Hours 120

Religious Studies Concentration B.S.

The Religious Studies Specialization is an excellent background for seminary and careers in Religion as well as for anyone with an interest in world religions and religious issues.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

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

Upper Division Courses

Select four (4) courses from the list below

- 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**
- CLAS 3430 - Roman Religion **3**
- ENGL 340D - Mythology and Folklore **3**
- ENGL 340S - Literature of the English Bible **3**
- HIST 4075 - Medieval Islamic Civilization **3**
- PHIL 380B - Islam as a World View **3**
- PHIL 380C - The Battle of God **3**
- PHIL 3800 - The Beatitudes in World Religion **3**
- SOC 3400 - Sociology of Religion **3**

Total Hours 21

Concentration Guided Electives

Complete two (2) courses from:

- PHIL 3120 - Modern 15th-18th Century Philosophy **3**
- PHIL 3130 - 19th and 20th Century Philosophy **3**
- PHIL 4600 - Literature and Philosophy of Existentialism **3**
- Any additional course from the above lists not used to satisfy those categories
- Any other upper division Philosophy course or course from another department related to Religious Studies as approved by your Advisor

Total Hours 6

Free Electives

- Select forty-eight (48) hours of free electives **48**

Total Hours 48

Total Program Hours 120

Minors (non-degree)

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.

Required Courses

- ASIA 4999 - Asian Studies Portfolio **1**

Select eight (8) credit hours from the courses listed below

- CHIN 1010 - Elementary Chinese I **4**
- CHIN 1020 - Elementary Chinese II **4**
- JAPN 1010 - Elementary Japanese I **4**
- JAPN 1020 - Elementary Japanese II **4**
- KOR 1010 - Elementary Korean I **4**
- KOR 1020 - Elementary Korean II **4**

Total Hours 9

Electives

Select nine (9) credit hours from at least two (2) disciplines from the list below

- ART 324X - Special Topics in Art History **3**
- ASIA 1001 - Japan through Manga and Anime **3**
- ASIA 4900 - Special Topics in Asian Studies **1**
- CHIN 2010 - Intermediate Chinese I **3**
- CHIN 2020 - Intermediate Chinese II **3**
- GEOG 3130 - Geography of the Middle East **3**
- GEOG 450C - Special Problems in Regional Geography **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**

Total Hours 9

Ethical Studies Minor

Department of History and Philosophy
Location: Harned Hall, Room 340
Phone: 931-221-7919
Website: www.apsu.edu/history

Required Courses

Introductory 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

Value Theory Requirement

Select two (2) courses from the list below

- PHIL 3040 - History of Ethics **3**
- PHIL 3050 - Religious Ethics **3**
- PHIL 4100 - Social-Political Philosophy **3**
  or
  POLS 3000 - Foundations of Political Theory **3**
- PHIL 4720 - Ethical Theory **3**

Total Hours 6

Applied Ethics Requirement

Select two (2) courses from the list below

- COMM 4600 - Media Ethics **3**
- PHIL 2300 - Medical Ethics **3**
- PHIL 3060 - Applied Ethics **3**
- PHIL 4015 - War and Ethics **3**
  or
  POLS 4170 - Power, Morality, International Relations **3**
- PHIL 4200 - Philosophy of Law **3**
- POLS 4010 - Contemporary Political Ideas **3**
  or
  POLS 4100 - Democracy **3**
- AAST 3500 - Race, Gender and Sexuality **3**
  or
  AAST 4050 - The Social Meaning of Race **3**
  or
  WGS 3060 - Vagina Monologues **3**

Total Hours 6

Guided Elective

Select one (1) course from the list below

- Any upper division Philosophy Course (PHIL 3000+) not used to fulfill the categories above

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

Required Courses

- 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**

Select nine (9) credit hours from the courses listed below

- **HIST 3000-4940 upper division courses; excluding HIST 4410**

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

Program Description

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.

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 Electives

- Select one (1) course from any remaining Philosophy courses other than PHIL 1030,1040, or 2200

Total Hours 3

Religious Studies Minor

Department of History and Philosophy
Location: Harned Hall, Room 340
Phone: 931-221-7919
Website: www.apsu.edu/history

Required Courses

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 Requirement

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 Requirement

Select one (1) course from the list below:

- PHIL 3200 - Eastern Religions **3**
- PHIL 3300 - Western Religions **3**

Total Hours 3

Topics in World Religions Requirement

Select two (2) courses from the list below:

- CLAS 3310 - Greek Mythology **3**
- CLAS 3410 - Greek and Roman Religion **3**
- CLAS 3430 - Roman Religion **3**
- ENGL 340D - Mythology and Folklore **3**
- ENGL 340S - Literature of the English Bible **3**
- HIST 4075 - Medieval Islamic Civilization **3**
- PHIL 3200 - Eastern Religions **3**
  or
  PHIL 3300 - Western Religions
- PHIL 3800 - The Beatitudes in World Religion **3**
- PHIL 380B - Islam as a World View **3**

- PHIL 380C - The Battle of God **3**
- PHIL 3050 - Religious Ethics **3**
  or
  PHIL 3110 - The History of Medieval Philosophy **3**
  or
  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/

Bachelor of Arts

English (B.A.)

College of Arts and Letters

Languages and Literature

Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Description of Major

The English major, leading to the B.A. or B.S. degrees, provides the foundation for a variety of careers. In addition to training students for positions that call primarily for language skills, the English major is a fine preparation for any work where the ability to think independently and creatively is valued.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Concentrations

- English Major
- English Education Concentration

English Major

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

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 3100 - Studies in British Literature I **3**
- ENGL 3130 - Studies in British Literature II **3**
- ENGL 3150 - Shakespeare **3**

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**

Select one (1) Course from the list below

- 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**

Total Hours 21

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 three (3) courses from the list below excluding ENGL 3310, 3320, 3420, 4400

- ENGL 3200 - Expository Writing **3**
- ENGL 3210 - Writing Fiction **3**
- ENGL 3220 - Writing Poetry **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 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 (8)
  or
- Foreign Language 2010/2020 (6)

Total Hours 18-20

Minor

A minor is required for this degree path but there is not a required/specific minor.

Total Program Hours 120

English Education Concentration

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	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 3100 - Studies in British Literature I **3**
- ENGL 3130 - Studies in British Literature II **3**
- ENGL 3150 - Shakespeare **3**
- ENGL 3420 - The Adolescent Experience in Literature **3**
- ENGL 4400 - Teaching English in Secondary School **3**
- RDG 4890 - Teaching Reading in the Secondary Schools **3**

Total Hours 24

Concentration Guided Electives

Select one (1) Course from the list below

- ENGL 3200 - Expository Writing **3**
- ENGL 3500 - Advanced Technical Writing **3**
- ENGL 3600 - Professional Writing and Editing **3**

Select two (2) courses from the list below

- 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**

Select one (1) Course from the list below

- ENGL 3200 - Expository Writing **3**
- ENGL 3210 - Writing Fiction **3**
- ENGL 3220 - Writing Poetry **3**
- ENGL 340B - Native American Literature **3**
- ENGL 340C - Modern Southern Fiction **3**
- ENGL 340D - Mythology and Folklore **3**
- ENGL 340E - Russian Literature **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 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 370A - 17th Century British Prose and Poet **3**
- ENGL 3700 - Business Writing **3**
- ENGL 4400 - Teaching English in Secondary School **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**
- 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**

Complete a two (2) semester sequence of Foreign language

- Foreign Language 1010/1020
  or
- Foreign Language 2010/2020

Total Hours 18-20

Minor

Professional Education Minor for Secondary and K-12 Education

Additional Requirements

- Praxis II required testing: English Content Exam Test Code 5038 (ETS), minimum score 167
- edTPA required score of 42/75
- Exit exam is required

Total Program Hours 120

Foreign Language (B.A.) with Licensure

College of Arts and Letters

Department of Languages and Literature

Location: Harned Hall, 115
Phone: (931) 221-7891
Website: http://www.apsu.edu/langlit/foreignlanguages/

Description of Major

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

Students seeking licensure for teaching grades 7-12 must also take LING 4400 and one study abroad course from SPAN 304A or SPAN 304B for Spanish licensure; FREN 3040 for French licensure; or GERM 3040 for German licensure; or present evidence of an acceptable intensive experience abroad in the target language. Students must also complete the Professional Education minor and Student Teaching. Teacher licensure for grades 7-12 is available in French, German, Spanish, and Latin through concentrations and specializations in the Foreign Languages major.

Foreign language majors who transfer from other colleges and universities must earn at least six (6) hours of coursework in each of the two foreign languages taken at Austin Peay.

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

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- French with Licensure Concentration
- Latin with Licensure Concentration
- German with Licensure Concentration
- Spanish with Licensure Concentration

French with Licensure Concentration

Students seeking licensure for teaching grades 7-12 in Tennessee must also take LING 4400 and one study abroad course FREN 3040 for French licensure or present evidence of an acceptable intensive experience abroad in the target language. A professional education minor is required.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Lower Division Courses

- FREN 2010 - Intermediate French I **3**
- FREN 2020 - Intermediate French II **3**

Total Hours 6

Upper Division Courses

- FREN 3040 - Study Abroad **6 to 8**
- FREN 3210 - Advanced Composition in French **3**
- FREN 3220 - Phonetics and Conversation in French **3**
- FREN 3320 - French and Francophone Civilization **3**
- LING 4400 - Teaching Foreign Languages in Secondary School **3**
- LING 4510 - Capstone Seminar in Foreign Languages **1**

Select three (3) courses from the list below

- 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 31-33

Additional Requirements

- GERM 1010 - Elementary German I **3**

- GERM 1020 - Elementary German II **3**
  or
- GERM 2010 - Intermediate German I **3**
- GERM 2020 - Intermediate German II **3**
  or
- GREK 1010 - Elementary Greek I **3**
- GREK 1020 - Elementary Greek II **3**
  or
- GREK 2010 - Intermediate Greek I **3**
- GREK 2020 - Intermediate Greek II **3**
  or
- LATN 1010 - Elementary Latin I **3**
- LATN 1020 - Elementary Latin II **3**
  or
- LATN 2010 - Intermediate Latin I **3**
- LATN 2020 - Intermediate Latin II **3**
  or
- SPAN 1010 - Elementary Spanish I **3**
- SPAN 1020 - Elementary Spanish II **3**
  or
- SPAN 2010 - Intermediate Spanish I **3**
- SPAN 2020 - Intermediate Spanish II **3**

Total Hours 6-8

Minor

Students will need to declare the Professional Education for Secondary and K-12 Minor.

Total Program Hours 120

German with Licensure Concentration

Study Abroad Requirements-Students seeking licensure for teaching grades 7-12 in Tennessee must also take one study abroad course - GERM 3040 (6-8) for German licensure or present evidence of acceptable intensive experience abroad in the target language. In case GERM 3040 is completed it can substitute for two equivalent GERM 2000 or 3000 level courses. Therefore, the Study Abroad Requirement does not add credit hours to the total hours required by the major.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Lower Division Courses

- 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**
- LING 4510 - Capstone Seminar in Foreign Languages **1**

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**

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**

Total Hours 19

Foreign Language Sequence

- FREN 1010 - Elementary French I **3**
- FREN 1020 - Elementary French II **3**

or

- FREN 2010 - Intermediate French I **3**
- FREN 2020 - Intermediate French II **3**

or

- LATN 1010 - Elementary Latin I **3**
- LATN 1020 - Elementary Latin II **3**

or

- LATN 2010 - Intermediate Latin I **3**
- LATN 2020 - Intermediate Latin II **3**

or

- SPAN 1010 - Elementary Spanish I **3**
- SPAN 1020 - Elementary Spanish II **3**

or

- SPAN 2010 - Intermediate Spanish I **3**
- SPAN 2020 - Intermediate Spanish II **3**

Total Hours 6-8

Minor

Students will need to declare the Professional Education Minor for Secondary and K-12 Education

Total Program Hours 120

Latin with Licensure Concentration

Students seeking licensure for teaching grades 7-12 in Tennessee must also take LING 4400 and one study abroad course or present evidence of an acceptable intensive experience abroad in the target language.

This program satisfies Tennessee guidelines for secondary school licensure. Students seeking licensure, 7-12 for teaching in Tennessee, must also complete the Professional Education Minor, LING 4400, Student Teaching, the PRAXIS II 7-12 teaching exam (code 20624, minimum score 155), the PRAXIS II Latin specialty exam (code 10601, minimum score of 141) and take one-year of Greek, Chinese, French German or Spanish (6-8 hours). Transfer students must earn at least six (6) hours in Latin at APSU.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages **1**

Total Hours 1

Lower Division Courses

- LATN 2010 - Intermediate Latin I **3**
- LATN 2020 - Intermediate Latin II **3**

Total Hours 6

Upper Division Courses

- CLAS 3620 - Roman Civilization **3**
- CLAS 3310 - Greek Mythology **3**
- CLAS 3420 - Roman Archaeology **3**
- HIST 4052 - Ancient Rome **3**
- LATN 4210 - Latin Prose Composition **3**
- LING 4400 - Teaching Foreign Languages in Secondary School **3**

Select two (2) courses from the list below

- LATN 3510 - Latin Historians **3**
- LATN 3610 - Latin Drama **3**
- LATN 3620 - Latin Letters **3**
- LATN 3710 - Latin Lyric Poetry **3**
- LATN 3810 - Latin Rhetoric **3**
- LATN 4300 - The Roman Novel **3**
- LATN 4310 - Medieval Latin **3**
- LATN 4410 - Latin Satire **3**
- LATN 4900 - Independent Study in Latin **3**

Total hours 24

Foreign Language Sequence

- CHIN 1010 - Elementary Chinese I **4**
- CHIN 1020 - Elementary Chinese II **4**

  or
- CHIN 2010 - Intermediate Chinese I **3**
- CHIN 2020 - Intermediate Chinese II **3**

  or
- FREN 1010 - Elementary French I **3**
- FREN 1020 - Elementary French II **3**

  or
- FREN 2010 - Intermediate French I **3**
- FREN 2020 - Intermediate French II **3**

  or
- GERM 1010 - Elementary German I **3**
- GERM 1020 - Elementary German II **3**

  or
- GERM 2010 - Intermediate German I **3**
- GERM 2020 - Intermediate German II **3**

  or
- GREK 1010 - Elementary Greek I **3**
- GREK 1020 - Elementary Greek II **3**

  or
- GREK 2010 - Intermediate Greek I **3**
- GREK 2020 - Intermediate Greek II **3**

  or
- SPAN 1010 - Elementary Spanish I **3**
- SPAN 1020 - Elementary Spanish II **3**

  or
- SPAN 2010 - Intermediate Spanish I **3**
- SPAN 2020 - Intermediate Spanish II **3**

Total Hours 6-8

Minor

Students will need to declare the Professional Education Minor for Secondary and K-12 Education

Total Program Hours 120

Spanish with Licensure Concentration

This program satisfies Tennessee guidelines for secondary school licensure.

Students seeking licensure, 7-12 for teaching in Tennessee, must also complete the Professional Education Minor, LING 4400, and one study abroad course from SPAN 304A (6-8) or SPAN 304B (6-8) for Spanish licensure or present evidence of an acceptable intensive experience abroad in the target language. In case SPAN 304A or SPAN 304B is completed it can substitute for two equivalent Spanish courses. Therefore,the Study Abroad Requirement does not add credit hours to the total hours required by the major. Students must also do Student Teaching and pass the PRAXIS II Spanish specialty exam (code 191, minimum score of 152; and code 192, minimum score of 154). Transfer students must earn at least six (6) hours in Spanish at APSU.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages **1**

Total Hours 1

Upper Division Courses

- LING 4400 - Teaching Foreign Languages in Secondary School **3**
- LING 4510 - Capstone Seminar in Foreign Languages **1**
- SPAN 3210 - Advanced Composition **3**
- SPAN 3220 - Phonetics and Conversation in Spanish **3**
- SPAN 3310 - Introduction to Hispanic Linguistics **3**
- SPAN 3510 - Spanish Civilization I **3**
- SPAN 3520 - Spanish Civilization II **3**
- SPAN 3610 - Spanish American Civilization I **3**
- SPAN 3620 - Spanish American Civilization II **3**
- SPAN 4320 - Sociolinguistics and Dialectology of Spanish **3**
- SPAN 4510 - Survey of Spanish Peninsular Literature I **3**
- SPAN 4520 - Survey of Spanish Peninsular Literature II **3**
- SPAN 4610 - Survey of Spanish American Literature I **3**
- SPAN 4620 - Survey of Spanish American Literature II **3**

Select one (1) Course from the list below

- SPAN 304A - Study Abroad - Latin America **6 to 8**
- SPAN 304B - Study Abroad Program in Spanish: Spain and Spanish-America **6 to 8**

Total Hours 45-47

Minor

Students will need to declare the Professional Education Minor for Secondary and K-12 Education

Total Program Hours 120

Foreign Languages (B.A.)

College of Arts and Letters

Department of Languages and Literature

Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/for/foreign.htm

Description of Major

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

Students seeking licensure for teaching grades 7-12 in Tennessee must also take LING 4400 and one study abroad course from SPAN 304A or SPAN 304B for Spanish licensure; FREN 3040 for French licensure; or GERM 3040 for German licensure; or present evidence of an acceptable intensive experience abroad in the target language. Students must also complete the Professional Education minor and Student Teaching. Teacher licensure for grades 7-12 is available in French, German, Spanish, and Latin through concentrations and specializations in the Foreign Languages major. Foreign language majors who transfer from other colleges and universities must earn at least six (7) hours of coursework in each of the two foreign languages taken at Austin Peay.

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

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Classics Concentration
- French Concentration
- German Concentration
- Greek Concentration
- Latin Concentration
- Spanish Concentration

Classics Concentration

The following courses are required for the B.A. in Foreign Languages with a Concentration in Classics. The major consists of 36 hours of coursework.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages **1**

Total Hours 1

Lower Division Courses

- GREK 2010 - Intermediate Greek I **3**
- GREK 2020 - Intermediate Greek II **3**
- LATN 2010 - Intermediate Latin I **3**
- LATN 2020 - Intermediate Latin II **3**

Total Hours 12

Upper Division Courses

Select three (3) courses from the list below

- GREK 3520 - Koine Greek **3**
- GREK 3610 - Greek Drama **3**

- GREK 3620 - Greek Philosophers **3**
- GREK 3710 - Greek Lyric Poetry **3**
- GREK 3720 - Greek Epic Poetry **3**
- GREK 3810 - Greek Rhetoric **3**
- GREK 3910 - Hellenistic Prose **3**
- GREK 4210 - Greek Prose Composition **3**
- GREK 4900 - Independent Study in Greek **3**
- LATN 3510 - Latin Historians **3**
- LATN 3610 - Latin Drama **3**
- LATN 3620 - Latin Letters **3**
- LATN 3710 - Latin Lyric Poetry **3**
- LATN 3720 - Later Latin Epic **3**
- LATN 3810 - Latin Rhetoric **3**
- LATN 4210 - Latin Prose Composition **3**
- LATN 4300 - The Roman Novel **3**
- LATN 4310 - Medieval Latin **3**
- LATN 4410 - Latin Satire **3**
- LATN 4900 - Independent Study in Latin **3**

Total Hours 9

Concentration Guided Electives

Select five (5) courses from the list below

- ART 2010 - Art History, Survey I **3**
- CLAS 3210 - Greek Literature in Translation **3**
- CLAS 3220 - Latin Literature in Translation **3**
- CLAS 3240 - The Classical Tradition in English Poetry **3**
- CLAS 3310 - Greek Mythology **3**
- CLAS 3400 - Greek Archaeology **3**
- CLAS 3410 - Greek and Roman Religion **3**
- CLAS 3420 - Roman Archaeology **3**
- CLAS 3510 - Sport in the Ancient World **3**
- CLAS 3520 - Women in Antiquity **3**
- CLAS 3610 - Greek Civilization **3**
- CLAS 4900 - Topics in Classical Studies **3**
- GREK 1110 - Elementary Modern Greek **4**
- HIST 4051 - Ancient Greece **3**
- HIST 4052 - Ancient Rome **3**
- HIST 4071 - The Early Middle Ages **3**

Total Hours 15

Minor

There is no specific minor required for the Bachelor's in Foreign Language but a minor is required.

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages **1**

Total Hours 1

Lower Division Courses

- FREN 2010 - Intermediate French I **3**
- FREN 2020 - Intermediate French II **3**

Complete a two (2) semester sequence of Foreign language excluding French

- Foreign Language 1010/1020
  or
- Foreign Language 2010/2020

Total Hours 12-14

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 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages **1**

Total Hours 1

Lower Division Courses

- 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**

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**

Total Hours 18

Foreign Language Sequence

- FREN 1010 - Elementary French I **3**
- FREN 1020 - Elementary French II **3**

or

- FREN 2010 - Intermediate French I **3**
- FREN 2020 - Intermediate French II **3**

or

- LATN 1010 - Elementary Latin I **3**
- LATN 1020 - Elementary Latin II **3**

or

- LATN 2010 - Intermediate Latin I **3**
- LATN 2020 - Intermediate Latin II **3**

or

- SPAN 1010 - Elementary Spanish I **3**
- SPAN 1020 - Elementary Spanish II **3**

or

- SPAN 2010 - Intermediate Spanish I **3**
- SPAN 2020 - Intermediate Spanish II **3**

Total Hours 6-8

Minor

There is no specific minor required for the Bachelor's in Foreign Language but a minor is required.

Total Program Hours 120

Greek Concentration

The following courses are required for the B.A. in Foreign Languages with a Concentration inGreek.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages **1**

Total Hours 1

Lower Division Courses

- GREK 2010 - Intermediate Greek I **3**
- GREK 2020 - Intermediate Greek II **3**

Total Hours 6

Upper Division Courses

Select three (3) courses from the list below

- GREK 3510 - Greek Historians **3**
- GREK 3520 - Koine Greek **3**
- GREK 3610 - Greek Drama **3**
- GREK 3620 - Greek Philosophers **3**
- GREK 3710 - Greek Lyric Poetry **3**
- GREK 3720 - Greek Epic Poetry **3**
- GREK 3810 - Greek Rhetoric **3**
- GREK 3910 - Hellenistic Prose **3**
- GREK 4210 - Greek Prose Composition **3**

Select four (4) courses from the list below

- ART 2010 - Art History, Survey I **3**
- CLAS 3210 - Greek Literature in Translation **3**
- CLAS 3220 - Latin Literature in Translation **3**
- CLAS 3240 - The Classical Tradition in English Poetry **3**
- CLAS 3310 - Greek Mythology **3**
- CLAS 3400 - Greek Archaeology **3**
- CLAS 3410 - Greek and Roman Religion **3**
- CLAS 3420 - Roman Archaeology **3**
- CLAS 3510 - Sport in the Ancient World **3**
- CLAS 3520 - Women in Antiquity **3**
- CLAS 3610 - Greek Civilization **3**
- CLAS 3620 - Roman Civilization **3**
- CLAS 4900 - Topics in Classical Studies **3**
- GREK 1110 - Elementary Modern Greek **4**
- HIST 4051 - Ancient Greece **3**
- HIST 4071 - The Early Middle Ages **3**
- PHIL 3100 - Ancient Philosophy **3**

Total Hours 21-22

Minor

There is no specific minor required for the Bachelor's in Foreign Language but a minor is required.

Total Program Hours 120

Latin Concentration

The following courses are required for the B.A. in Foreign Languages with a Concentration in Latin.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages **1**

Total Hours 1

Lower Division Courses

- LATN 2010 - Intermediate Latin I **3**
- LATN 2020 - Intermediate Latin II **3**

Total Hours 6

Upper Division Courses

Select three (3) courses from the list below

- LATN 3510 - Latin Historians **3**
- LATN 3610 - Latin Drama **3**
- LATN 3620 - Latin Letters **3**
- LATN 3710 - Latin Lyric Poetry **3**
- LATN 3720 - Later Latin Epic **3**
- LATN 3810 - Latin Rhetoric **3**
- LATN 4210 - Latin Prose Composition **3**
- LATN 4300 - The Roman Novel **3**
- LATN 4310 - Medieval Latin **3**
- LATN 4410 - Latin Satire **3**
- LATN 4900 - Independent Study in Latin **3**

Select four (4) courses from the list below

- CLAS 3210 - Greek Literature in Translation **3**
- CLAS 3220 - Latin Literature in Translation **3**
- CLAS 3240 - The Classical Tradition in English Poetry **3**
- CLAS 3400 - Greek Archaeology **3**
- CLAS 3420 - Roman Archaeology **3**
- CLAS 3510 - Sport in the Ancient World **3**
- CLAS 3520 - Women in Antiquity **3**
- CLAS 3610 - Greek Civilization **3**
- CLAS 3620 - Roman Civilization **3**
- CLAS 4900 - Topics in Classical Studies **3**
- HIST 4052 - Ancient Rome **3**
- HIST 4071 - The Early Middle Ages **3**
- PHIL 3100 - Ancient Philosophy **3**

Total Hours 21

Foreign Language Sequence

- CHIN 1010 - Elementary Chinese I **4**
- CHIN 1020 - Elementary Chinese II **4**

  or
- CHIN 2010 - Intermediate Chinese I **3**
- CHIN 2020 - Intermediate Chinese II **3**

  or
- FREN 1010 - Elementary French I **3**
- FREN 1020 - Elementary French II **3**

  or
- FREN 2010 - Intermediate French I **3**
- FREN 2020 - Intermediate French II **3**

  or
- GERM 1010 - Elementary German I **3**
- GERM 1020 - Elementary German II **3**

  or
- GERM 2010 - Intermediate German I **3**
- GERM 2020 - Intermediate German II **3**

  or
- GREK 1010 - Elementary Greek I **3**
- GREK 1020 - Elementary Greek II **3**

  or
- GREK 2010 - Intermediate Greek I **3**
- GREK 2020 - Intermediate Greek II **3**

  or

- SPAN 1010 - Elementary Spanish I **3**
- SPAN 1020 - Elementary Spanish II **3**
  or
- SPAN 2010 - Intermediate Spanish I **3**
- SPAN 2020 - Intermediate Spanish II **3**

Total Hours 6-8

Minor

There is no specific minor required for the Bachelor's in Foreign Language but a minor is required.

Total Program Hours 120

Spanish Concentration

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

- LING 4510 - Capstone Seminar in Foreign Languages **1**

Total Hours 1

Upper Division Courses

- SPAN 3210 - Advanced Composition **3**
- SPAN 3220 - Phonetics and Conversation in Spanish **3**
- SPAN 3310 - Introduction to Hispanic Linguistics **3**
- SPAN 3510 - Spanish Civilization I **3**
- SPAN 3520 - Spanish Civilization II **3**
- SPAN 3610 - Spanish American Civilization I **3**
- SPAN 3620 - Spanish American Civilization II **3**
- SPAN 4320 - Sociolinguistics and Dialectology of Spanish **3**
- SPAN 4510 - Survey of Spanish Peninsular Literature I **3**
- SPAN 4520 - Survey of Spanish Peninsular Literature II **3**
- SPAN 4610 - Survey of Spanish American Literature I **3**
- SPAN 4620 - Survey of Spanish American Literature II **3**

Total Hours 36

Foreign Language Sequence

- FREN 1010 - Elementary French I **3**
- FREN 1020 - Elementary French II **3**
  or
- FREN 2010 - Intermediate French I **3**
- FREN 2020 - Intermediate French II **3**
  or
- GERM 1010 - Elementary German I **3**
- GERM 1020 - Elementary German II **3**
  or
- GERM 2010 - Intermediate German I **3**
- GERM 2020 - Intermediate German II **3**
  or
- GREK 1010 - Elementary Greek I **3**
- GREK 1020 - Elementary Greek II **3**
  or
- GREK 2010 - Intermediate Greek I **3**
- GREK 2020 - Intermediate Greek II **3**

or

- LATN 1010 - Elementary Latin I **3**
- LATN 1020 - Elementary Latin II **3**

or

- LATN 2010 - Intermediate Latin I **3**
- LATN 2020 - Intermediate Latin II **3**

Total Hours 6-8

Minor

There is no specific minor required for the Bachelor's in Foreign Language but a minor is required.

Total Program Hours 120

Minors (non-degree)

African American Studies Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

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.

Required Courses

Lower Division Courses

- AAST 2200 - Introduction African American Studies **3**

Total Hours 3

Upper Division Courses

- DIVR 4020 - Capstone Seminar in Social Justice **3**
- ENGL 340G - Critical Studies: African American Literature **3**
- Women Studies - any three (3) credit course with approval of AAST Coordinator 3

  NOTE: 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 African American Studies Coordinator.

Total Hours 9

Electives

Select two (2) courses from the list below

- AAST 2000 - Contemporary African American Life **3**
- AAST 2250 - African American Expressive Culture **3**
- AAST 2500 - Africana Women Across Cultures **3**
- AAST 2800 - Introduction to Black Women Writers **3**
- AAST 300A - Selected Topics in African American Studies **3**
- AAST 300B - Selected Topics in African American Studies **3**
- AAST 300C - Selected Topics in African American Studies **3**
- AAST 3020 - Seminar in African American Studies **1 to 6**
- AAST 3100 - Black Leaders of the 20th Century
- AAST 3200 - Study Abroad Ghana, West Africa **6**

- AAST 3400 - Blacks, Film, and Society **3**
- AAST 3450 - Literature of the Black Power Movement **3**
- AAST 3500 - Race, Gender and Sexuality **3**
- AAST 4050 - The Social Meaning of Race **3**
- DANC 1700 - Hip Hop Dance I **2**
- ENGL 340H - African Writers **3**
- ENGL 340R - Century's End: Race and Gender at the Turn of the Twentieth Century **3**
- HIST 3440 - Africa to 1800 **3**
- HIST 4640 - The Black Atlantic **3**
- HIST 4655 - Black Women and Men at Work **3**
- HIST 4652 - Slavery in World History **3**
- HIST 4101 - History of African American Religion **3**
- HIST 4650 - African American History to 1890 **3**
- HIST 4660 - African American History Since 1890 **3**
- PSYC 3230 - African American Psychology **3**
- SOC 3020 - African American Families **3**
- SOC 3050 - Race and Ethnicity in a Multicultural Society **3**

Total Hours 6

Total Hours 18

Classical Civilization Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Required Courses

Select two (2) courses from the list below

- GREK 1010 - Elementary Greek I **3**
- GREK 1020 - Elementary Greek II **3**
- GREK 2010 - Intermediate Greek I **3**
- GREK 2020 - Intermediate Greek II **3**
- LATN 1010 - Elementary Latin I **3**
- LATN 1020 - Elementary Latin II **3**
- LATN 2010 - Intermediate Latin I **3**
- LATN 2020 - Intermediate Latin II **3**
- Any GREK or LATN 3000 or 4000 level courses

Select four (4) courses from the list below

- ART 2010 - Art History, Survey I **3**
- CLAS 3000 series 3 each
- 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 18-20

Classical Language Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Required Courses

Select four (4) courses from the list below

- GREK 1010 - Elementary Greek I **3**
- GREK 1020 - Elementary Greek II **3**
- GREK 2010 - Intermediate Greek I **3**
- GREK 2020 - Intermediate Greek II **3**
- LATN 1010 - Elementary Latin I **3**
- LATN 1020 - Elementary 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

Select two (2) courses from the list below

- ART 2010 - Art History, Survey I **3**
- CLAS 3000 series level course 3 each
- 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 18-22

Creative Writing Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Required Courses

Lower Division Courses

- ENGL 2200 - Introduction to Creative Writing: Poetry and Fiction **3**

Total Hours 3

Upper Division Courses

- 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 4300 - Literary Writers' Marketplace **3**
- ENGL 4900 - Playwriting **3**

- ENGL 4950 - Advanced Playwriting **3**
- One (1) course may be taken from another writing minor. Courses taken for this minor may not be applied to the English major.

Total Hours 15

English Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Required Courses

- ENGL 3100 - Studies in British Literature I **3**
- ENGL 3130 - Studies in British Literature II **3**

Select one (1) course from the list below

- ENGL 3010 - Studies in American Literature I **3**
- ENGL 3020 - Studies in American Literature II **3**

and

- Four (4) upper division English or Linguistics courses approved by the department

Total Hours 21

English Writing Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Required Courses

Complete six (6) courses from:

- ENGL 1100 - Technical and Report Writing **3**
- ENGL 2200 - Introduction to Creative Writing: Poetry and Fiction **3**
- ENGL 3200 - Expository Writing **3**
- ENGL 3210 - Writing Fiction **3**
- ENGL 3220 - Writing Poetry **3**
- ENGL 3500 - Advanced Technical Writing **3**
- ENGL 3510 - Technical Report Writing **3**
- ENGL 4230 - Writing Workshop: Creative Nonfiction **3**
- ENGL 4210 - Writing Workshop: Fiction **3**
- ENGL 4220 - Writing Workshop: Poetry **3**
- LING 4010 - History of the English Language **3**
- LING 4040 - How Language Works **3**

  or

  One (1) course from another writing minor.

  Note: Courses taken for this minor may not be applied to the English major.

Total Hours 18

Film Studies Minor

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 designed to examine and apply the terms and concepts of film appreciation, theory and criticism. Students who take this minor will receive an understanding of films from several different cultures and gain an ability to analyze films in technical, theoretical and cultural terms. The following courses are either in the catalog or in the proposal phase.

Required Courses

- ENGL 2070 - Introduction to Film Studies **3**
- ENGL 460K - History of Film **3**

Total Hours 6

Electives

Select twelve (12) credit hours from the list below

- AAST 3400 - Blacks, Film, and Society **3**
- COMM 3950 - Methods of Film Analysis **3**
- COMM 4960 - Film Scriptwriting **3**
- ENGL 2070 - Introduction to Film Studies **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**
- THEA 460B - Special Topics in Theatre Arts **3**
- WGS 3070 - Women and 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/

Required Courses

- 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**

Select three (3) courses from the list below

- 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 21

German Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

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**

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**

Total Hours 18

Greek Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Required Courses

- GREK 1010 - Elementary Greek I **3**
- GREK 1020 - Elementary Greek II **3**
- GREK 2010 - Intermediate Greek I **3**
- GREK 2020 - Intermediate Greek II **3**
  or
  any GREK 3000-4999 level courses

Select two (2) courses from the list below

- ART 2010 - Art History, Survey I **3**
- CLAS 3000 series **3**
- 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 18-20

International Studies Minor

College of Arts and Letters
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.

Requirements: 18 Credit Hours

- INTS 2000 - Introduction International Studies or
- POLS 2070 - International Politics **3**

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 Regional Geography I **3**
- GEOG 1045 - World Regional Geography 2 **3**
- GEOG 3110 - Geography of the United States and Canada **3**
- GEOG 3750 - Geography of the African World **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 4076 - The Modern Middle East **3**
- HIST 4083 - History of Modern Korea **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 - Comparative World Religions **3**
- PHIL 380B - Islam as a World View **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 4170 - Power, Morality, International Relations **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**
- SPAN 3220 - Phonetics and Conversation in Spanish **3**

- SPAN 3410 - Business Spanish **3**
- SOC 3750 - Population Dynamics **3**
- SPAN 3520 - Spanish Civilization II **3**
- SPAN 3620 - Spanish American Civilization II **3**

Additional Requirements: 3-6 Credit Hours

Three to six (3-6) semester hours of study abroad are required for the international studies minor. These hours areapplied 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**
- SPAN 304B - Study Abroad Program in Spanish: Spain and Spanish-America **6 to 8**

Latin American Studies Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

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 departments of History and Philosophy, Languages and Literature, and Political Science.

Required Courses

- HIST 4069 - Colonial Latin America **3**
- HIST 4070 - Modern Latin America **3**
- POLS 3140 - Latin American Politics **3**
- POLS 451A - Selected Topics in Political Science **3**

Select two (2) courss from the list below

- ART 324X - Special Topics in Art History **3**
- GEOG 1035 - World Regional Geography I **3**
- HIST 4910 - History Abroad **3 to 6**
- SPAN 3400 - Special Topics: Language **3**
- SPAN 3610 - Spanish American Civilization I **3**
- SPAN 3620 - Spanish American Civilization II **3**
- SPAN 304A - Study Abroad - Latin America **6 to 8**

Total Hours 18

Latin Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Required Courses

- LATN 1010 - Elementary Latin I **3**
- LATN 1020 - Elementary Latin II **3**

- LATN 2010 - Intermediate Latin I **3**
- LATN 2020 - Intermediate Latin II **3**
  or
- any of the LATN 3000 or 4000 level courses

Select two (2) courses from the list below

- ART 2010 - Art History, Survey I **3**
- CLAS 3000 series 3 ea
- 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 18-20

Linguistics Minor

The Linguistics minor is designed to examine the structure and function of language as a cognitive and behavioral science. Students who take this minor will receive a theoretical understanding of the nature of language and the application of that theory to scholarly research, foreign languages, and English as a second or additional language.

Minor Requirements

Complete 18 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 4050 - English Grammar and Usage **3**
- LING 4060 - Survey of Early Germanic Languages **3**
- LING 4070 - Language, Culture and Identity **3**
- LING 4600 - Special Topics in Linguistics

Professional Writing Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Requirements: 18 Credit Hours

- ENGL 1100 - Technical and Report Writing **3**

Select five (5) courses below:

- 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

Spanish Minor

Department of Languages and Literature
Location: Harned Hall, 115
Phone: (931) 221-7891
Website: www.apsu.edu/langlit/

Required Courses

- 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**
- SPAN 3310 - Introduction to Hispanic Linguistics **3**

Select one (1) course from the list below

- SPAN 3510 - Spanish Civilization I **3**
- SPAN 3520 - Spanish Civilization II **3**

Select one (1) course from the list below

- SPAN 3610 - Spanish American Civilization I **3**
- SPAN 3620 - Spanish American Civilization II **3**

Total Hours 21

Women's and Gender Studies Minor

College of Arts & Letters
Location: Harned Hall, 144
Phone: 931-221-6314

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.

Required Courses

- WGS 2050 - Women and Culture: Introduction to Women's and Gender Studies
  or
  WGS 2060 - Introduction to LGBTQ Studies 3
- DIVR 4020 - Capstone Seminar in Social Justice **3**
- AAST - Any three (3) credit hours AAST course with approval of WGS Coordinator

Guided Electives

Select nine (9) credit hours below:

- AAST 2500 - Africana Women Across Cultures **3**
- BIOL 3200 - Women and Science **3**
- CHEM 3040 - Scientific Perspectives on Women's Wellness **3**
- CLAS 3520 - Women in Antiquity **3**
- COMM 4450 - Mass Media and Women **3**
- COMM 4470 - Race, Gender, and Mass Media **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 4670 - Women in American History **3**
- HHP 3410 - Health Disparities **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**
- THEA 4700 - Topics in Women's Theatre **3**
- WGS 300A,B,C - Selected Topics in Women's and Gender Studies
- WGS 3050 - Women in the Arts
- WGS 3060 - Vagina Monologues
- WGS 3070 - Women and Film **3**
- WGS 3080 - Women's and Gender Studies Practicum
- WGS 4030 - Independent Study

Note

*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 as approved by the coordinator.

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/mus

Accreditations

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. 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.

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 Minor: All incoming music minors are required to take the Music Skills Assessment (MSA). The MSA should be taken during summer orientation (Govs 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.

Specific audition requirements can be found at the following URL: http://www.apsu.edu/music/auditions

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 Ensemble
Woodwind, Brass & Precussion	Determined by Audition • Wind Ensemble [or] • Symphonic Band
Orchestral Strings	Orchestra
Guitar	Guitar Ensemble
Keyboard	see below
Voice	Determined by Audition • University Choir (Soprano/Alto) • Governor's Singers (Tenor/Bass) [or] • Chamber Singers (SATB)

Ensemble requirements for Piano Majors

Bachelor of Music: Instrumental / K-12 General Music Education Concentration

Four semesters of instrumental ensembles:

- Two semesters of Marching Band, (one credit)
- Two semesters chosen from Symphonic Band, Wind Ensemble, Jazz Combo, Orchestra
- Three semesters of Piano Ensemble (currently listed as Chamber Ensemble)

Bachelor of Music: Choral / K-12 General Music Education Concentration

- Four semesters of appropriate choral ensembles chosen from Governor's Singers, Chamber Singers, University Choir
- Three semesters of Piano Ensemble (currently listed as Chamber Ensemble)

<u>BM Performance Concentrations</u>

- One semester of a vocal or instrumental ensemble
- Seven semesters Piano Ensemble (currently listed as Chamber Ensemble)

BA/BS Music / Liberal Studies Concentration

- One semester of a vocal or instrumental ensemble
- Seven semesters Piano Ensemble (currently listed as Chamber Ensemble)

Marching Band Requirements: Music Education majors (woodwind, percussion & brass) are required to participate in two fall semesters of 0-credit Marching Band (usually in the freshman and sophomore years). Additional (elective) semesters of marching band for music education majors will be 1-credit, and the student will receive an athletic band scholarship for participation. Students in all other music majors, as well as non-music majors, must always 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 the Music 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 intermediate foreign language.

Bachelor of Arts
Music (B.A.)

College of Arts and Letters

Department of Music

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. 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 thedepartment, 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 coursesequence. Specific audition requirements can be found at the following URL: http://www.apsu.edu/music/auditions

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.

Music Minor - 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 must 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.

Specific audition requirements can be found at the following URL: http://www.apsu.edu/music/auditions

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 (Soprano / Alto) • Governor's Singers (Tenor / Bass) [or] • Chamber Singers (SATB)
Keyboard	Instrumental/K-12 General Music Concentration (Four semesters of instrumental Ensembles) • Two semesters of Marching Band (one credit) • Two semesters chosen from Symphonic Band, Wind Ensemble,Jazz Combo, or Orchestra • Three semesters of Piano Ensemble (currently listed as ChamberEnsemble) Choral/K-12 General Music concentration • Four semesters of appropriate choral ensembles chosen fromGovernor's Singers, Chamber Singers, or University Choir • Three semesters of Piano Ensemble (currently listed as ChamberEnsemble) Performance concentration • One semester of vocal or instrumental ensemble • Seven semesters of Piano Ensemble (currently listed as ChamberEnsemble) Liberal Studies Concentration • One semester of vocal or instrumental ensemble • Seven semesters of Piano Ensemble (currently listed as ChamberEnsemble)

Marching Band Requirements: Music Education majors (woodwind, percussion & brass) are required to participate in two fall semesters of 0-credit Marching Band (usually in the freshman and sophomore years). Additional (elective) semesters of marching band for music education majors will be 1-credit, and the student will receive an athletic band

scholarship for participation. Students in all other music majors, as well as non-music majors, must always 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 for 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 intermediate foreign language.

For information of careers available to students with degrees in music, see our Careers in Music web resource at the following URL: http://www.apsu.edu/music/careers-music-home

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1
Foreign Language	6

Concentrations

- Liberal Studies Concentration B.A.

Liberal Studies Concentration B.A.

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** All students must take this course for eight (8) semesters to meet program requirements
- MUS 1XXX- Appropriate Ensemble **4** (four semester of 1-credit major ensemble)
- 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**

Select one (1) course from the list below

- MUS 1027 - Class Piano I **1** (3 semesters x 1 credit hour) **3**
  or
  MUS 1100 Applied Piano LD **1 or 2** (3 semesters x 1 credit hour) **3**
  or
  MUS 1109 - Applied Piano 1/2 Hour **1** (3 semesters x 1 credit hour) **3**

Select one (1) course from the list below

- MUS 2030 - World Music **3**
  or
  MUS 1970 - Introduction to Music Literature **3**

Total Hours 30

Upper Division Courses

- MUS 3XXX- Applied Music - Individual Instruction **4** (four semesters of 1 credit lessons)
- MUS 3XXX- Ensemble **4** (four semesters of 1 credit major ensemble as appropriate to the applied area of study)
- 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**

Select one (1) course from the list below

- 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

- Must complete seven (7) hours of Music electives **7**

Total Hours 7

Foreign Language

- Intermediate Foreign Language 2010/2020 **6**

Total Hours 6

Minor

Students must complete a minor in another department, and must consult with department advisor for specificrequirements.

Total Program Hours 126

Bachelor of Music
Music (B.M.)

College of Arts and Letters

Department of Music

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. 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 thedepartment, 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 coursesequence. Specific audition requirements can be found at the following URL: http://www.apsu.edu/music/auditions

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.

Music Minor - All incoming music minors are required to take the Music Skills Assessment (MSA). The MSA should be taken during summer orientation (Govs 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 must 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.

Specific audition requirements can be found at the following URL: http://www.apsu.edu/music/auditions

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 (Soprano / Alto) • Governor's Singers (Tenor / Bass) [or] • Chamber Singers (SATB)
Keyboard	Instrumental/K-12 General Music Concentration(Four semesters of instrumental Ensembles) • Two semesters of Marching Band (one credit) • Two semesters chosen from Symphonic Band, Wind Ensemble, Jazz Combo, or Orchestra • Three semesters 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) Liberal Studies Concentration • One semester of vocal or instrumental ensemble • Seven semesters of Piano Ensemble (currently listed as Chamber Ensemble)

Marching Band Requirements: Music Education majors (woodwind, percussion & brass) are required to participate in two fall semesters of 0-credit Marching Band (usually in the freshman and sophomore years). Additional (elective) semesters of marching band for music education majors will be 1-credit, and the student will receive an athletic band scholarship for participation. Students in all other music majors, as well as non-music majors, must always 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 for 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 intermediate foreign language.

For information of careers available to students with degrees in music, see our Careers in Music web resource at the following URL: http://www.apsu.edu/music/careers-music-home

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- MUS 2030 - World Music **3** *
  **This is required for all concentrations except the Music Performance Concentration. This course also satisfies one of the Humanities Core.*

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.

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 21-25

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 123-127

Guitar Performance Concentration

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 tosatisfy 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 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 27-28

Free Electives

Students must complete one to two hours of elective credit.

Total Program Hours 120

Instrumental Performance Concentration

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 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 25

Free Electives

Students should complete one hour of elective credit.

Total Program Hours 120

Keyboard Performance Concentration

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 4330 - Music Before 1750 **3**

Complete one course from:

- MUS 4350 - Music after 1900 **3**
- MUS 4460 - Music of Many Cultures **3**

Total Hours 33

Total Program Hours 121

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

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 11

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 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 29

Additional Courses for Licensure

- 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 130

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

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 11

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**

Total Hours 7

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 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 31

Additional Courses for Licensure

- 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 129

Music Therapy Concentration

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 4 semesters)
- MUS 3XXX Appropriate level 3 large ensemble suitable to the performance medium (1 credit x 4 semesters)
- 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 20

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 2030 - World Music **3**
- MUS 2260 - Introduction to Music Therapy **3**
- MUS 2270 - Music Therapy Methods 1 **2**
- MUS 2275 - Music Therapy Practicum 1 **1**

Total Hours 13

Upper Division Courses

- MUS 3265 - Instrumental Methods for Children's Music **3**
- MUS 3270 - Music Therapy Methods 2 **2**
- MUS 3275 - Music Therapy Practicum 2 **1**
- MUS 3280 - Music Therapy Methods 3 **2**
- MUS 3285 - Music Therapy Practicum 3 **1**
- MUS 4200 - Music Therapy Research Methods **3**
- MUS 4425 - Composition and Improvisation for Music Therapy **3**
- MUS 4250 - Psychology of Music **3**
- MUS 4960 - Music Therapy Internship **2**
- PSYC 4360 - Abnormal Psychology **3**

Total Hours 23

Concentration Guided Electives

Complete five (5) hours from:

***Note:** Students with an instrumental emphasis are required to take MUS 1250

- MUS 1250 - Class Voice **1**
- MUS 2140 - Introduction to Jazz Harmony **2**
- MUS 2141 - Jazz Harmony Performance **1**
- MUS 2200 - Popular World Music **3**
- MUS 3890 - Brass Group Instruction **1**
- MUS 3900 - Percussion Group Instruction **1**
- MUS 4790 - Flute and Double Reed Group Instruction **1**
- MUS 4800 - Clarinet/Saxophone Group Instruction **1**
- SPED 2300 - Introduction to Special Education **3**
- RLTN 2050 - Medical Terminology **1**

Total Hours 5

Total Program Hours 124

Vocal Performance Concentration

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 **8** (2 languages, 4 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 22

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**

Total Hours 1

Total Program Hours 122

Bachelor of Science
Music (B.S.)

College of Arts and Letters

Department of Music

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. 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 thedepartment, 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 coursesequence. Specific audition requirements can be found at the following URL: http://www.apsu.edu/music/auditions

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.

Music Minor - 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 must 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.

Specific audition requirements can be found at the following URL: http://www.apsu.edu/music/auditions

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 (Soprano / Alto) • Governor's Singers (Tenor / Bass) [or] • Chamber Singers (SATB)
Keyboard	Instrumental/K-12 General Music Concentration (Four semesters of instrumental Ensembles) • Two semesters of Marching Band (one credit) • Two semesters chosen from Symphonic Band, Wind Ensemble, Jazz Combo, or Orchestra • Three semesters 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) Liberal Studies Concentration • One semester of vocal or instrumental ensemble • Seven semesters of Piano Ensemble (currently listed as Chamber Ensemble)

Marching Band Requirements: Music Education majors (woodwind, percussion & brass) are required to participate in two fall semesters of 0-credit Marching Band (usually in the freshman and sophomore years). Additional (elective) semesters of marching band for music education majors will be 1-credit, and the student will receive an athletic band scholarship for participation. Students in all other music majors, as well as non-music majors, must always 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 for 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 intermediate foreign language.

For information of careers available to students with degrees in music, see our Careers in Music web resource at the following URL: http://www.apsu.edu/music/careers-music-home

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Liberal Studies Concentration B.S.

Liberal Studies Concentration B.S.

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** All students must take this course for eight (8) semesters to meet program requirements
- MUS 1XXX- Appropriate Ensemble **4** (four semesters of 1-credit major ensemble)
- 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**

Select one (1) course from the list below

- MUS 1027 - Class Piano I **1** (3 semesters x 1 credit hour) **3**
  or
  MUS 1100 Applied Piano LD **1 or 2** (semesters x 1 credit hour) **3**
  or
  MUS 1109 - Applied Piano 1/2 Hour **1** (3 semesters x 1 credit hour) **3**

Select one (1) from the list below

- MUS 2030 - World Music **3**
  or

MUS 1970 - Introduction to Music Literature **3**

Total Hours 30

Upper Division Courses

- MUS 3XXX- Applied Music - Individual Instruction **4** (four semesters of 1 credit lessons)
- MUS 3XXX- Ensemble **4** (four semesters of 1 credit major ensemble as appropriate to the applied area of study)
- 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**

Select one (1) of the courses listed below

- 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

- Must complete seven (7) hours of Music electives **7**

Total Hours 7

Minors

Students must complete a minor in another department, and must consult with department advisor for specificrequirements.

Total Program Hours 120

Minors (non-degree)

Arts Entrepreneurship Minor

Department of Music
Location: Music/Mass Communication, 139
Phone: 931-221-7818; Fax 931-221-7529
Website: www.apsu.edu/mus

The Arts Entrepreneurship minor is designed for students interested in careers and entrepreneurial opportunities in the arts or in art-related fields. The courses required for the minor teach students how to create, fund, and operate artistic enterprises in both non-profit and for-profit environments. These required courses are complemented by an array of electives that allow students to tailor the minor 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.

This minor is a joint effort of the Center of Excellence for the Creative Arts, the Center for Entrepreneurship in the College of Business, and the College of Arts and Letters.

Required Courses

- CECA 3010 - Artists in the Community
- CECA 3050 - Funding Artistic Endeavors

Total Hours 6

Electives

Select 4 courses (12 hours) from at least 3 of the 6 areas outlined below. Two courses (6 hours)must be upper division.

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**
- COMM 3910 - Media Relations **3**
- 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 - Literary Writers' Marketplace **3**

Business/Marketing

- MT 2010 - Accounting Survey **3**
- ACCT 2010 - Principles of Accounting I **3**

Management

- MT 2050 - Principles of Management **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

Department of Music

Location: Music/Mass Communication Bldg, Room 139
Phone: 931-221-7818
Website: www.apsu.edu/music

Required Courses

- 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 1970 - Introduction to Music Literature **3**
- Appropriate Ensemble **4**
- Applied Music (individual instruction) **4** (4 semesters minimum in a single discipline)

Total Hours 19

Additional Information

Applied Music (individual instruction): 4 semesters minimum in a single discipline.Successful Music Minor hearing at the completion of the course work.

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

Bachelor of Arts

Theatre and Dance (B.A.)

College of Arts and Letters

Department of Theatre and Dance

Location: Trahern Bldg., Room 208
Phone: 931-221-6767
Website: www.apsu.edu/theatre-dance

Description of Major

The B.A. in Theatre and Dance is a Liberal Arts Degree. Each concentration in the B.A. Theatre and Dance degree program will consist of 36 hours in the major and is designed to be accompanied by a second major. 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, Acting/Directing, Dance and Musical Theatre students must submit the following:
  - Resume
  - Head shot
  - Two letters of recommendation

Concentrations

Acting and Directing Concentration
Theatre Design Concentration
Dance Concentration

Minors

Dance Minor
Theatre Minor

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

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Acting Concentration B.A.
- Dance Concentration B.A.
- Design Concentration B.A.

Acting Concentration B.A.

The B.A. in Theatre and Dance is a Liberal Arts Degree. Each concentration in the B.A. Theatre and Dance degree program will consist of 36 hours in the major and is designed to be accompanied by a second major or a 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, Acting/Directing, Dance and Musical Theatre students must submit the following: Resume Head shot Two letters of recommendation Concentrations Acting and Directing Concentration, Musical Theatre Concentration Theatre Design Concentration Dance Concentration Minors Dance Minor Theatre Minor More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Handbook: www.apsu.edu/theatre-dance.

Major Core Requirements

Lower Division Courses

- THEA 1300 - Acting I **3**
- THEA 1600 - Stagecraft I **3**

Total Hours 6

Upper Division Courses

- THDA 4520 - Careers **3**
- THDA 4995 - Senior Capstone **4**
- THDA 3800 - Theatre Production II **1**

Total Hours 8

Acting Concentration

Lower Division Courses

- THEA 2200 - Script Analysis **3**
- THEA 2300 - Acting II **3**
- THDA 2800 - Theatre Production I **1**

Total Hours 7

Upper Division Courses

- THEA 3010 - Theatre History I **3**
- THEA 3200 - Voice for the Actor **3**
- THEA 3400 - Directing I **3**

Total Hours 9

Concentration Guided Electives

Complete four (4) hours from:

- THEA 1500 - Stage Management **3**
- THEA 2350 - Stage Movement **3**
- THEA 2500 - Scene Study **3**
- THDA 2500 - Yoga for Performers **2**
- THDA 2880 - Performance Practicum I **1**
- THEA 3000 - Makeup Design I **3**
- THEA 3020 - Theatre History II **3**
- THEA 3080 - International Studies in Theatre I **3**
- THEA 3090 - International Studies in Theatre II **3**
- THEA 3300 - Classical Text and Performance **3**
- THEA 3341 - Private Half-hour Voice Elective **1**
- THEA 3370 - Stage Combat **3**
- THEA 3500 - Stage Dialects **3**
- THEA 3601 - Special Topics in Theatre **3**
- THEA 3700 - Scenic Design I **3**
- THEA 3710 - Sound Design **3**
- THDA 3880 - Performance Practicum II **1**
- THEA 3890 - Costume Design I **3**
- THEA 4001 - Makeup 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 440I - Internship in Theatre or Dance **1 to 12**
- THEA 4650 - Direction and 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**
- THDA 4550 - Roy Acuff Chair Seminar **2**

Complete two (2) credit hours from the following:

- DANC 1350 - Ballet I **2**
- DANC 1450 - Modern Dance I **2**
- DANC 1500 - Jazz Dance I **2**
- DANC 1900 - Tap Dance I **2**
- DANC 3250 - Dance for Musical Theatre **2**

Total Hours 6

Minor Required

Total Hours 18

Free Electives

Total Hours 24

Total Program Hours 120

Dance Concentration B.A.

The B.A. in Theatre and Dance is a Liberal Arts Degree. Each concentration in the B.A. Theatre and Dance 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, Acting/Directing, Dance and Musical Theatre students must submit the following: Resume Head shot Two letters of recommendation. More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Handbook: www.apsu.edu/theatre-dance.

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 I **3**

Total Hours 6

Upper Division Courses

- THDA 4520 - Careers **3**
- THDA 4995 - Senior Capstone **4**
- THDA 3800 - Theatre Production II **1**

Total Hours 8

Dance Concentration

Lower Division Courses

- THDA 2800 - Theatre Production I **1**

Complete four (4) credit hours from:

- DANC 1350 - Ballet I **2**
- DANC 1450 - Modern Dance I **2**
- DANC 1500 - Jazz Dance I **2**
- DANC 1900 - Tap Dance I **2**

Complete four (4) credit hours from:

- DANC 2355 - Ballet II **2**
- DANC 2450 - Modern Dance II **2**
- DANC 2500 - Jazz Dance II **2**
- DANC 2900 - Tap Dance II **2**

Total Hours 9

Upper Division Courses

- DANC 3040 - Dance History I **3**
- DANC 4040 - Dance History II **3**
- DANC 4200 - Dance Kinesiology **3**

Total Hours 9

Concentration Guided Electives

Complete four (4) credit hours from:

- DANC 1700 - Hip Hop Dance I **2**
- DANC 3250 - Dance for Musical Theatre **2**
- DANC 3350 - Ballet III **2**
- DANC 3400 - Dance Improvisation **3**
- DANC 3450 - Modern Dance III **2**
- DANC 3500 - Jazz Dance III **2**
- DANC 3800 - Dance Composition I **3**

- DANC 3900 - Tap Dance III **2**
- DANC 4300 - Dance Somatics **3**
- DANC 4350 - Ballet IV **2**
- DANC 4400 - Dance Composition II **3**
- DANC 4450 - Modern Dance IV **2**
- DANC 4550 - Jazz Dance IV **2**
- DANC 4600 - Special Topics in Dance **3**
- DANC 4650 - Independent Research **1 to 3**
- DANC 4750 - Directed Studies in Dance **1 to 3**
- DANC 4755 - Dance and Technology **3**
- DANC 4900 - Tap Dance IV **2**
- DANC 4950 - Choreography Practicum **2**
- THDA 2500 - Yoga for Performers **2**
- THDA 2880 - Performance Practicum I **1**
- THEA 3000 - Makeup Design I **3**
- THEA 3341 - Private Half-hour Voice Elective **1**
- THEA 3850 - Costume Construction **3**
- THDA 3880 - Performance Practicum II **1**
- THDA 440I - Internship in Theatre or Dance **1 to 12**
- THEA 4660 - Voice-Over Performance **3**

Total Hours 4

Minor Required

Total Hours 18

Free Electives

Total Hours 24

Total Program Hours 120

Design Concentration B.A.

The B.A. in Theatre and Dance is a Liberal Arts Degree. Each concentration in the B.A. Theatre and Dance degree program will consist of 36 hours in the major and is designed to be accompanied by a second major. 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, Acting/Directing, Dance and Musical Theatre 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 Handbook: www.apsu.edu/theatre-dance.

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 I **3**

Total Hours 6

Upper Division Courses

- THDA 4520 - Careers **3**
- THDA 4995 - Senior Capstone **4**
- THDA 3800 - Theatre Production II **1**

Total Hours 8

Design Concentration

Lower Division Courses

- THDA 2800 - Theatre Production I **1**
- THEA 1700 - Elements of Design/Rendering Techniques **3**
- THEA 2200 - Script Analysis **3**

Total Hours 7

Upper Division Courses

- THEA 3010 - Theatre History I **3**
- THEA 3750 - Scene Painting I **3**

Complete three (3) credit hours from the following:

- THEA 1900 - Drafting I **3**
- THEA 3000 - Makeup Design I **3**
- THEA 3700 - Scenic Design I **3**
- THEA 3890 - Costume Design I **3**
- THEA 4300 - Lighting Design I **3**

Complete three (3) credit hours from the following:

- THEA 3760 - Scene Design II **3**
- THEA 3900 - Drafting II **3**
- THEA 4001 - Makeup II **3**
- THEA 4790 - Lighting Design II **3**
- THEA 4890 - Costume Design II **3**

Total Hours 12

Concentration Guided Electives

Complete three (3) credit hours from the following:

- THEA 1500 - Stage Management **3**
- THEA 1900 - Drafting I **3**
- THEA 2100 - Property and Costume Crafts **3**
- THDA 2880 - Performance Practicum I **1**
- THEA 3000 - Makeup Design I **3**
- THEA 3020 - Theatre History II **3**
- THEA 3080 - International Studies in Theatre I **3**
- THEA 3090 - International Studies in Theatre II **3**
- THEA 3400 - Directing I **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 3850 - Costume Construction **3**
- THDA 3880 - Performance Practicum II **1**
- THEA 3890 - Costume Design I **3**
- THEA 4001 - Makeup II **3**
- THEA 4100 - Period Styles of Architecture **3**
- THEA 4150 - Period Styles of Costumes **3**
- THEA 4200 - Independent Research **1 to 3**

- THEA 4300 - Lighting Design I **3**
- THDA 440I - Internship in Theatre or Dance **1 to 12**
- THEA 4751 - Directed Studies in Theatre **1 to 3**
- THEA 4850 - Scene Painting II **3**
- DANC 3880 - Costuming for Dance **3**
- THDA 4550 - Roy Acuff Chair Seminar **2**

Total Hours 3

Minor Required

Total Hours 18

Free Electives

Total Hours 24

Total Program Hours 120

Bachelor of Fine Arts

Theatre and Dance (B.F.A.)

College of Arts and Letters

Department of Theatre and Dance

Location: Trahern Bldg., Room 208
Phone: 931-221-6767
Website: www.apsu.edu/theatre-dance

Description of Major

Entrance into the BFA Theatre/Dance program and scholarship consideration is by way of a successful audition and/or portfolio review and interview.

At the time of audition, Acting/Directing, Dance, and Musical Theatre students must submit:

- Resume
- Head shot
- 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 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
- Scholarships are only awarded to students who have been officially 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.

Most Theatre/Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of Theatre/Dance.

Production Audition Requirements:

- All BFA Acting/Directing students must audition for every main stage play or musical.
- All BFA Musical Theatre students must audition for every main stage play, musical or dance concert.
- All BFA Dance students must audition for every main stage musical or dance concert.
- All BFA Design students are encouraged to audition for main stage productions. (You will often be assigned to a production.)
- All BFA students must accept roles as cast or assigned! (Any exception to this must be approved by the Chair of the Department.)

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

See below for the current programs offered by the Department of Theatre and Dance.

Concentrations

- Acting and Directing Concentration
- Dance Concentration
- Musical Theatre Concentration
- Theatre Design Concentration

Minors

- Dance Minor
- Theatre Minor

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

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

Acting Concentration B.F.A

Entrance into the BFA Theatre/Dance 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: Resume Head shot 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 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 Scholarships are only awarded to students who have been officially 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. Most Theatre/Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of Theatre/Dance. Production Audition Requirements: All BFA Acting students must audition for every main stage play or musical. All BFA Musical Theatre students must audition for every main stage play, musical or dance concert. All BFA Dance students must audition for every main stage musical or dance concert. All BFA Design students are encouraged to audition for main stage productions. (You will often be assigned to a production.) All BFA students must accept roles as cast or assigned! (Any exception to this must be approved by the Chair of the Department.) Failure to fulfill these audition requirements will result in being placed on probation and may lead to dismissal from the program. See below for the current programs offeredby the Department of Theatre and Dance. Concentrations Acting Concentration, Dance Concentration, Musical Theatre

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

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**

Total Hours 3

Upper Division Courses

- THDA 4520 - Careers **3**
- THDA 4995 - Senior Capstone **4**
- THDA 3800 - Theatre Production II **1** (course should be completed twice)

Total Hours 9

Concentration Requirements

Lower Division Courses

- THDA 2800 - Theatre Production I **1**
- THDA 2880 - Performance Practicum I **1**
- THEA 2200 - Script Analysis **3**
- THEA 2300 - Acting II **3**
- THEA 2350 - Stage Movement **3**

Total Hours 11

Upper Division Courses

- THDA 3880 - Performance Practicum II **1**
- 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 3300 - Classical Text and Performance **3**
- THEA 3400 - Directing I **3**
- THEA 3500 - Stage Dialects **3**
- THEA 4350 - Acting Workshop **3** or THEA 4401 - Directing II **3**
- THEA 4900 - Playwriting **3**

Total Hours 28

Concentration Guided Electives

Complete twelve (12) 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**
- THEA 1500 - Stage Management **3**
- THEA 2500 - Scene Study **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 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**
- THEA 4650 - Direction and 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**

Complete six (6) credit hours from:

- DANC 1035 - Fundamentals of Dance **3**
- DANC 1350 - Ballet I **2**
- DANC 1450 - Modern Dance I **2**
- DANC 1500 - Jazz Dance I **2**
- DANC 1900 - Tap Dance I **2**
- DANC 3250 - Dance for Musical Theatre **2**

Complete three (3) credit hours from:

- THEA 3700 - Scenic Design I **3**
- THEA 3890 - Costume Design I **3**
- THEA 4300 - Lighting Design I **3**

Total Hours 21

Free Electives

Total Hours 6

Total Program Hours 120

Dance Concentration B.F.A.

Entrance into the BFA Theatre/Dance program and scholarship consideration is by way of a successful audition and/or portfolio review and interview. At the time of audition, Acting/Directing, Dance, and Musical Theatre students must submit: Resume Head shot 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 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 Scholarships are only awarded to students who have been officially 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. Most Theatre/Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of Theatre/Dance. Production Audition Requirements: All BFA Acting/Directing students must audition for every main stage play or musical. All BFA Musical Theatre students must audition for every main stage play, musical or dance concert. All BFA Dance students must audition for every main stage musical or dance concert. All BFA Design students are encouraged to audition for main stage productions. (You will often be assigned to a production.) All BFA students must accept roles as cast or assigned! (Any exception to this must be approved by the Chair of the Department.) 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 Handbook: www.apsu.edu/theatre-dance

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**

Total Hours 3

Upper Division Courses

- THDA 3800 - Theatre Production II **1** (should be completed twice)
- THDA 4520 - Careers **3**
- THDA 4995 - Senior Capstone **4**

Total Hours 9

Dance Concentration

Lower Division Courses

- DANC 1350 - Ballet I **2**
- DANC 1450 - Modern Dance I **2**
- DANC 1500 - Jazz Dance I **2**
- DANC 1900 - Tap Dance I **2**
- DANC 2300 - Music for the Dancer **3**
- DANC 2355 - Ballet II **2**
- DANC 2450 - Modern Dance II **2**
- DANC 2500 - Jazz Dance II **2**
- DANC 2900 - Tap Dance II **2**
- THDA 2800 - Theatre Production I **1**
- THEA 1600 - Stagecraft I **3**
- THDA 2880 - Performance Practicum I **1**

Total Hours 24

Upper Division Courses

- DANC 3040 - Dance History I **3**
- DANC 3400 - Dance Improvisation **3**
- DANC 3800 - Dance Composition I **3**
- DANC 3880 - Costuming for Dance **3**
- DANC 4040 - Dance History II **3**
- DANC 4200 - Dance Kinesiology **3**
- DANC 4300 - Dance Somatics **3**
- DANC 4400 - Dance Composition II **3**
- DANC 4500 - Theory and Practice of Teaching Dance **3**

Complete eight (8) credit hours from the following:

- DANC 3350 - Ballet III **2**
- DANC 3450 - Modern Dance III **2**
- DANC 3500 - Jazz Dance III **2**
- DANC 3900 - Tap Dance III **2**
- DANC 4350 - Ballet IV **2**

- DANC 4450 - Modern Dance IV **2**
- DANC 4550 - Jazz Dance IV **2**
- DANC 4600 - Special Topics in Dance **3**
- DANC 4900 - Tap Dance IV **2**

Total Hours 35

Guided Electives

Select six (6) credit hours from:

- DANC 1700 - Hip Hop Dance I **2**
- DANC 3250 - Dance for Musical Theatre **2**
- DANC 4650 - Independent Research **1 to 3**
- DANC 4750 - Directed Studies in Dance **1 to 3**
- DANC 4755 - Dance and Technology **3**
- DANC 4950 - Choreography Practicum **2**
- THDA 2500 - Yoga for Performers **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**
- THDA 440I - Internship in Theatre or Dance **1 to 12**
- THEA 4660 - Voice-Over Performance **3**
- THDA 4550 - Roy Acuff Chair Seminar **2**

Total Hours 6

General Electives

Total Hours 1

Total Program Hours 120

Design Concentration B.F.A.

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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**

Total Hours 3

Upper Division Courses

- THDA 3800 - Theatre Production II **1**
- THDA 4520 - Careers **3**
- THDA 4995 - Senior Capstone **4**

Total Hours 9

Design Concentration

Lower Division Courses

- THEA 1500 - Stage Management **3**
- THEA 1700 - Elements of Design/Rendering Techniques **3**
- THEA 1900 - Drafting I **3**
- THEA 2200 - Script Analysis **3**
- THDA 2800 - Theatre Production I **1**

Total Hours 16

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 3750 - Scene Painting I **3**

Total Hours 15

Additional Requirements

Complete six (6) credit hours from the following:

- THEA 3700 - Scenic Design I **3**
- THEA 3890 - Costume Design I **3**
- THEA 4300 - Lighting Design I **3**

Complete twenty-one (21) credit hours from the following:

- THEA 3550 - Stage Management II **3**
- THEA 3710 - Sound Design **3**
- THEA 3760 - Scene Design II **3**
- THEA 3850 - Costume Construction **3**
- THEA 3900 - Drafting II **3**
- THEA 4001 - Makeup II **3**
- THEA 4100 - Period Styles of Architecture **3**
- THEA 4150 - Period Styles of Costumes **3**
- THEA 4790 - Lighting Design II **3**
- THEA 4850 - Scene Painting II **3**
- THEA 4890 - Costume Design II **3**

Total Hours 27

Guided Electives

Complete nine (9) credit hours from the following:

- DANC 3880 - Costuming for Dance **3**
- THEA 2100 - Property and Costume Crafts **3**
- THDA 2880 - Performance Practicum I **1**
- THEA 3080 - International Studies in Theatre I **3**
- THEA 3090 - International Studies in Theatre II **3**
- THEA 3300 - Classical Text and Performance **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**
- THDA 3880 - Performance Practicum II **1**
- THEA 3890 - Costume Design I **3**
- THEA 4001 - Makeup 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 440I - Internship in Theatre or Dance **1 to 12**
- THEA 4650 - Direction and Performance for the Camera **3**
- THEA 4751 - Directed Studies in Theatre **1 to 3**
- THEA 4900 - Playwriting **3**
- THEA 4950 - Advanced Playwriting **3**
- THDA 4550 - Roy Acuff Chair Seminar **2**

Total Hours 9

Total Program Hours 120

Musical Theatre Concentration B.F.A.

College of Arts and Letters Department of Theatre and Dance
Location: Trahern Bldg., Room 224
Phone: 931-221-6767
Website: www.apsu.edu/theatre-dance

Description of Major

Entrance into the BFA Theatre/Dance program and scholarship consideration is by way of a successful audition and/or portfolio review and interview. At the time of audition, Acting/Directing, Dance, and Musical Theatre students must submit: Resume Head shot 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 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 Scholarships are only awarded to students who have been officially admitted by the university. Studentsmust 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. Most Theatre/Dance classes are restricted to BFA/BA majors and minors. Exceptions must be approved by the instructor of record or by the Chair of Theatre/Dance. Production Audition Requirements: All BFA Acting/Directing students must audition for every main stage play or musical. All BFA Musical Theatre students must

audition for every main stage play, musical or dance concert. All BFA Dance students must audition for every main stage musical or dance concert. All BFA Design students are encouraged to audition for main stage productions. (You will often be assigned to a production.) All BFA students must accept roles as cast or assigned! (Any exception to this must be approved by the Chair of the Department.) Failure to fulfill these audition requirements will result in being placed on probation and may lead to dismissal from the program. See below for the current programs offered by the Department of Theatre and Dance. Concentrations Acting and Directing Concentration Dance Concentration, Musical Theatre Concentration Theatre Design Concentration Minors Dance Minor Theatre Minor More information on departmental guidelines and policies can be found in the Department of Theatre and Dance Handbook: www.apsu.edu/theatre-dance

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**

Total Hours 3

Upper Division Courses

- THDA 3800 - Theatre Production II **1**
- THDA 4520 - Careers **3**
- THDA 4995 - Senior Capstone **4**

Total Hours 9

Musical Theatre Concentration

Lower Division Courses

- DANC 1350 - Ballet I **2**
- DANC 1500 - Jazz Dance I **2**
- DANC 1900 - Tap Dance I **2**
- DANC 2355 - Ballet II **2**
- DANC 2500 - Jazz Dance II **2**
- DANC 2900 - Tap Dance II **2**
- THEA 1100 - Practical Theory I **2**
- THEA 1110 - Practical Theory II **2**
- THEA 2200 - Script Analysis **3**
- THEA 2300 - Acting II **3**
- THDA 2800 - Theatre Production I **1**
- THDA 2880 - Performance Practicum I **1**

Total Hours 27

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** (repeatable 7 times for a total of 8 semesters)
- THEA 3350 - Musical Theatre Workshop I **3**
- THEA 3360 - Musical Theatre Workshop II **3**
- THEA 3400 - Directing I **3**

- THDA 3880 - Performance Practicum II **1** (repeatable 3 times)

Total Hours 34

Guided Electives

Complete six (6) credit hours from the following:

- DANC 1450 - Modern Dance I **2**
- DANC 1700 - Hip Hop Dance I **2**
- DANC 2450 - Modern Dance II **2**
- DANC 2600 - Special Topics in Dance **3**
- DANC 3350 - Ballet III **2**
- DANC 3500 - Jazz Dance III **2**
- DANC 3600 - Special Topics in Dance **3**
- DANC 3880 - Costuming for Dance **3**
- DANC 3900 - Tap Dance III **2**
- DANC 4600 - Special Topics in Dance **3**
- DANC 4650 - Independent Research **1 to 3**
- DANC 4750 - Directed Studies in Dance **1 to 3**
- DANC 4950 - Choreography Practicum **2**
- THEA 1500 - Stage Management **3**
- THEA 2500 - Scene Study **3**
- THDA 2500 - Yoga for Performers **2**
- THEA 3080 - International Studies in Theatre I **3**
- THEA 3090 - International Studies in Theatre II **3**
- THEA 3300 - Classical Text and Performance **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 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 440I - Internship in Theatre or Dance **1 to 12**
- THEA 4650 - Direction and Performance for the Camera **3**
- THEA 4660 - Voice-Over Performance **3**
- THEA 4950 - Advanced Playwriting **3**
- THEA 4900 - Playwriting **3**
- THDA 4550 - Roy Acuff Chair Seminar **2**

Total Hours 5

Total Program Hours 120

Minors (non-degree)

Dance Minor

Department of Theatre and Dance
Location: Trahern Bldg., Room 208
Phone: 931-221-6767
Website: www.apsu.edu/theatre-dance

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 I **2**
- DANC 1450 - Modern Dance I **2**
- DANC 1500 - Jazz Dance I **2**
- DANC 1900 - Tap Dance I **2**

Select two (2) credit hours from the courses listed below

- DANC 2355 - Ballet II **2**
- DANC 2450 - Modern Dance II **2**
- DANC 2500 - Jazz Dance II **2**
- DANC 2900 - Tap Dance II **2**

Guided Electives

Select three (3) credit hours from the courses listed below

- DANC 3250 - Dance for Musical Theatre **2**
- DANC 3350 - Ballet III **2**
- DANC 3450 - Modern Dance III **2**
- DANC 3500 - Jazz Dance III **2**
- DANC 3850 - Dance Performance Practicum
- DANC 3880 - Costuming for Dance **3**
- DANC 3900 - Tap Dance III **2**
- DANC 4040 - Dance History II **3**
- DANC 4200 - Dance Kinesiology **3**
- DANC 4300 - Dance Somatics **3**
- DANC 4350 - Ballet IV **2**
- DANC 4450 - Modern Dance IV **2**
- DANC 4500 - Theory and Practice of Teaching Dance **3**
- DANC 4550 - Jazz Dance IV **2**
- DANC 4850 - Dance Performance Practicum **1**
- DANC 4900 - Tap Dance IV **2**
- DANC 4950 - Choreography Practicum **2**

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

Required Courses

- THEA 1300 - Acting I **3**
- THEA 1800 - Theatre Production **1**
- THEA 2200 - Script Analysis **3**
- THEA 3010 - Theatre History I **3**

Guided Electives

Select eight (8) credit hours from the courses listed below

- THEA 3000 - Makeup Design I **3**
- THEA 3020 - Theatre History II **3**
- THEA 3080 - International Studies in Theatre I **3**
- THEA 3090 - International Studies in Theatre II **3**
- THEA 3100 - Non-Western Theatre **3**
- THEA 3200 - Voice for the Actor **3**
- THEA 3300 - Classical Text and Performance **3**
- THEA 3400 - Directing I **3**
- THEA 3500 - Stage Dialects **3**
- THEA 3601 - Special Topics in Theatre **3**
- THEA 3700 - Scenic Design I **3**
- THEA 3750 - Scene Painting I **3**
- THEA 3760 - Scene Design II **3**
- THEA 3850 - Costume Construction **3**
- THEA 3880 - Theatre Performance Practicum **1**
- THEA 3890 - Costume Design I **3**
- THEA 3900 - Drafting II **3**
- THEA 4001 - Makeup II **3**
- THEA 4100 - Period Styles of Architecture **3**
- THEA 4150 - Period Styles of Costumes **3**
- THEA 4200 - Independent Research **1 to 3**
- THEA 4300 - Lighting Design I **3**
- THEA 4350 - Acting Workshop **3**
- THEA 4401 - Directing II **3**
- THEA 4550 - Roy Acuff Chair Seminar **2**
- THEA 4650 - Direction and Performance for the Camera **3**
- THEA 4700 - Topics in Women's Theatre **3**
- THEA 4751 - Directed Studies in Theatre **1 to 3**
- THEA 4790 - Lighting Design II **3**
- THEA 4801 - Theatre Production **1**
- THEA 4850 - Scene Painting II **3**
- THEA 4890 - Costume Design II **3**
- THEA 4900 - Playwriting **3**
- THEA 4950 - Advanced Playwriting **3**

Total Hours 18

Certificates

French Certificate

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.

Certificate Requirements

- FREN 2020 – Intermediate French II 3

Certificate Electives

Complete twelve (12) hours from:

- FREN 3000-4999

Total Program Hours 15

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.

Certificate Requirements

- EDUC 4051 - 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 Program Hours 12

College of Behavioral and Health Sciences

Location: McCord, 214
Phone: 931-221-6380; Fax: 931-221-6382
e-mail: brownt@apsu.edu
Website: www.apsu.edu/behavioral-health/

The faculty of the College of Behavioral and Health Sciences, with support from professional staff, has an enduring commitment to academic endeavors and community outreach based on empirical research and evidence-based practice designed to educate students and the community about the human condition and ways to improve it.

In addition to being the academic home for undergraduate majors in nursing, health and human performance, political science, psychological science, social work, and sociology, the College also offers graduate degrees in health and human performance, industrial-organizational psychology, counseling, nursing, and social work, and a graduate certificate in community and organizational leadership. Minors are available in coaching, environmental studies, family studies, health, health science, international relations, leadership science, military science, occupational health psychology, physical education, political science, psychological science, and sociology.

Department of Criminal Justice

College of Behavioral and Health Sciences
Location: Clement Bldg, Room 116
Fort Campbell Center, Bldg. 203, Room 211
Phone: 931-221-1480
Email: criminaljustice@apsu.edu
Website: www.apsu.edu/criminal-justice

Bachelor of Science

Criminal Justice (B.S.)

College of Behavioral and Health Sciences

Department of Criminal Justice

Location: Clement Bldg., Room 116
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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Criminal Justice Major
- Homeland Security Concentration

Minors

- Criminal Justice Minor
- Global Security Studies Minor
- Homeland Security Minor

Criminal Justice Major

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**
  or
- PM 3760 - Methods of Research for Administration **3**

Total Hours 12

Upper Division Courses

Must take two (2) classes from each of the three areas below.

Processes and Institutions

- CRJ 3130 - Policing in America **3**
- CRJ 3150 - Penology and the Study of Corrections **3**
- CRJ 3220 - Criminal Investigations **3**
- CRJ 3430 - Management of Incidents **3**
- CRJ 4000 - Law Enforcement Administration **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 4140 - Homeland Security Law **3**

Crime and Deviance

- CRJ 3100 - Fundamentals of Cybercrime **3**
- CRJ 3440 - Crime Prevention **3**
- CRJ 4210 - Gangs in Society **3**

- CRJ 4220 - White Collar Crime **3**
- CRJ 4250 - Serial Murder **3**
- CRJ 4300 - Advanced Criminology **3**

Additional Courses

- Students must take an additional three (3) CRJ 3000+ level courses (9 credit hours). Only six (6) hours of CRJ 4860-Criminal Justice Internship and Practicum can count toward the 9 hour requirement.

Total Hours 27

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

Students may add a Homeland Security Concentration to their CRJ major.

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**

  or
- PM 3760 - Methods of Research for Administration **3**

Total Hours 12

Upper Division Courses

Must take two (2) classes from each of the three areas below

Processes and Institutions

- CRJ 3130 - Policing in America **3**
- CRJ 3150 - Penology and the Study of Corrections **3**
- CRJ 3220 - Criminal Investigations **3**
- CRJ 3430 - Management of Incidents **3**
- CRJ 4000 - Law Enforcement Administration **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 4140 - Homeland Security Law **3**

Crime and Deviance

- CRJ 3100 - Fundamentals of Cybercrime **3**
- CRJ 3440 - Crime Prevention **3**
- CRJ 4210 - Gangs in Society **3**

- CRJ 4220 - White Collar Crime **3**
- CRJ 4250 - Serial Murder **3**
- CRJ 4300 - Advanced Criminology **3**

Additional Courses

- Complete nine (9) hours of any CRJ 3000-4999 course not previously utilized.

Total Hours 27

Concentration Requirements

Lower Division Courses

- CRJ 2400 - Terrorism Understanding **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 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

Minors (non-degree)

Criminal Justice Minor

Department of Criminal Justice
Location: Clement Bldg., Room 116 or
Fort Campbell Center, Bldg. 203, Room 211
Phone: 931-221-1480
Email: criminaljustice@apsu.edu
Website: www.apsu.edu/criminal-justice

***Note**: Criminal Justice majors may not take this minor.*

Required Courses

Lower Division Courses

- CRJ 1010 - Introduction to Criminal Justice **3**

Total Hours 3

Additional Coursework

- Students must take an additional fifteen (15) hours of Criminal Justice coursework. At least twelve (12) hours mustbe at the 3000 level or above. Only three (3) hours of CRJ 4860 may be applied to the minor.

Total Hours 15

Total Minor Hours 18

Global Security Studies Minor

Department of Criminal Justice
Location: Clement Bldg., Room 116 or
Fort Campbell Center, Bldg. 203, Room 211
Phone: (931) 221-1480
Email: criminaljustice@apsu.edu

Global Security Studies considers transnational security issues with global implications such as the environment, terrorism, population movements, and disease threats. Students prepare for careers in government, business, education, or international organizations by complementing a specific major with an understanding of the emerging challenges posed by a globalizing world.

Required Courses

- GSS 2010 - Introduction to Global Security Study **3**
- GSS 3020 - Global Strategic Studies **3**
- POLS 3070 - Theories of International Relations **3**

Total Hours 9

Guided Electives

Select three (3) courses from the list below:

Note: While there is no required course distribution across disciplines, the student should work with advisors to selectcourses which lend depth and breadth to their studies.

- AAST 3500 - Race, Gender and Sexuality **3**
- AAST 4050 - The Social Meaning of Race **3**
- AGRI 4110 - Agro-Terrorism **3**
- COMM 3090 - International Communication **3**
- CRJ 3100 - Fundamentals of Cybercrime **3**
- CRJ 4030 - Comparative Criminal Justice/Homeland Security **3**
- CRJ 4040 - Global Jihad and U. S. Homeland Security **3**
- CRJ 4140 - Homeland Security Law **3**
- CRJ 4420 - International Terrorism **3**
  or
  POLS 3060 - Terrorism and Counter-Terrorism **3**
- CSCI 4612 - Securing Cyber Space (Web, DB, and Platform) **3**
- ECON 4610 - International Economics **3**
- ENGL 340N - LGBTQ Literature Across Cultures **3**
- ENGL 360H - Literature and Film Across Cultures **3**
- FIN 3510 - International Finance **3**
- GEOG 3940 - Technological Hazards in the Environment **3**
- GEOG 4180 - Climatology **3**
- HHP 2050 - Community and Environment Health **3**
- HHP 4070 - Human Health and Disease **3**
- HHP 4500 - Epidemiology and Biostatistics **3**
- HIST 4026 - European Military History 1789-1945 **3**
- HIST 4790 - The Military Nontraditional Roles **3**
- LDSP 3040 - Global Logistics **3**
- LDSP 3050 - Cultural Diversity in Organizations **3**
- MGT 3200 - Global Business **3**
  or
  GB 3110 - Global Business
- MGT 4110 - International Management **3**
- MKT 3410 - International Marketing **3**
- PHIL 4015 - War and Ethics **3**

- PM 3003 - Managing At Risk Populations in Emergency Situations **3**
- PM 3006 - Weapons of Mass Destruction **3**
- PM 4090 - Comparative Public Administration **3**
- POLS 2070 - International Politics **3**
- POLS 3090 - The United Nations **3**
- POLS 3300 - International Political Economy **3**
- POLS 4170 - Power, Morality, International Relations **3**
- PSYC 4380 - Introduction to Military Psychology **3**
- PSYC 4444 - Cross Cultural Psychology **3**
- SOC 3250 - Social Institutions **3**
- SOC 3750 - Population Dynamics **3**
- SOC 3810 - Globalization and Social Movements **3**
- SOC 4420 - Environmental Justice **3**
- SOC 4400 - Environment and Society **3**
- SW 4050 - International Social Work **3**
- WGS 2060 - Introduction to LGBTQ Studies

Total Hours 9

Program Total: 18 Credit Hours

Students completing this minor are strongly recommended to take HIST 2320 and World History II in their general education core. Students should recognize that a foreign language and/or a study abroad/intern experience will significantly enhance their qualifications in this field.

Homeland Security Minor

Department of Criminal Justice
Location: Clement Bldg., Room 116 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 - Terrorism Understanding **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/

Health and Human Performance (B.S.)

The Department of Health and Human Performance offers a major in Health and Human Performance. Concentrations are offered in Applied Exercise Science, Communication Sciences and Disorders, Health Care Management, K-12 Teaching, Public Health, and Sport and Wellness Specialist. A minor is available inCoaching, 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.

Bachelor of Science

Health and Human Performance (B.S.)

College of Behavioral and Health Sciences

Health and Human Performance

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Communication Sciences and Disorders Concentration
- Health Care Management Concentration
- K-12 Teaching Concentration
- 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.

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 Acquisition and Development **4**
- 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 18

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 Assessment and Treatment **3**
- CSDI 4010 - Evidence Based Practice in Communication Sciences and Disorders **3**
- CSDI 4020 - Clinical Management of Communication Disorders **3**
- CSDI 4030 - Legal, Ethical and Professional Issues in Communication Sciences and Disorders **2**
- CSDI 4050 - Interprofessional Teaming **1**
- CSDI 4060 - Language and Literacy **2**

Total Hours 25

Total Concentration Hours 43

Program Free Electives

Total Hours 35

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.

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

Concentration Options

Option 1: Internship

- HHP 440I - Internship in HHP **1 to 12 (6)**
- HHP 4989 - Pre-Internship and Career Seminar **1**
- Students completing Option 1 will also need to complete thirty-five (35) hours of General Electives.

Option 2

- Students completing option 2 will complete forty-two (42) hours of general elective coursework

Total Hours 42

Total Program Hours 120

K-12 Teaching Concentration

The K-12 Teaching Concentration provides students the opportunity to prepare for teaching health and physical education and/or coaching in grades K-12. The program meets all Tennessee and CAEP guidelines. The Professional Education Minor (23 credits) is required for licensure.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration Requirements

Lower Division Courses

- HHP 2020 - Fitness Concepts and Assessment in Physical Education **1**
- 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**
- EDUC 2100 - Foundations of Education **2**

Total Hours 13

Upper Division Courses

- HHP 3010 - Adapted Physical Education **3**
- HHP 3030 - Nutrition: Science and Application **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 4240 - Introduction to Motor Learning **3**
- HHP 4400 - Teaching Health and Human Performance **3**
- HHP 4450 - Teaching Strategies in Health **3**
- EDUC 4510 - Undergraduate Student Teaching Grades 4-5 **5**
- EDUC 4710 - Undergraduate Student Teaching Grades 9-12 **5**
- EDUC 4950 - Undergraduate Student Teaching Seminar **2**
- EDUC 3001 - Educational Psychology **3.0**
- 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**

Total Hours 57

Guided Electives

Select six (6) credit hours from the courses listed below

- HHP 2000 - First Aid CPR and Safety **3**
- HHP 3110 - Substance Use and Abuse **3**
- HHP 3400 - Coordinated Approach to Child Health **3**
- HHP 4060 - Consumer Health **3**
- HHP 4080 - Human Sexuality **3**

Total Hours 6

Free Electives

- select two hours from any coursework **2**

Total Hours 2

Total Program Hours 120

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

PH Concentration

Lower Division Courses

- HHP 2250 - Public Health Essentials **3**
- HHP 2251 - Health Education Professions Orientation **1**

Total Hours 4

Upper Division Courses

- 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**

Total Hours 27

Option 1

For students who select Option 1

- HHP 4989 - Pre-Internship and Career Seminar **1**
- HHP 440I - Internship in HHP **6**

Extended Public Health Coursework EPHC

Option 1 - must choose six (6) credits from the list below. Option 2 - must choose twelve (12) credits fromthe list below

- COMM 1400 - Introduction to Public Relations **3**
- COMM 3800 - Principles of Media Advertising **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 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 3700 - Health, Illness, and Medicine **3**
- HHP 4801 - CHES Exam Preparation **1**
- HHP 4080 - Human Sexuality **3**

Total Hours 12

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.

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 2500 - Foundations of Recreation **3**

Total Hours 6

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 4050 - Implementing Health Behavior Changes **3**
- HHP 4080 - Human Sexuality **3**
- HHP 4300 - Introduction to Stress Management **3**

Total Hours 24

Concentration Guided Electives

Choose one (1) course from the following

- LDSP 2100 - Foundations of Leadership **3**
- HHP 2600 - Community Recreation **3**
- HHP 3700 - Program Planning and Leadership in Recreation **3**

Choose one (1) course from the following

- HHP 3040 - Positive Mental Health and Happiness **3**
- HHP 3110 - Substance Use and Abuse **3**
- HHP 4060 - Consumer Health **3**
- HHP 4070 - Human Health and Disease **3**

Choose one (1) course from the following

- HHP 3155 - Teaching Individual and Dual **3**
- HHP 3165 - Teaching Team Sports **3**

Total Hours 9

Concentration Internship Options:

Option 1

- HHP 440I - Internship in HHP **1 to 12 (6)**
- HHP 4989 - Pre-Internship and Career Seminar **1**
- **Students will also need to complete thirty-two (32) hours of general electives**

Option 2

- **Students will complete thirty-nine (39) hours of general electives**

Total Hours 39

Total Program Hours 120

Kinesiology (B.S.)

College of Behavioral and Health Sciences

Department of Health and Human Performance

Location: Dunn Center, Room 268Phone: 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

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.

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**
- HHP 4989 - Pre-Internship and Career Seminar **1**

Total Hours 13

Concentration Options

Option 1: Internship

- HHP 440I - Internship in HHP **1 to 12** (Students will need to register into a 6 credit hour internship)

Complete six credit hours from:

- BIOL 3050 - General Microbiology **3**
- BIOL 3051 - General Microbiology 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 - Abnormal Psychology **3**
- SOC 3700 - Health, Illness, and Medicine **3**

Option 2

- Twelve (12) Credit hours from the above listing (excluding HHP 440I) will be required.

Total Hours 12

Program Free Electives

- select thirty-five (35) program free electives

Total Hours 35

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 ***

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 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**
- 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**
- HHP 4550 - Pathophysiology and Exercise Prescription for Special Populations **3**
- HHP 4700 - Research Applications in Exercise Science **3**
- HHP 4989 - Pre-Internship and Career Seminar **1**
- MATH 1730 - Precalculus **4**
- 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 35

Concentration Options

Option 1: Internship

- HHP 440I - Internship in HHP **1 to 12** (Students will need to register into a 6 credit hour internship)

Complete six (6) credit hours from:

- BIOL 3050 - General Microbiology **3**
- BIOL 3051 - General Microbiology Lab **1**
- HHP 3030 - Nutrition: Science and Application **3**
- HHP 3035 - Nutrition for Sport and Exercise **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 - Abnormal Psychology **3**
- SOC 3700 - Health, Illness, and Medicine **3**

Option 2

- Twelve (12) Credit hours from the above listing (excluding HHP 440I) will be required.

Total Hours 12

Program Free Electives

- Select thirteen (13) program free electives

Total Hours 13

Total Program Hours 120

Minors (non-degree)

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

Required Courses

- 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 **3**
- PSYC 4060 - Group Dynamics **3**
- SOC 3250 - Social Institutions **3**
- SOC 3500 - Sport and Society **3**

Total Hours 18

Health Minor

Department of Health and Human Performance
Location: Dunn Center, Room 268
Phone: 931-221-6111
Website: www.apsu.edu/hhp/

Required Courses

Select eighteen (18) hours from the list below. At least twelve (12) hours must be upper division.

Lower Division Courses

- 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**

Upper Division Courses

- 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 3450 - Health Issues of Special Populations **3**
- HHP 3600 - Communication and Advocacy **3**
- HHP 4000 - Introduction to Gerontology **3**
- HHP 4030 - Living, Dying, Grieving **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**

Total 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 provides students who have selected a major within or outside the department the opportunity to complement their primary area of study.

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**

Electives

Select one (1) course from the list below

- 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 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.

Minor Requirements

Lower Level Requirements

- HHP 2010 - Technology Applications for Health and Human Performance **3**
- HHP 2500 - Foundations of Recreation **3**
- HHP 2600 - Community Recreation **3**

Total Hours: 9

Upper Level Requirements

- HHP 3700 - Program Planning and Leadership in Recreation **3**

Total Hours: 3

Minor Required Electives

Choose 6 credits from the list

- COMM 1900 - Introduction to Event Planning **3**
- HHP 3040 - Positive Mental Health and Happiness **3**
- HHP 4300 - Introduction to Stress Management **3**
- LDSP 2100 - Foundations of Leadership **3**
- LDSP 3010 - Management in Organizations **3**
- LDSP 3030 - Organizational Team Building **3**
- PSYC 3340 - Health Psychology **3**

Total Required Hours: 18

Department of Leadership and Organizational Administration

College of Behavioral and Health Sciences
Location: McCord Building, Room 212
Phone: 931-221-6380

The Bachelor of Leadership and Organizational Administration prepares graduates for a variety of careers by encompassing managerial, organizational, and communication skills along with technical and associate degree level competencies. This program is offered both in the traditional classroom setting and online. Nontraditional students comprise the majority of the Leadership Studies classes, and they contribute a wealth of knowledge and experiences.

Note: Formerly this department was Department of Professional Studies. Effective Spring 2017 it changed to Department of Leadership and Organizational Administration and put under the College of Behavioral and Health Sciences.

Bachelor of Science

Leadership and Organizational Administration (B.S.)

College of Behavioral and Health Sciences

Department of Leadership and Organizational Administration

Location: Ft. Campbell Center, Bldg. 203
Phone: 931-221-6377
website: www.apsu.edu/leadership

Description of Major

The department presently offers three concentrations within the major, Leadership Science, Organizational Administration, and Hospitality Administration. The major has five major competencies that students should seek to develop regardless of the concentration they are pursuing. These are communication proficiency, strategic thinking, ethical behavior, cultural awareness, and knowledge integration. For each of these competencies, we have at least one course that satisfies that competency.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Leadership Science Concentration
- Organizational Administration Concentration
- Hospitality Administration Concentration

Leadership Science Concentration

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

- LDSP 3050 - Cultural Diversity in Organizations **3**
- LDSP 3060 - Organizational Ethics **3**
- LDSP 4020 - Written Professional Communication **3**

Total Hours 9

Concentration Requirements

Lower Division Courses

- LDSP 2100 - Foundations of Leadership **3**

Total Hours 3

Upper Division Courses

- LDSP 3030 - Organizational Team Building **3**
- LDSP 3100 - Organizational Dynamics, Politics, and Change **3**
- LDSP 3150 - Leadership and Power **3**
- LDSP 3760 - Research Methods in Leadership and Organizational Administration **3**
- LDSP 4400 - Strategic Planning for Organizations **3**
- LDSP 4980 - Advances in Leadership Science **3**

Total Hours 18

Concentration Guided Electives

- Any LDSP prefix courses or chair approved options outside the major **9**

Total Hours 9

Free Electives

- Select thirty-nine (39) hours of free electives **39**

Total Hours 39

Total Program Hours 120

Organizational Administration Concentration

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

- LDSP 3050 - Cultural Diversity in Organizations **3**
- LDSP 3060 - Organizational Ethics **3**
- LDSP 4020 - Written Professional Communication **3**

Total Hours 9

Concentration Requirements

Upper Division Courses

- LDSP 3010 - Management in Organizations **3**
- LDSP 3020 - Managing Information Technology **3**
- LDSP 3090 - Survey of the Legal Process **3**
- LDSP 3240 - Financial Measurement, Analysis, and Reporting **3**
- LDSP 3760 - Research Methods in Leadership and Organizational Administration **3**
- LDSP 4400 - Strategic Planning for Organizations **3**
- LDSP 4990 - Organizational Administration Capstone **3**

Total Hours 21

Concentration Guided Electives

- Any LDSP courses **9**

Total Hours 9

Free Electives

- Select thirty-nine (39) hours of free electives **39**

Total Hours 39

Total Program Hours 120

Hospitality Administration Concentration

The major goal of this concentration is to provide an opportunity for students with associate degrees, certificates, and training in the hospitality/restaurant/hotel/culinary arts areas to complete a bachelor's degree. These students will be able to utilize their lower division coursework as well as their work experiences in addition to the prescribed upper division coursework and other credits required for a bachelor's degree. The program will be offered online in order to accommodate the non-traditional student, military students, and others not geographically located in the APSU area. Total credits required for this program: 120 Credit Hours.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Upper Division Courses

- LDSP 3050 - Cultural Diversity in Organizations **3**
- LDSP 3060 - Organizational Ethics **3**
- LDSP 4020 - Written Professional Communication **3**

Total Hours 9

Concentration Requirements

Upper Division Courses

- HOSP 3800 - Hospitality Administration Strategies **3**
- HOSP 3810 - Hospitality Administration Technology and Applications **3**

- HOSP 3820 - Hospitality Buildings and Facilities **3**
- HOSP 3840 - Restaurant/Food Service Administration **3**
- HOSP 3850 - Hospitality Promotion and Sales **3**
- HOSP 4830 - Hospitality Revenue Cycles **3**
- HOSP 4880 - Internship in Hospitality Industry **3**

Total Hours 21

Concentration Guided Electives
Select nine (9) credit hours from the list below

- HOSP 3860 - Tourism Administration Strategies **3**
- LDSP 3030 - Organizational Team Building **3**
- LDSP 3620 - Professional and Public Relations **3**
- LDSP 4800 - Organizational Training and Development **3**
- COMM 3750 - Event Planning: Risk Management **3**

Total Hours 9

Free Electives

- Select thirty-nine (39) hours of free electives **39**

Total Hours 39

Total Program Hours 120

Associate of Applied Science

Professional Services (A.A.S.)

College of Behavioral and Health Sciences

Department of Leadership and Organizational Administration

Robert Halliman, Associate Professor
Email: hallimanr@apsu.edu
Location: Fort Campbell Education Center
Phone: 931-221-1425

Description of Major

The Professional Services Program at Austin Peay State University has a two-fold purpose. It provides a pre-employment program for people seeking a career in management. It is also designed to upgrade the skills of employed management personnel. In addition to the management technology concentration, a student may pursue a specialization in industrial management or general business.

The professional services curriculum combines general education with courses designed to provide a solid, basic understanding of management, marketing, personnel, operations, safety and accounting.

Industrial management is for those students with career interests in manufacturing. It includes courses such as production management, industrial safety, and statistical process control.

APSU Culinary Arts students examine and apply strategies for success in culinary organizations. In addition, students can participate in a variety of regional and national culinary competitions. Students develop critical thinking skills through general education coursework, develop culinary skills in hands-on environment, and study the management of teams.

General Education Core for A.A.S.

- APSU 1000 - Freshmen Seminar **1**
- COMM 2045 - Public Speaking **3**
- ENGL 1010 - English Composition I **3**
- MATH 1010 - Mathematical Thought and Practice **3**

or

MATH 1530 - Elements of Statistics **3**
or
Natural Science Core **4** (Culinary Arts only)

- Humanities Elective **3**
- Social Science **3** (if Management Technology concentration is selected **ECON 2100** is required)

Total Hours 16-17

Concentrations

- Culinary Arts Concentration A.A.S.

Culinary Arts Concentration A.A.S.

General Education Core for A.A.S.

- APSU 1000 - Freshmen Seminar **1**
- COMM 2045 - Public Speaking **3**
- ENGL 1010 - English Composition I **3**
- Natural Science Core **4** or
- Mathematics Core **3**
- Social Science Core **3**

Total Hours 16-17

Concentration Requirements

Lower Division Courses

- CULA 1200 - Sanitation and Food Safety **3**
- CULA 1305 - Nutrition for Culinary Arts **3**
- CULA 1320 - Culinary I (Fundamentals) **3**
- CULA 1325 - Culinary II (Fabrication) **3**
- CULA 1330 - Garde Manger **3**
- CULA 1340 - Dining Room Service **3**
- CULA 2250 - Professional Catering **3**
- CULA 2300 - Food and Beverage Management **3**
- CULA 2340 - Human Resource Management **3**
- CULA 2375 - Purchasing and Cost Control **3**
- CULA 2376 - International Food **3**
- CULA 2380 - Culinary Internship **3**

Total Hours 36

Concentration Guided Electives

Select three (3) courses from the list below

- CULA 1310 - Fundamentals of Baking **3**
- CULA 1321 - Advanced Baking and Pastry **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 9

Total Program Hours 61-62

Certificate

Accelerated Culinary Arts Certificate

Department of Leadership and Organizational Administration
Location: Ft. Campbell Center, Bldg. 203
Phone: 931-221-6377
website: www.apsu.edu/leadership

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 (4) 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.

Required Courses

- CULA 1200 - Sanitation and Food Safety **3**
- CULA 1305 - Nutrition for Culinary Arts **3**
- CULA 2375 - Purchasing and Cost Control **3**

Guided Electives

Select one (1) course from the list below

- CULA 1310 - Fundamentals of Baking **3**
- CULA 1320 - Culinary I (Fundamentals) **3**

Total Hours 12

Minors (non-degree)

Leadership Science Minor

Department of Leadership and Organizational Administration
Location: Ft. Campbell Center, Bldg. 203
Phone: 931-221-6377
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 **3**

Total Hours 3

Upper Division Courses

- LDSP 3150 - Leadership and Power **3**
- LDSP 4400 - Strategic Planning for Organizations **3**

Total Hours 6

Guided Electives

Select nine (9) hours from the list below:

- HHP 3000 - Health Care Management **3**
- HHP 4300 - Introduction to Stress Management **3**
- 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 3100 - Organizational Dynamics, Politics, and Change **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 3760 - Research Methods in Leadership and Organizational Administration **3**
- LDSP 4610 - Emerging Issues in Leadership
- LDSP 4620 - Emerging Issues in Leadership
- LDSP 4630 - Emerging Issues in Leadership
- LDSP 4640 - Emerging Issues in Leadership
- LDSP 4650 - Emerging Issues in Leadership
- LDSP 4660 - Emerging Issues in Leadership
- LDSP 4670 - Emerging Issues in Leadership
- LDSP 4680 - Emerging Issues in Leadership
- LDSP 4690 - Emerging Issues in Leadership
- LDSP 4700 - Emerging Issues in Leadership
- LDSP 4980 - Advances in Leadership Science **3**
- MGT 2010 - Principles of Management and Organizational Behavior **3**
- MGT 3110 - Organization Behavior and Theory **3**
- MSL 1010 - Leadership and Management Skills I **2**
- MSL 1020 - Leadership and Management Skills II
- MSL 2030 - Leaders Training Course **3**
- PM 3200 - Public Sector Management **3**
- PM 3400 - Women and Administration **3**
- PM 3760 - Methods of Research for Administration **3**
- PM 4120 - Organizational Theory and Behavior **3**
- PM 4400 - Administration of Nonprofit Organizations **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 - Psychology Applied to Work **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 9

Total Minor Hours 18

Organizational Forensics Minor

Department of Leadership and Organizational Administration
Location: Ft. Campbell Center, Bldg. 203
Phone: 931-221-6377
website: www.apsu.edu/leadership

The Organizational Forensics Minor, open to all students, equips students to better understanding the inner workings of organizations and the identification and study of dysfunctions within organizations.

Required Courses

- LDSP 3060 - Organizational Ethics **3**
- LDSP 3090 - Survey of the Legal Process **3**
- LDSP 3240 - Financial Measurement, Analysis, and Reporting **3**
- LDSP 3520 - Industrial Fraud **3**
- LDSP 4020 - Written Professional Communication **3**
- LDSP 4220 - White Collar Crime **3**

Total Hours 18

Professional Studies Minor

Department of Leadership and Organizational Administration
Location: Ft. Campbell Center, Bldg. 203
Phone: 931-221-6377
website: www.apsu.edu/leadership

Required Courses

- LDSP 3010 - Management in Organizations **3**
- LDSP 3020 - Managing Information Technology **3**
- LDSP 3050 - Cultural Diversity in Organizations **3**
- LDSP 3060 - Organizational Ethics **3**

Select two (2) courses from the list below

- LDSP 3040 - Global Logistics **3**
- LDSP 3230 - Workforce Management **3**
- LDSP 3600 - Organizational Marketing **3**
- LDSP 3990 - Contract Management **3**
- LDSP 4020 - Written Professional Communication **3**
- LDSP 4100 - Economic Issues for Organizations **3**
- LDSP 4400 - Strategic Planning for Organizations **3**
- LDSP 4500 - Management of Operations **3**

Total 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 Curriculum

Basic Course

Freshman Year

- MSL 1010 - Leadership and Management Skills I **2**
- MSL 1020 - Leadership and Management Skills II

Sophomore Year

- MSL 2010 - Intro to Tactical Skills I **2**
- MSL 2020 - Introduction to Tactical Skills **2**

Advanced Course

Junior Year

- 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**

Senior Year

- MSL 4010 - Advanced Military Skills and Knowledge I **3**
- MSL 4020 - Advanced Military Skills and Knowledge II **3**

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. 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. 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 as they are part of a scholarship program. AFROTC students will be given their textbooks as well as uniforms necessary to complete the program.

AFROTC Program/Scholarships

Enrolling 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.

Minors (non-degree)

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

1. **Four-Year Program:**
   - MSL 1010 - Leadership and Management Skills I **2**
   - MSL 1020 - Leadership and Management Skills II
   - 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**

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**

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**

Department of Political Science and PublicManagement

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

Bachelor of Arts

Political Science (B.A.)

College of Behavioral and Health Sciences

Department of Political Science

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. Our majors with the legal studies concentration are also prepared for law school and graduate school. 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.

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

Major Requirements that Satisfy General Education

- MATH 1530 - Elements of Statistics **3** (is recommended but not required)

Total Hours 3

Major Core Requirements

Lower Division Courses

- POLS 2000 - Introduction to Politics **3**
- POLS 2010 - American National Government **3**
- POLS 2040 - Introduction to Public Policy **3**
- POLS 2070 - International Politics **3**

Total Hours 12

Upper Division Courses

- POLS 3000 - Foundations of Political Theory **3**
- POLS 3010 - Comparative Politics **3**
- POLS 3760 - Methods of Research **3**
- POLS 4999 - Senior Capstone Seminar **3**

Total Hours 12

Major Guided Electives

Select fifteen (15) credit hours of upper division POLS courses

- POLS 3020 - American Foreign Policy **3**
- POLS 3040 - U.S. Defense Policy **3**
- POLS 3060 - Terrorism and Counter-Terrorism **3**
- POLS 3070 - Theories of International Relations **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**
- POLS 4010 - Contemporary Political Ideas **3**
- POLS 4040 - Women and Politics **3**
- POLS 4050 - Health Care Policy in the U.S. **3**
- POLS 4070 - Politics in American States **3**
- POLS 4080 - City Politics **3**
- POLS 4100 - Democracy **3**
- POLS 4130 - Political Parties and Interest Groups **3**
- POLS 4170 - Power, Morality, International Relations **3**
- POLS 4200 - The American Presidency **3**
- POLS 4210 - Congress: Process and Behavior **3**
- POLS 4220 - Political Leadership **3**

- POLS 4240 - Political Psychology **3**
- POLS 4260 - Campaign Strategy and Management **3**
- POLS 4300 - Judicial Politics and Behavior **3**
- POLS 4330 - Women and the Law **3**
- POLS 4340 - Family Law **3**
- POLS 4360 - Legal Mediation and Alternative Dispute Resolution- **3**
- POLS 4370 - Juvenile Law **3**
- POLS 4380 - American Constitutional Law **3**
- POLS 4400 - Politics and Mass Media **3**
- POLS 4510 - Communication and Public Opinion **3**
- POLS 451A - Selected Topics in Political Science **3**
- POLS 457A - Moot Court and Oral Advocacy **3**

Total Hours 15

Free Electives

- Select thirty-three (33) credit hours of general electives

Total Hours 33

Total Program Hours 120

Bachelor of Science

Political Science (B.S.)

College of Behavioral and Health Sciences

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. Our majors with the legal studies concentration are also prepared for law school and graduate school. 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.

Major

- Political Science Major B.S.

Political Science Major B.S.

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)

Total Hours 3

Major Core Requirements

Lower Division Courses

- POLS 2000 - Introduction to Politics **3**
- POLS 2010 - American National Government **3**
- POLS 2040 - Introduction to Public Policy **3**
- POLS 2070 - International Politics **3**

Total Hours 12

Upper Division Courses

- POLS 3000 - Foundations of Political Theory **3**
- POLS 3010 - Comparative Politics **3**
- POLS 3760 - Methods of Research **3**
- POLS 4999 - Senior Capstone Seminar **3**

Total Hours 12

Major Guided Electives

Select fifteen (15) credit hours of upper division POLS courses

- POLS 3020 - American Foreign Policy **3**
- POLS 3040 - U.S. Defense Policy **3**
- POLS 3060 - Terrorism and Counter-Terrorism **3**
- POLS 3070 - Theories of International Relations **3**
- POLS 3090 - The United Nations **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**
- POLS 4010 - Contemporary Political Ideas **3**
- POLS 4040 - Women and Politics **3**
- POLS 4050 - Health Care Policy in the U.S. **3**
- POLS 4070 - Politics in American States **3**
- POLS 4080 - City Politics **3**
- POLS 4100 - Democracy **3**
- POLS 4130 - Political Parties and Interest Groups **3**
- POLS 4170 - Power, Morality, International Relations **3**
- POLS 4200 - The American Presidency **3**
- POLS 4210 - Congress: Process and Behavior **3**
- POLS 4220 - Political Leadership **3**
- POLS 4240 - Political Psychology **3**
- POLS 4260 - Campaign Strategy and Management **3**
- POLS 4300 - Judicial Politics and Behavior **3**
- POLS 4330 - Women and the Law **3**
- POLS 4340 - Family Law **3**
- POLS 4360 - Legal Mediation and Alternative Dispute Resolution- **3**
- POLS 4370 - Juvenile Law **3**
- POLS 4380 - American Constitutional Law **3**
- POLS 4400 - Politics and Mass Media **3**
- POLS 4510 - Communication and Public Opinion **3**
- POLS 451A - Selected Topics in Political Science **3**
- POLS 457A - Moot Court and Oral Advocacy **3**

Total Hours 15

Free Electives

- Select thirty-nine (39) credit hours of general electives

Total Hours 39

Total Program Hours 120

Public Management (B.S.)

College of Behavioral and Health Sciences

Department of Political Science and Public Management

Location: Clement Bldg., Room 111
Phone: 931-221-7515
Website: www.apsu.edu/public-management

Description of Major

The Public Management degree is available at the Main 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.

Major

- Public Management Major

Public Management Major

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- POLS 2010 - American National Government **3**

Total Hours 3

Upper Division Courses

- 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 3760 - Methods of Research for Administration **3**
  or
  POLS 3760 - Methods of Research **3**

- PM 4120 - Organizational Theory and Behavior **3**

Total Hours 18

Major Guided Electives

- Select twenty-one (21) credit hours of Upper Division courses worth three (3) credit hours each, except PM 4860-Public Management Internship and Practicum which is worth six (6) credit hours.

Total Hours 21

Free Electives

- Students must complete 39 credit hours of general electives

Total Hours 39

Total Program Hours 120

Minors (non-degree)

Emergency Management Minor

Required Courses

- 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

Electives

Complete three courses from the list below:

- 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.

Required Courses

- POLS 2070 - International Politics **3**
- POLS 3070 - Theories of International Relations **3**
- POLS 4170 - Power, Morality, International Relations **3**

Total Hours 9

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 with the legal studies concentration are also prepared for law school and graduate school. Courses cannot be counted in both the major and minor. A departmental exit exam is required the last semester before graduation.

Required Courses

- 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**

Electives

Choose either:

A) three upper-division POLS courses, or

B) POLS 2000 or POLS 2040 (i.e., whichever of the two is not taken as a required minor course) and two upper-division POLS courses.

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 new minor that is proposed for Austin Peay State University undergraduate students who are interested entering law school upon graduation from the University. It is designed as in 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.

Required

- 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

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

Required Courses

- 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**

Electives

- Complete three hours (3) from PM 3000-4999 not previously utilized

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 Bachelor of Science (B.S.) degree in Psychological Science. We also offer a Minor in Psychology. In addition, psychological science is one ofthe departments that sponsor the interdisciplinary Occupational Health Psychology minor. The objective of the 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 whichcover:

- 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 and counseling 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.

Bachelor of Science

Psychological Science (B.S.)

College of Behavioral and Health Sciences

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
WorldCommunication
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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

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.

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 - Abnormal Psychology **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 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 - Abnormal Psychology **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 - Psychology Applied to Work **3**
- PSYC 4610 - Special Topics **1 to 3**
- 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 **3**

Total Hours: 12

Free Electives

- Select forty (40) hours of free electives **40**

Total Hours: 40

Total Program Hours: 120

Applied Behavior Analysis Certificate

The Applied Behavior Analysis Undergraduate Certificate will provide the framework for students to sit for the Registered Behavior Technician (RBT) exam upon completion of the certificate program. Students will need to sit for the RBT certification upon completion of the program. Moreover, students will be employable upon completion of the certification requirements, providing a tangible benefit for regional employers.

Certificate Requirements:

- PSYC 4850 - Honors Field Experience **3**
- PSYC 4150 - Principles of Behavior Analysis **4**
- PSYC 4160 - Methods of Behavior Analysis **3**

Total Hours: 10

Certificate Electives

- PSYC 3100 - Developmental Psychology **3**
- PSYC 3110 - Child Development **3**
- PSYC 4140 - Learning and Behavioral Disorders **3**
- PSYC 4360 - Abnormal Psychology **3**

Total Hours: 6

Total Program Hours: 16

Minors (non-degree)

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)

Required Courses:

Survey of the Field (required)

- PSYC 4030 - Introduction to Occupational Health Psychology **3**

Psychosocial Influences (pick one)

- 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**

Macro-Organizational Influences (pick one)

- HHP 3450 - Health Issues of Special Populations **3**
- HHP 4600 - Public Health Law **3**
- LDSP 4400 - Strategic Planning for Organizations **3**
- PSYC 4500 - Psychology Applied to Work **3**
- PSYC 4120 - Human Factors **3**
- SOC 4300 - Work, Occupations, and Society **3**

Electives

Pick three (3) not fulfilling a requirement above

- 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 Planning for Organizations **3**
- PSYC 3340 - Health Psychology **3**
- PSYC 4120 - Human Factors **3**
- PSYC 4500 - Psychology Applied to Work **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 Program Hours 18

Psychological Science Minor

Department of Psychological Science and Counseling
Location: Clement Bldg., Room 205Phone: 931-221-7233
Website: www.apsu.edu/psychology

Required Course

- PSYC 1030 - Introduction to Psychology 3

Electives

- Fifteen (15) credit hours of electives and at least twelve (12) credit hours should be 3000-4000 course level. No morethan eight hours which count toward another major can be used for a minor in Psychology.

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.

Bachelor of Social Work

Social Work (B.S.W.)

College of Behavioral and Health Sciences

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 with Mid-Tennessee Collaborative partners Tennessee State University and Middle Tennessee State University, the 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major

- Social Work Major

Social Work 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 with Mid-Tennessee Collaborative partners Tennessee State University and Middle Tennessee State University, the MSW, both of which are accredited by the Council on Social Work Education (CSWE).

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Social Work Field Study Requirements: Each semester as students enroll in SW 4400 (1-hour) Seminar for Field Instruction, the field coordinator verifies that each student has been formally admitted to the social work program. Each student's degree evaluation is double-checked to ensure the student has not only a cumulative GPA of 2.0 or higher, but also has a social work GPA of 2.0 or higher. The pre-requisites/co-requisites are verified on the degree evaluation along with ensuring the student has received a C or better in practice courses. If the student is in a practice course as a co-requisite to SW 4400, the grades are checked at the end of the semester and if the student did not receive a C or better, the student is not allowed to proceed to field until the practice course is successfully completed. If a studentdoes not meet the criteria to be admitted to field practice, the field coordinator meets with the student to develop a plan that will allow the student to meet the criteria and proceed to the field practicum.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

Social work majors are required to select PSYC 1030 and SOC 1010 as their social and behavioral science core. The department suggests MATH 1530, although we will accept any of the other core math courses. Four of the 8 required hours in natural sciences must be in a biology course with substantive human content. We recommend BIOL 1040/BIOL 1041 but will also accept BIOL 2010/BIOL 2011.

Major Core Requirements

Lower Division Courses

- 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 3450 - Human Behavior in the Macro Social Environment **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

Select three (3) courses from the list below. (Additional courses may be selected to fulfill the 20 hours of free electives described in the final section.

- 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

- Students will need to complete 20 hours of general electives

Total Hours 20

Total Program Hours 120

Department of Sociology

College of Behavioral and Health Sciences
Location: McCord, 205
Phone: 931-221-7540
Website: www.apsu.edu/sociology

Sociology is the study of society in all of its forms from the interaction of individuals to large organizations. The sociology major emphasizes the theoretical and applied aspects of the field of sociology. Applied Sociology is the use of sociological theory and methods to analyze and solve personal, social, structural, and societal problems and issues that exist in our everyday social world. Students majoring in sociology will be able to apply their sociological perspective to a wide variety of jobs in such sectors as business, the health professions, the criminal justice system, social services, and government. Since the discipline involves investigative skills and working with diverse groups, sociology offers valuable preparation for careers in journalism, education, politics, public relations, business, or public administration. As a strong liberal arts major, sociology provides preparation for future graduate work in the discipline ranging from the M.A. to Ph.D. in order to become a professor, researcher, or applied sociologist. A minor is required. Courses cannot be counted in both the major and minor. A departmental exit exam is required the last semester before graduation.

Bachelor of Science

Sociology (B.S.)

College of Behavioral and Health Sciences

Department of Sociology

Location: McCord Bldg., Room 205
Phone: 931-221-7540
Website: www.apsu.edu/sociology

Description of Major

Sociology is the systematic study of society in all of its forms ranging from the interaction of individuals to the dynamics of large organizations. The sociology major emphasizes the theoretical and applied aspects of the field of sociology. Applied Sociology is the use of sociological theories and methods to analyze and address personal, structural, and societal issues that exist in our everyday lives. Students majoring in sociology will be able to apply a sociological perspective in a wide variety of careers in such sectors as business, healthcare administration, criminal justice, social services, 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, business, 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 has a strong track record for placing undergraduates in top graduate programs in sociology and related social science disciplines. All sociology majors are required to complete a departmental exit exam during the semester preceding graduation.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major

- Sociology Major

Sociology Major

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**
- SOC 1010 - Introduction to Sociology **3**

Major Core Requirements

Lower Division Courses

- SOC 1010 - Introduction to Sociology **3**
- SOC 1040 - Social Problems **3**
- SOC 2700 - Sociology as a Profession **3**

Total Hours 9

Upper Division Courses

- 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 3740 - Reading and Writing for Sociology **3**
- SOC 3760 - Methods of Social Research **3**
- SOC 3770 - Social Statistics **3**
- SOC 4000 - Sociological Theory **3**
- SOC 4910 - Senior Capstone **3**

Total Hours 24

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 3060 - Contemporary Issues in the Family **3**
- SOC 3070 - Families Across Cultures **3**
- SOC 3150 - Social Psychology of Everyday Life **3**
- SOC 3250 - Social Institutions **3**
- SOC 3700 - Health, Illness, and Medicine **3**
- SOC 3750 - Population Dynamics **3**
- SOC 440I - Sociology Internship **0 to 12**
- SOC 4850 - Sociology Service Learning **3**
- SOC 4900 - Selected Topics in Sociology **3**
- SOC 499A - Directed Individual Study **1**
- SOC 499B - Directed Individual Study **2**
- SOC 499C - Directed Individual Study **3**

Total Hours 9

Free Electives

- Students will need to complete 39 credit hours of general electives

Total Hours 39

Total Program Hours 120

Interdisciplinary Health and Social Justice Certificate

Drawing from interdisciplinary perspectives, this 9 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 two courses across three disciplines for a total of 9 credits.

Certificate Requirements

- IHSJ 2500 - Health and Social Justice **3**

Complete nine (9) hours from:

- HHP 3450 - Health Issues of Special Populations **3**
- HHP 3600 - Communication and Advocacy **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 12

Minors (non-degree)

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.

Required Courses

Select one (1) course from the list below

- AGRI 1040 - Environmental Science **3** /AGRI 1041 **1** (lab)
- GEOG 4040 - Sustainable Development **3**
- SOC 3250 - Social Institutions **3**

Select remaining credit hours from the courses listed below

- AGRI 3000 - Conservation **3**
- AGRI 4110 - Agro-Terrorism **3**
- AGRI 4230 - Land Use **3**

- AGRI 4420 - Forestry **2** / AGRI 4421 **1** (lab)
- BIOL 4080 - General Ecology **3** /BIOL 4081 **1** (lab)
- BIOL 4650 - Field Study Biogeography and Biodiversity **4**
- CRJ 3440 - Crime Prevention **3**
- ENGT 3710 - Introduction to Environmental Engineering Technology **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 3960 - Urban Environment
- 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 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.

Required Courses

- 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

Sociology Minor

Department of Sociology
Location: McCord Bldg., Room 205
Phone: 931-221-7540
Website: www.apsu.edu/sociology

The Sociology minor provides a general overview to the discipline of sociology.

Required Courses

- SOC 1010 - Introduction to Sociology **3**
- SOC 1040 - Social Problems **3**
- SOC 2900 - Marriage and the Family **3**

Total Hours 9

Electives

Select three (3) courses from the list below

- 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 - Social Statistics **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: Bachelor of Science in Nursing (BSN), this includes the RN-BSN Completion track (for licensed AS degree RN's), and, a Master of Science in Nursing.

Completion of the pre-licensure undergraduate program 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. A The Master of Science in Nursing degree offers two concentrations: Family Nurse Practitioner, or Nursing Education. Post Master's certificates are also available for students who have completed a master's degree in nursing and are seeking additional specialization in one of the above concentrations. Both the RN-BSN Completion track and the MSN are offered online.

Students must review their course of studies with a designated School of Nursing Advisor each semester.

Bachelor of Science in Nursing

Nursing (B.S.N.)

College of Behavioral and Health Sciences

School of Nursing

Location: McCord Bldg., Room 218
Website: www.apsu.edu/nursing

Dr. Eve Rice
Interim 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 Bachelors 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 tracks for completing the BSN:

- The Pre-Licensure Track 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-BSN Track 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- BSN Track 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

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Nursing Major
- RN to BSN Concentration

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

Admission Requirements for the BSN Pre-Licensure Track

(See www.apsu.edu/nursing for latest admission criteria)

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.

Fall Start: Application for the Fall Semester are available from March 1st to May 1st of each year. Applications must be submitted to the School of Nursing by 12:00 p.m. on May 1st for consideration for the Fall Semester.

Spring Start: Application for the Spring Semester are available from July 1st to September 1st of each year. Applications must be submitted to the School of Nursing by 12:00 p.m. on September 1st for consideration for the Spring Semester.

Please check the School of Nursing website for the most current application criteria: www.apsu.edu /nursing

In order to apply Pre-licensure student must:

- Be admitted to Austin Peay State University by the School of Nursing application deadline.
- Complete and submit the School of Nursing application by the application deadline. Only completed applications will be considered for admission.
- Have completed at least 30 hours general education core and nursing pre-requisite courses, maintaining a calculated GPA above 3.0.
- Have a documented plan for completion of remaining 18 hours of general education core and nursing prerequisite classes before the start of nursing courses.

- Have completed the prerequisite Biology courses within seven (7) years of the time of application.

Further admission requirements (for ranking of Pre-licensure applicant pool):

- CALCULATED GPA: A minimum calculated GPA of 3.0 on a 4.0 scale.
- Grades for general education core and nursing prerequisite courses will be used to calculate the GPA for nursing admission.
- If a student attempts a course more than once within the past seven years, the grades from every attempt will be used to calculate the admission GPA.
- All general education core and nursing prerequisites must be completed prior to starting nursing courses. If a conditionally accepted student fails to successfully complete all nursing core and prerequisite courses witha "C" or better the student will not be permitted to begin nursing courses.
- Consideration is given to students who have a calculated GPA greater than 3.0 and/or who have completedall core and pre-requisite courses at Austin Peay.
- Students previously enrolled in a nursing program must submit a letter of good standing from the dean/director of the previous nursing program along with a transcript.
- STANDARDIZED EXAMINATION: All pre-licensure applicants are required to complete the Test of Essential Academic Skills (TEAS) nursing entrance examination by the School of Nursing application deadline.
- The required examination may only be taken once per application period.
- The fee-based examination must be taken on campus at APSU unless there are extenuating circumstances recognized by the School of Nursing Admission and Retention Committee.

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.

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**

Total Hours 17

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 - Introduction to Nursing **4**
- NURS 2031 - Introduction to 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 3050 - Nursing Informatics **1**
- 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 Clinic **4**
- NURS 3080 - Lifespan Pharmacology **3**
- 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 Management **3**
- NURS 4071 - Nursing Leadership and 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

College of Behavioral and Health Sciences

School of Nursing

Dr. Debra Wilson
RN-BSN Concentration Facilitator
Email: rntobsn@apsu.edu
Phone: 931-221-6472
For information visit: http://www.apsu.edu/nursing/bachelornursing/index.php

Admission Requirements for the RN-BSN Concentration

Admission to Austin Peay State University does not guarantee acceptance to the School of Nursing.

The RN-BSN concentration has five admission cycles each year:

- Fall I Start: Applications must be submitted to the School of Nursing by 12:00 p.m. on August 12 for consideration for the Fall I semester.
- Fall II Start: Applications must be submitted to the School of Nursing by 12:00 p.m. on October 12 for consideration for the Fall II semester.
- Spring I Start: Applications must be submitted to the School of Nursing by 12:00 p.m. on December 1st for consideration for the Spring I semester.
- Spring II Start: Applications must be submitted to the School of Nursing by 12:00 p.m. March 9 for consideration for the Spring II semester.
- Summer III Start: Applications must be submitted to the School of Nursing by 12:00 p.m. on May 13 for consideration for the Summer III semester.

Please check the School of Nursing website for the most current application criteria: www.apsu.edu/nursing
RN-BSN Concentration Application

In order to apply, RN-BSN concentration students must:

- Complete and submit the APSU RN to BSN application by the deadline.
- 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 completed specified nursing prerequisite classes with a minimum college cumulative grade of "C" in all courses.
- Have an active, unencumbered RN license or be eligible for licensure.
- 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.

Following acceptance to the RN BSN Concentration

Following acceptance into the BSN program, RN-BSN concentration students must:

- Provide a complete program package with evidence of CPR, and required health regulation, including vaccines.
- 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.
- Provide evidence of liability and personal health insurance.

Progression and Clinical

- RN -BSN clinical courses may be scheduled at sites near the student's home with appropriately credentialed preceptors. The sites must be approved by the course faculty and there must be a contract in place between the facility and the university.
- BSN Undergraduate Progression and Graduation Requirements: Meet core performance and professional (technical) standards. See specific criteria under the School of Nursing BSN Student Handbook. A grade of "C" or better is required to pass any nursing course and to progress in the curriculum. When a course has a clinical component, the student must pass both the theory and clinical component in order to pass the class. 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.

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 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 - Pathophysioloy 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 **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 3342 - Transcultural 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

- Remaining hours come from 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:
    - COMM 2045
    - ENGL 1020
    - MATH 1530 (or MATH 1810 or MATH 1910)
    - ACCT 2010
    - ACCT 2020
    - 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 and concentration courses;
- 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

College of Business
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.

Bachelor of Business Administration

Accounting (B.B.A.)

College of Business

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

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

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

Major Requirements that Satisfy General Education Core

- ECON 2100 - Principles of Macroeconomics **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**
- ECON 2200 - Principles of Microeconomics **3**
- MGT 2010 - Principles of Management and Organizational Behavior **3**
- MKT 2010 - Principles of Marketing **3**

Total Hours 15

Upper Division Courses

- ACCT 3010 - Intermediate Accounting I **3**
- ACCT 3020 - Intermediate Accounting II **3**
- ACCT 3110 - Cost Accounting **3**
- ACCT 3710 - Accounting Information Systems **3**
- ACCT 4020 - Accounting Seminar in Ethics **1**
- ACCT 4210 - Auditing **3**
- ACCT 4230 - Data Analytics for Accounting **3**
- ACCT 4310 - Income Tax Accounting **3**
- FIN 3010 - Principles of Finance **3**
- MGT 3001 - Technology for Business **1**
- MGT 3200 - Global Business **3**
- MGT 3300 - Social, Legal, and Political Environment of Business **3**
- MGT 3310 - Data Analytics and Statistics **3**
- MGT 3410 - Production Operations Management **3**
- MGT 4001 - Professional Development Seminar **1**
- MGT 4810 - Strategic Management **3**

Total Hours 42

Major Guided Electives

- Select any three (3) upper level Accounting courses except 3000 (9 hours total)
- Complete three (3) hours of Upper Division credit from ACCT, ECON, FIN, MGT, or MKT

Total Hours 12

General Electives

Total Hours 9

Total Program Hours 120

Finance (B.B.A.)

College of Business

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

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Economics Concentration
- Finance Major

Economics Concentration

Economists analyze the relationship between the supply of goods and services and the demand for them, and how goods and services are produced, distributed, and consumed. Many economics graduates employ their understanding of economics to pursue careers in business organizations in such areas as marketing analysis, financial analysis, forecasting, purchasing, pricing, production/cost analysis, or risk analysis. A strong understanding of economics enables the business economist to determine demand for the good or service, how much of the good should be supplied in a period, and the optimal price of the good or service. Economics graduates who pursue work in the public sector are able to assist in such practical matters as the control of inflation, business cycles, unemployment, as well as wage, tax, and tariff policies.

In the United States, and in other countries throughout the world, government policies and actions have a major economic impact. Economists are able to analyze and interpret these government economic policies, and if they affect purchasing power, price levels, employment levels, competitive forces, the balance of payments, or a host of other economic factors. The basic foundation of economics as a field of study rests on the fact that resources are limited, while wants and desires are unlimited. The use of limited resources to maximize consumer satisfaction, business profits, or net societal benefits is the central organizing principle of our economic society.

The economist helps business firms, individuals, and local, state, and federal government agencies in understanding how to organize and use economic resources most efficiently.

Career Opportunities in Economics

Since economics is diverse, it is widely recognized as providing a solid background for many jobs and professions. For careers in business, public administration, and government, the economics graduate is well trained to compete with majors in other business and liberal arts programs.

Large firms tend to have whole divisions dedicated to economic research, with a number of economists addressing specialized areas. Smaller firms, on the other hand, tend to hire only one or two economists to address a number of general areas: planning, forecasting, finance, and other duties.

The role of the economist may differ from that of the manager, but not always. Economists analyze data and provide information; the manager uses this information to make decisions. Today, the economists can not only analyze the data, but act upon it, too. This may explain why so many corporate CEO's rise to their positions through the economics division.

For more information regarding a career in economics, see the U.S. Department of Labor's "Occupational Outlook Handbook."

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 1530 - Elements of Statistics **3**
- MATH 1810 - Elements of Calculus **3**
- MATH 1910 - Calculus I **4**

Total Hours 6-7

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**
- ECON 2200 - Principles of Microeconomics **3**
- MGT 2010 - Principles of Management and Organizational Behavior **3**
- MKT 2010 - Principles of Marketing **3**

Total Hours 15

Upper Division Courses

- FIN 3010 - Principles of Finance **3**
- MGT 3001 - Technology for Business **1**
- MGT 3002 - Ethics and Diversity in Business **1**
- MGT 3200 - Global Business **3**
- MGT 3300 - Social, Legal, and Political Environment of Business **3**
- MGT 3310 - Data Analytics and Statistics **3**
- MGT 3410 - Production Operations Management **3**
- MGT 4001 - Professional Development Seminar **1**
- MGT 4100 - Management Information System **3**
- MGT 4810 - Strategic Management **3**

Total Hours 24

Concentration Requirements

Required Courses

- ECON 3010 - Intermediate Microeconomics **3**
- ECON 3020 - Intermediate Macroeconomics **3**
- FIN 3310 - Investments **3**
- FIN 4010 - Managerial Finance **3**
- FIN 4210 - Financial Markets and Institutions **3**
- FIN 4410 - Selecting Equity Investments **3**

Total Hours 18

Electives

- Upper division Economics electives **9**
- Upper division Finance or Economics electives **3**

Total Hours 12

Free Electives

- Any General Electives (outside of the major) **9**

Total Hours 9

Total Program Hours 120

Finance Major

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 1530 - Elements of Statistics **3**
- MATH 1810 - Elements of Calculus **3**
- MATH 1910 - Calculus I **4**

Total Hours 6-7

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**
- ECON 2200 - Principles of Microeconomics **3**
- MGT 2010 - Principles of Management and Organizational Behavior **3**
- MKT 2010 - Principles of Marketing **3**

Total Hours 15

Upper Division Courses

- FIN 3010 - Principles of Finance **3**
- MGT 3001 - Technology for Business **1**
- MGT 3002 - Ethics and Diversity in Business **1**
- MGT 3200 - Global Business **3**

- MGT 3300 - Social, Legal, and Political Environment of Business **3**
- MGT 3310 - Data Analytics and Statistics **3**
- MGT 3410 - Production Operations Management **3**
- MGT 4001 - Professional Development Seminar 1
- MGT 4100 - Management Information System **3**
- MGT 4810 - Strategic Management **3**

Total Hours 24

Finance Major

Required 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 4400 - Financial Policy **3**
- FIN 4410 - Selecting Equity Investments **3**

Total Hours 18

Major Guided Electives

- Complete six (6) hours of Finance electives 3000-4999 **6**
- Complete six (6) hours of Business electives 3000-4999 **6**

Total Hours 12

Free Electives

- Any General Electives (outside of the major) **9**

Total Hours 9

Total Program Hours 120

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/

Required Courses

- ACCT 2010 - Principles of Accounting I **3**
- ACCT 2020 - Principles of Accounting II **3**
- ACCT 3010 - Intermediate Accounting I **3**

Guided Electives

- Select upper division Accounting courses approved by the Chair **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/

Required Courses

- ECON 3220 - Managerial Economics **3**
  or
  ECON 2100 - Principles of Macroeconomics 3
  and
  ECON 2200 - Principles of Microeconomics 3
- ECON 3010 - Intermediate Microeconomics **3**
- ECON 3020 - Intermediate Macroeconomics **3**

Guided Electives

- Upper division Economic courses **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/

Required Courses

- ACCT 2001 - Foundations of Accounting **3**
  or
  ACCT 2010 Principles of Accounting I **3** / ACCT 201L Principles of Accounting I Lab
  and
  ACCT 2020 Principles of Accounting II **3**
- ECON 3220 - Managerial Economics **3**
  or
  ECON 2100 - Principles of Macroeconomics 3
  and
  ECON 2200 - Principles of Microeconomics 3
- FIN 3010 - Principles of Finance **3**
- FIN 3310 - Investments **3**
- FIN 4210 - Financial Markets and Institutions **3**

Guided Elective

- Upper division Finance course **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

The Real Estate Minor is designed to serve the needs of students interested in preparing for careers within the real estate market and its related industries.

Special criteria for Finance Concentration students

FIN 3610 and FIN 3620 are required in the Real Estate Minor. These two classes are also listed as an option in the Finance Concentration. If you have declared your concentration as Finance and will also minor in Real Estate, you may not use these two classes to cover four requirements.

Required Courses

- FIN 3310 - Investments **3**
- FIN 3610 - Principles of Real Estate **3**
- FIN 3620 - Real Estate Finance **3**
- FIN 4210 - Financial Markets and Institutions 3

Select two (2) courses from the list below

- ECON 3960 - Urban Environments and Economics **3**
- FIN 3010 - Principles of Finance **3**
- MGT 3310 - Data Analytics and Statistics **3**
- MKT 2010 - Principles of Marketing **3**
- MKT 3110 - Salesmanship **3**
- MKT 3610 - e-Commerce I **3**
- MKT 3710 - Business Mapping **3**

Total Hours 18

Department of Management and Marketing

College of Business
Chair: Victoria McCarthy, Ph.D.
Location: Kimbrough 235
Phone: 931-221-7674
e-mail: mccarthyv@apsu.edu
Website: 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.

Bachelor of Business Administration

Management (B.B.A.)

College of Business

Department of Management and Marketing

Chair: Victoria McCarthy, Ph.D.
Location: Kimbrough Bldg., Room 235
Phone: 931-221-6366
Email: mccarthyv@apsu.edu
Website: http://www.apsu.edu/business

Description of Major

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major

- Management Major

Management Major

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 1530 - Elements of Statistics **3**
- MATH 1810 - Elements of Calculus **3**
- MATH 1910 - Calculus I **4**

Total Hours 6-7

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**
- ECON 2200 - Principles of Microeconomics **3**
- MGT 2010 - Principles of Management and Organizational Behavior **3**
- MKT 2010 - Principles of Marketing **3**

Total Hours 27

Upper Division Courses

- FIN 3010 - Principles of Finance **3**
- MGT 3001 - Technology for Business **1**
- MGT 3002 - Ethics and Diversity in Business **1**
- MGT 3110 - Organization Behavior and Theory **3**
- MGT 3200 - Global Business **3**
- MGT 3210 - Human Resource Management **3**
- MGT 3300 - Social, Legal, and Political Environment of Business **3**
- MGT 3310 - Data Analytics and Statistics **3**
- MGT 3410 - Production Operations Management **3**
- MGT 3610 - Entrepreneurship 3
- MGT 4001 - Professional Development Seminar **1**
- MGT 4010 - Evolution of Management Thought **3**
- MGT 4100 - Management Information System **3**
- MGT 4110 - International Management **3**
- MGT 4810 - Strategic Management **3**

Total Hours 39

Major Guided Electives

Upper Division Courses

- Management upper division (3000-4000) level course electives **6**
- Business upper division (3000-4000) level course electives **6** (except ACCT 3001 or MKT 3001)

Total Hours 12

Free Electives

- Any General Electives (outside of the major) **12**

Total Hours 12

Total Program Hours 120

Marketing (B.B.A.)

College of Business

Department of Management, Marketing and General Business

Chair: Victoria McCarthy, Ph.D.
Location: Kimbrough Bldg., Room 235
Phone: 931-221-6366
Email: mccarthyv@apsu.edu
Website: http://www.apsu.edu/business

Description of Major

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major

- Marketing Major

Marketing Major

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 1530 - Elements of Statistics **3**
- MATH 1810 - Elements of Calculus **3**
- MATH 1910 - Calculus I **4**

Total Hours 6-7

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**
- ECON 2200 - Principles of Microeconomics **3**
- MGT 2010 - Principles of Management and Organizational Behavior **3**
- MKT 2010 - Principles of Marketing **3**

Total Hours 15

Upper Division Courses

- FIN 3010 - Principles of Finance **3**
- MGT 3001 - Technology for Business **1**
- MGT 3002 - Ethics and Diversity in Business **1**
- MGT 3200 - Global Business **3**
- MGT 3300 - Social, Legal, and Political Environment of Business **3**
- MGT 3310 - Data Analytics and Statistics **3**
- MGT 3410 - Production Operations Management **3**
- MGT 4001 - Professional Development Seminar **1**
- MGT 4100 - 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 42

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) **12**

Total Hours 12

Total Program Hours 120

Minors (non-degree)

Business Administration Minor

Department of Management, Marketing and General Business
Chair: Victoria McCarthy, Ph.D.
Location: Kimbrough Bldg., Room 235
Phone: 931-221-6366
Email: mccarthyv@apsu.edu
Website: http://www.apsu.edu/business

Requirements

- ACCT 2001 - Foundations of Accounting **3**
  or
  ACCT 2010 Principles of Accounting I **3 / ACCT 201L Principles of Accounting I Lab 0**
  and
  ACCT 2020 Principles of Accounting II **3**
- ECON 3220 - Managerial Economics **3** (or ECON 2100 and 2200)
- 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**
- Elective -- select upper division Management or Marketing course 3

Total Hours 21-27

Entrepreneurship Minor

Department of Management, Marketing and General Business
Chair: Victoria McCarthy, Ph.D.
Location: Kimbrough Bldg., Room 235
Phone: 931-221-6366
Email: mccarthyv@apsu.edu
Website: http://www.apsu.edu/business

Required Courses

- MGT 3610 - Entrepreneurship **3**
- MGT 3630 - Creativity and Ideation **3**
- MGT 3640 - Business Modeling **3**
- MGT 4640 - Venturing **3**

Minor Guided Electives

Select six (6) hours of elective credit:

- Elective Credit **6** (in consultation with academic advisor)

Total Hours 18

Management Minor

Department of Management, Marketing and General Business

Chair: Victoria McCarthy, Ph.D.
Location: Kimbrough Bldg., Room 235
Phone: 931-221-6366
Email: mccarthyv@apsu.edu
Website: http://www.apsu.edu/business

Required Courses

- ACCT 2001 - Foundations of Accounting **3**
  or
  ACCT 2010 Principles of Accounting I **3** / ACCT 201L Principles of Accounting I Lab **0**
  and
  ACCT 2020 Principles of Accounting II **3**
- ECON 3220 - Managerial Economics **3** (or ECON 2010 and 2020)
- MGT 2010 - Principles of Management and Organizational Behavior **3**

Free Electives

- Select upper division Management courses **12**

Total Hours 21-27

Marketing Minor

Department of Management, Marketing and General Business

Chair: Victoria McCarthy, Ph.D.
Location: Kimbrough Bldg., Room 235
Phone: 931-221-6366
Email: mccarthyv@apsu.edu
Website: http://www.apsu.edu/business

Required Courses

- ACCT 2001 - Foundations of Accounting **3**
  or
  ACCT 2010 Principles of Accounting I **3 /** ACCT 201L Principles of Accounting I Lab **0**
  and
  ACCT 2020 Principles of Accounting II **3**
- ECON 3220 - Managerial Economics **3** (or ECON 2010 and 2020)
- MKT 2010 - Principles of Marketing **3**

Free Electives

- Select upper division Marketing courses **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 Interdisciplinary Studies (PreK-3, elementary and middle graders), 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: Interdisciplinary Studies (PreK-3, K-6; 6- 8 Math and Science) and Special Education (K-12 Comprehensive, K-8 Interventionist and SPED 6-12).

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

Appeal Process

Students who have not met one of the requirements for advancing through Transition Points I or II have the option of appealing for a waiver of the requirement and temporary admission to the program.

To begin the appeal process, each student must submit a letter of explanation, a current transcript, a copy of required PRAXIS I - CASE test scores, a completed Appeals Application Form, and two letters of support from faculty. In order for an appeal to be considered, it must be turned in at least one week before the first day of classes of any given semester. The completed form, test scores, transcript, and letters of support should be turned in to the Office of Teacher Licensing in Claxton 228 by the deadline.

GPA Appeal Process

Students with a GPA below the minimum (2.5 Transition Point I; 2.75 Transition Point II) may appeal to advance in their program by submitting an advisor-approved plan for increasing their GPA to the required level.

PRAXIS I (CASE) Appeal Process

Students who have not achieved a passing score on one out of three subtests of the PRAXIS I (CASE) after taking it twice, may appeal for an exception to this provisional admission requirement if all of the following conditions are met:
1. The student must meet the minimum cut-off scores for two of the three subtests.
2. The appealed PRAXIS I (CASE) subtest score cannot vary more than 5 points below the acceptable minimum score, and the student must meet the following criteria:
The student must have a GPA of 2.75; and
The student must have at least a "B" average in English 1010 and 1020 if appealing the Reading and Writing test or ACT Composite; and
The student must have at least a "B" average in all required mathematics courses if appealing the Mathematics test or ACT Composite; and
All of the above courses must have been taken at an accredited college.

All decisions regarding appeals will be made by the Appeals Committee of the College of Education. The student will be notified in writing of the committee's decision.

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 Educational Specialties

Martha Dickerson Eriksson College of Education

Location: Claxton, 210
Phone: 931-221-7696

Website: www.apsu.edu/educ/

Department of Teaching and Learning

Martha Dickerson Eriksson College of Education

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.

Bachelor of Science

Education, B.S.

Martha Dickerson Eriksson College of Education

Department of Teaching and Learning

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

Lower Division Courses

- APSU 1000 - Freshmen Seminar **1**
- ART 1035 - Introduction to Art **3**
  or
  THEA 1030 - Introduction to Theatre 3
- BIOL 1010 - Introduction to Biology **3** / BIOL 1011 (lab) **1**
  or
  BIOL 1020 - Diversity of Life **3** / BIOL 1021 (lab) **1**
- CHEM 1710 - Introduction to Chemistry and Physics **3** / CHEM 1711 (lab) **1**
  or
  PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World **3** / PHYS 1021 (lab) **1**
- COMM 2045 - Public Speaking **3**
- ENGL 1010 - English Composition I **3**
- ENGL 1020 - English Composition II **3**
- ENGL 2330 - Topics in World Literature **3**
- HIST 2010 - Early United States History **3**
- HIST 2020 - Modern United States History **3**
- HIST 2310 - Early World History **3**
- HHP 1250 - Wellness Concepts and Practice **3**
- MUS 1030 - Introduction to Music **3**
- MATH 1420 - Structure of Mathematical Systems II **3**

Total Hours 43

Concentrations

- K-5 Licensure Program Concentration
- PreK-3 Concentration
- 6-8 Middle School (Math) Concentration
- 6-8 Middle Grades (Science) Concentration

K-5 Licensure Program Concentration

Students successfully completing this program and required licensure examinations will be eligible to teach grades K-6 in Tennessee schools. Specific admissions criteria and curriculum requirements are available from advisors in the College of Education.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ART 1035 - Introduction to Art **3**
  or
  THEA 1030 - Introduction to Theatre **3**
- BIOL 1010 - Introduction to Biology **3**
  and
- BIOL 1011 - Introduction to Biology Lab **1**
  or
  BIOL 1020 - Diversity of Life **3**
  and
  BIOL 1021 - Diversity of Life Lab **1**
- CHEM 1710 - Introduction to Chemistry and Physics **3**
  and
- CHEM 1711 - Introduction to Chemistry and Physics Lab **1**
  or
  PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World **3**
  and
  PHYS 1021 - Concepts Lab: Electromagnetism, Light and the Quantum World **1**
  or
  ASTR 1010 - Planetary Astronomy **3**
  and
  ASTR 1011 - Planetary Astronomy Lab **1**
  or
  ASTR 1020 - Stellar Astronomy **3**
  and
  ASTR 1021 - Stellar Astronomy Lab **1**
- GEOG 1035 - World Regional Geography I **3**
- HHP 1250 - Wellness Concepts and Practice **3**
- MUS 1030 - Introduction to Music **3**
- MATH 1420 - Structure of Mathematical Systems II **3**

Total Hours 23

Concentration Requirements

Lower Division Courses

- GEOL 1040 - Physical Geology **3**
- GEOL 1041 - Physical Geology Lab **1**
- HIST 2320 - Modern World History **3**
- MATH 1410 - Structure of Mathematical Systems I **3**
- MATH 1550 - Statistics and Probability for K-8 Teachers **3**

Total Hours 13

Upper Division Courses

- LING 4040 - How Language Works **3**
  or
  LING 4050 - English Grammar and Usage **3**

Pre-Residency Block

Transition II required

- EDUC 4300 - Essentials of Teaching English Language Learner 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**
- SPED 4340 - Effective Inclusion Strategies **3**

Residency I

- EDUC 4040 - Teaching Social Studies: K-5 **3**
- MATH 4150 - Teaching Mathematics in Grades 4-6 **3**
- RDG 4030 - Literacy in Upper Elementary Grades **3**
- SCI 4020 - Teaching Science I: K-6 **4**

Residency II

Option I: Student Teaching

- 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**

Option II: Job Embedded Pathway

*Students must be participating in the CMCSS accelerated K-5 program.

- SPED 3300 - Characteristics of Students with Mild/Moderate Disabilities **3**
- SPED 3100 - Early Childhood Special Education **3**
- SPED 4330 - Behavior Management for Exceptional Students **3**

Additional Requirement for Licensure and Graduation

- RDG 4050 - Literature for Children **3**

Total Hours 46

Note

Successful completion of Transition I, II, III, and IV are required for teacher licensure programs.

Minor

Students are required to declare the Professional Education Minor (23 credit hours)

Total Program Hours 124-127

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education Core

- ART 1035 - Introduction to Art **3**
  or
  THEA 1030 - Introduction to Theatre **3**
- ASTR 1010 - Planetary Astronomy **3** and
- ASTR 1011 - Planetary Astronomy Lab **1**
  or
  ASTR 1020 - Stellar Astronomy **3**
  and
  ASTR 1021 - Stellar Astronomy Lab **1**
  or
  CHEM 1710 - Introduction to Chemistry and Physics **3**
  and
  CHEM 1711 - Introduction to Chemistry and Physics Lab **1**
  or
  PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World **3**
  and
  PHYS 1021 - Concepts Lab: Electromagnetism, Light and the Quantum World **1**
- BIOL 1010 - Introduction to Biology **3** and
- BIOL 1011 - Introduction to Biology Lab **1**
  or
  BIOL 1020 - Diversity of Life **3**
  and
  BIOL 1021 - Diversity of Life Lab **1**
- HHP 1250 - Wellness Concepts and Practice **3**
- HIST 2010 - Early United States History **3**
- HIST 2020 - Modern United States History **3**
- MATH 1420 - Structure of Mathematical Systems II **3**
- MUS 1030 - Introduction to Music **3**

PreK-3 Concentration Concentration Requirements

Lower Division Courses

- EC 2200 - Introduction to Early Childhood Education **3**
- HIST 2310 - Early World History **3**
- MATH 1410 - Structure of Mathematical Systems I **3**
- MATH 1550 - Statistics and Probability for K-8 Teachers **3**

Total Hours 12

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 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**
- PSYC 3110 - Child Development **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 51

Concentration Guided Electives

- SOC 2900 - Marriage and the Family **3**
- SOC 3060 - Contemporary Issues in the Family **3**

Total Hours 3

Professional Education Minor Required

Total Program Hours 131

6-8 Middle School (Math) Concentration

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

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ART 1035 - Introduction to Art **3**
  or
  THEA 1030 - Introduction to Theatre **3**
- BIOL 1010 - Introduction to Biology **3**
  and
- BIOL 1011 - Introduction to Biology Lab **1**
  or
  BIOL 1020 - Diversity of Life **3**
  and
  BIOL 1021 - Diversity of Life Lab **1**
- CHEM 1710 - Introduction to Chemistry and Physics **3**
  and
- CHEM 1711 - Introduction to Chemistry and Physics Lab **1**
  or
  PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World **3**
  and
  PHYS 1021 - Concepts Lab: Electromagnetism, Light and the Quantum World **1**
- HIST 2010 - Early United States History **3**
- HIST 2020 - Modern United States History **3**
- HHP 1250 - Wellness Concepts and Practice **3**
- MUS 1030 - Introduction to Music **3**

- MATH 1420 - Structure of Mathematical Systems II **3**

Concentration Requirements

Lower Division Courses

- EDUC 2100 - Foundations of Education **2**
- CSCI 1010 - Introduction to Programming I **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 29

Upper Division Courses

- EDUC 3001 - Educational Psychology **3.0**
- 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**
- MATH 4020 - Geometry for Elementary and Middle School 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**

Total Hours 51

Free Electives

- Select any one (1) credit hour **1**

Total Hours 1

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 124 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- ART 1035 - Introduction to Art **3**
  or
  THEA 1030 - Introduction to Theatre **3**
- BIOL 1010 - Introduction to Biology **3**
  and
- BIOL 1011 - Introduction to Biology Lab **1**
- CHEM 1710 - Introduction to Chemistry and Physics **3**
  and
- CHEM 1711 - Introduction to Chemistry and Physics Lab **1**
- GEOG 1015 - Physical Geography **3**
- HIST 2010 - Early United States History **3**
- HIST 2020 - Modern United States History **3**
- HHP 1250 - Wellness Concepts and Practice **3**
- MUS 1030 - Introduction to Music **3**
- MATH 1420 - Structure of Mathematical Systems II **3**

Concentration Requirements

Lower Division Courses

- ASTR 1010 - Planetary Astronomy **3**
- ASTR 1011 - Planetary Astronomy Lab **1**
- BIOL 1020 - Diversity of Life **3**

- BIOL 1021 - Diversity of Life Lab **1**
- EDUC 2100 - Foundations of Education **2**
- 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 26

Upper Division Courses

- EDUC 3001 - Educational Psychology **3.0**
- 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**
- 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**
- 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 - Teaching Science I: K-6 **4**
- SCI 4030 - Teaching Science II: K-6 **4**
- SPED 4340 - Effective Inclusion Strategies **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 125

Special Education (B.S.)

Martha Dickerson Eriksson College of Education

Department of Teaching and Learning

Location: Claxton Bldg., Room 304
Phone: 931-221-7518
Website: www.apsu.edu/educ/

Description of Major

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

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

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

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 withsevere/profound disabilities across multiple disciplines throughout the K-12 grade spans.

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 **2**

Total Hours 2

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 38

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 120

K-8 Interventionist Concentration

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 2301 - Planning and the Learning Environment for Diverse Learners **3**

Total Hours 9

Upper Division Courses

- SPED 4000 - Literacy for Special Populations **3**
- SPED 4500 - Practicum in Special Education **4**

Total Hours 7

Concentration Requirements

Lower Division Courses

- EDUC 2100 - Foundations of Education **2**
- SPED 2300 - Introduction to Special Education **3**

Total Hours 5

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**
- LING 4050 - English Grammar and Usage **3**
- MATH 4100 - Teaching Mathematics in Grades K-3 **3**

- MATH 4150 - Teaching Mathematics in Grades 4-6 **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 4330 - Behavior Management for Exceptional Students **3**
- SPED 4340 - Effective Inclusion Strategies **3**

Total Hours 48

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 123

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.

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**
- BIOL 4400 - Teaching Science in High School **3**

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 - The Adolescent Experience in 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

Minors (non-degree)

English Language Learners (ELL) Minor

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

Required Courses

- EDUC 2100 - Foundations of Education **2**
- 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 23

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/

Successful completion of this minor, successful completion of clinical practice (with seminar), and Tennessee-mandated licensure examinations leads to teaching licensure for the grades listed above. Testing requirements, electronic portfolio development, and other prerequisites for provisional admission and full admission to Teacher Education will require consultation with an education advisor. For students not seeking licensure but a minor in Professional Education, contact the Dean of College of Education.

Required Courses

- EDUC 2100 - Foundations of Education **2**
- EDUC 3001 - Educational Psychology **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 2300 - Introduction to Special Education **3**

Total hours 23

Additional Certification Requirements for Student Teaching

All students seeking certification are required to 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

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 leavittl@apsu.edu
Website: http://www.apsu.edu/costem/

The College of Science, Technology, Engineering and Mathematics provides study for students in the areas of agriculture, astronomy, biology, chemistry, computer science, geosciences, 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. 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 encompasses assisting students to develop critical thinking skills, enhance verbal and written communication abilities, the development of reasoned debate on scientific issues and promotion of civil responsibility.

Our goal is to provide professional training at the undergraduate and graduate level while serving as a foundation for a career in science and mathematics. This goal includes training for allied health professions and pre-professional training in preparation for career in medicine, dentistry, pharmacy, and veterinary science. 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/

PreProfessional Programs

The University offers two-, three-, and four-year preprofessional programs in the fields of study listed below. These programs are designed to prepare the student to meet the minimum requirements for admission to a professional school. All curricula are generally designed to be acceptable to most professional schools. The student, however, should receive confirmation from the professional school whether each course is acceptable for its program and plan the preprofessional curriculum at APSU accordingly.

Preprofessional programs which can be completed in two years do not lead to a degree from APSU; however, degrees in absentia may be obtained from APSU after completion of the first year's work in the professional school for the three- and four-year programs listed herein, provided the requirements for degrees in absentia are met.

Office of Pre-Professional Health Programs
Students wishing to pursue a pre-professional health program such as Pre-Medicine can locate detailed information about each of the programs on the Office of Pre-Professional Health Programs' website. Go to the link below:

https://www.apsu.edu/costem/pre-professional-health/index.php

Program	Department	Years
Agricultural Education	Agriculture	3
Dental Hygiene	Chemistry or Biology	2
Dentistry	Chemistry	3 or 4
Food Technology	Agriculture	2
Forestry	Agriculture	2

Law	Political Science	4
Medicine	Biology or Chemistry	4
Occupational Therapy	Biology	4
Optometry	Biology	4
Pharmacy	Chemistry	2 or 3
Physician's Assistant	Biology or Chemistry	4
Physical Therapy	Biology or HHP	4
Veterinary Medicine	Agriculture	4

Minors (non-degree)

PreProfessional Health Minor

College of Science, Technology, Engineering and Mathematics
Location: Hemlock Building, Room 105
Phone: 931-221-7971; Fax: 931-221-7984
e-mail: meischk@apsu.edu or leavittl@apsu.edu
Website: http://www.apsu.edu/costem/

As an additional option to the preprofessional curricula offered in dentistry, pharmacy, medicine, and veterinary medicine, APSU offers preprofessional programs of study in optometry and physical therapy. Other preprofessional programs are provided by special faculty advisement. Professional programs in the Allied Health specialties of Medical Technology and Radiological Technology are offered by the Department of Allied Health Sciences.

Qualified graduates in these areas are in demand to fill positions in the health-care field, such as public health units, hospitals, research and industrial laboratories, medical clinics, military service units, and university laboratories.

Students who are planning to go on to health graduate programs (medicine, OT, PT, etc.) should consider declaring a pre-professional health minor. This serves as a way for the student and advisor to insure 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 when communicating with Veterans Affairs and Financial Aid with regards to your future plans.

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 as preparation for their plans.

Allied Health Science

- AHS 1010 - Introduction to Healthcare Professions

Biology

- BIOL 1110 - General Biology I **3** /BIOL 1111 **1** (lab)
- BIOL 1120 - General Biology II **3** /BIOL 1121 **1** (lab)
- BIOL 2010 - Human Anatomy and Physiology I **3** /BIOL 2011 **1** (lab)
- BIOL 2020 - Human Anatomy and Physiology II **3** /BIOL 2011 **1** (lab)
- BIOL 2300 - Principles of Microbiology **3** /BIOL 2301 **1** (lab)
- BIOL 3050 - General Microbiology **3** / BIOL 3051 **1** (lab)
- BIOL 3060 - Zoological Diversity **3** / BIOL 3061 **1** (lab)
- BIOL 3130 - Genetics **3** /BIOL 3131 **1** (lab)
- BIOL 3730 - Medical Microbiology **3** /BIOL 3731 **1** (lab)
- BIOL 3760 - Immunology and Serology **3** /BIOL 3761 **1** (lab)
- BIOL 4110 - Animal Physiology **3** /BIOL 4111 **1** (lab)
- BIOL 4160 - Human Physiology **3** /BIOL 4161 **1** (lab)

- BIOL 4200 - Developmental Biology **3** / BIOL 4201 **1** (lab)
- BIOL 4300 - Bacteriology **3** /BIOL 4301 **1** (lab)
- BIOL 4410 - Reproductive Physiology **3** / BIOL 4411 **1** (lab)
- BIOL 4440 - Cell and Molecular Biology **3** /BIOL 4441 **1** (lab)
- BIOL 4450 - Biotechnology **3** / BIOL 4451 **1** (lab)

Chemistry

- CHEM 1110 - General Chemistry I **3** /CHEM 1111 **1** (lab)
- CHEM 1120 - General Chemistry II **3** CHEM 1121 **1** (lab)
- CHEM 3040 - Scientific Perspectives on Women's Wellness **3**
- 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)
- CHEM 4300 - Brief Biochemistry **3** /CHEM 4301 **1** (lab)
- CHEM 4310 - Biochemistry I **3** /CHEM 4311 **1** (lab)
- CHEM 4320 - Biochemistry II **3** /CHEM 4321 **1** (lab)
- CHEM 4340 - Advanced Biochemistry **4**
- CHEM 4360 - Biochemical Toxicology **3**

Classics

- CLAS 2110 - Medical and Scientific Terms **3**

Computer Science

- CSCI 1005 - Introduction to Information Technology **3**

Economics

- ECON 2100 - Principles of Macroeconomics **3**

English

- ENGL 2700 - Scientific Writing **3**

Health & Human Performance

- HHP 1250 - Wellness Concepts and Practice **3**
- HHP 3000 - Health Care Management **3**
- HHP 3030 - Nutrition: Science and Application **3**
- HHP 3110 - Substance Use and Abuse **3**
- HHP 3300 - Anatomical Kinesiology **3**
- HHP 3410 - Health Disparities **3**
- HHP 4000 - Introduction to Gerontology **3**
- HHP 4030 - Living, Dying, Grieving **3**
- HHP 4040 - Sport Psychology **3**
- HHP 4070 - Human Health and Disease **3**
- HHP 4220 - Analysis of Movement **3**
- HHP 4250 - Physiology of Exercise **3**
- HHP 4300 - Introduction to Stress Management **3**
- HHP 4500 - Epidemiology and Biostatistics **3**

Mathematics

- MATH 1110 - Algebraic Problem Solving **3**
- MATH 1530 - Elements of Statistics **3**
- MATH 1710 - Precalculus Algebra **3**
- MATH 1730 - Precalculus **4**
- MATH 1910 - Calculus I **4**
- MATH 1920 - Calculus II **4**

Philosophy

- PHIL 1040 - Introduction to Ethics **3**
- PHIL 2300 - Medical Ethics **3**

Physics

- 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)

Psychology

- PSYC 1030 - Introduction to Psychology **3**
- PSYC 3100 - Developmental Psychology **3**
- PSYC 3110 - Child Development **3**
- PSYC 3120 - Adult Development **3**
- PSYC 3200 - Adolescent Development **3**
- PSYC 3340 - Health Psychology **3**
- PSYC 4010 - Death, Dying and Bereavement **3**
- PSYC 4360 - Abnormal Psychology **3**

Radiology

- RLTN 2050 - Medical Terminology **1**

Sociology

- SOC 1010 - Introduction to Sociology **3**
- SOC 1040 - Social Problems **3**
- SOC 3700 - Health, Illness, and Medicine **3**

Total Hours 18 (minimum)

Department of Agriculture

College of Science, Technology, Engineering and Mathematics
Location: Sundquist Science Complex, D232
Phone: 931-221-7272
Website: www.apsu.edu/agriculture/

Bachelor of Science

General Agriculture (B.S.)

College of Science, Technology, Engineering and Mathematics

Department of General Agriculture

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 five concentrations: Agri-Business, Agri-Science, Agri-Communications, PreVeterinary Medicine or Sustainable Development. In each case, a strong broad-based understanding of American agriculture will be developed.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements that Satisfy General Education Core

- ECON 2100 - Principles of Macroeconomics **3**
- BIOL 1010 - Introduction to Biology **3**
  or
  BIOL 1110 - General Biology I **3** / BIOL 1111 **1**
- CHEM 1010 - Introductory Chemistry I **3**
  or
  CHEM 1110 - General Chemistry I / CHEM 1111 **1**

Total Hours 11

Additional Major Requirements

Additional hours in each concentration are required and must be selected in consultation with advisor and with a viewtoward career goals. No minor is required.

Credit from the following is normally excluded from major

- AGRI 3610 - Internship in Agriculture **2**
- AGRI 3620 - Internship in Agriculture **2**
- AGRI 4610 - Cooperative Educational Experience **5**
- AGRI 4620 - Cooperative Educational Experience **5**
- AGRI 4910 - Special Problems **2**
- AGRI 4920 - Special Problems II **2**
- AGRI 4930 - Special Problems **3**

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements that Satisfy General Education Core

- BIOL 1010 - Introduction to Biology **3** / BIOL 1011 **1** (lab)
- CHEM 1010 - Introductory Chemistry I **3** CHEM 1011 **1** (lab)
- GEOG 1015 - Physical Geography **3**
- MATH 1530 - Elements of Statistics **3**

Major Core Requirements

Lower Division Courses

- AGRI 1310 - Animal Science **3**
- AGRI 2210 - Soils **3** / AGRI 2211 **1** (lab)
  or
  AGRI 4230 - Land Use **3**
- BIOL 1010 - Introduction to Biology **3** / BIOL 1011 **1** (lab)
  or
  BIOL 1110 - General Biology I **3** / BIOL 1111 **1** (lab)

Total Hours 10-11

Upper Division Courses

- AGRI 3500 - Agriculture Economics **3**
- AGRI 4010 - Agriculture Seminar **1**
- AGRI 4430 - Genetics of Crops and Livestock **3**
- AGRI 4500 - Farm Planning and Management **3** / AGRI 4501 **1** (lab)
  or
  AGRI 3110 - Animal Health and Disease **3**

Total Hours 10-11

Concentration Requirements

Lower Division Courses

- AGRI 1410 - Plant Science **3**
  or
  AGRI 3420 - Forage Crops **3**
  / AGRI 1411 - Plant Science Lab **1**
- 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**

Total Hours 22

Upper Division Courses

- AGRI 3500 - Agriculture Economics **3**
- AGRI 4010 - Agriculture Seminar **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

- 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.

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 1410 - Plant Science **3** / AGRI 1411 **1**
  Or
  AGRI 3420 Forage Crops **3**
- AGRI 2210 - Soils **3** / AGRI 2211 **1** (lab)
  or
  AGRI 4230 - Land Use **3**
- AGRI 3500 - Agriculture Economics **3**
- AGRI 4010 - Agriculture Seminar **1** (and AGRI 4020 Agriculture Seminar **1** and AGRI 4030 Senior Success Seminar **1**

Or
AGRI 3380 Companion Animal Management **3**
Or
AGRI 3180 Ethics of Animal Use **3**

- AGRI 4430 - Genetics of Crops and Livestock **3**
- AGRI 4500 - Farm Planning and Management **3** / AGRI 4501 **1** (lab)
  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**

Total Hours 10

Upper Division Courses

- AGRI 3050 - Agricultural Leadership, Education and Communication **3**
- AGRI 4010 - Agriculture Seminar **1**
- AGRI 4020 - Agriculture Seminar **1**
- AGRI 4030 - Senior Success Seminar **1**
- COMM 3200 - Copy Editing **3**
- COMM 3920 - Writing for Professional Communication **3**
- COMM 4150 - Feature Writing **3**

Total Hours 15

Concentration Guided Electives

- AGRI electives **18**
- COMM (broadcasting elective) **3**
- Other electives **15-17**

Total Hours 21

Free Electives

- Students should complete 8-11 credit hours from any additional courses.

Total Hours 8-11

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.

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 2210 - Soils **3** / AGRI 2211 **1** (lab)
  or
  AGRI 4230 - Land Use **3**
- AGRI 3500 - Agriculture Economics **3**
- AGRI 4010 - Agriculture Seminar **1**
- AGRI 4430 - Genetics of Crops and Livestock **3**
- AGRI 4500 - Farm Planning and Management **3** / AGRI 4501 **1** (lab)
  or
  AGRI 3110 - Animal Health and Disease **3**
- BIOL 1010 - Introduction to Biology **3** / BIOL 1011 **1** (lab)
  or
  BIOL 1110 - General Biology I **3** / BIOL 1111 **1** (lab)

Total Hours 20-22

Concentration Requirements

Lower Division Courses

- 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

Free Electives

- AGRI electives **10**
- Other electives **20-22**

Total Hours 30-32

Total Program Hours 120

Pre-Veterinary Medicine Concentration

Three- or Four-Year Transfer Program (optional)

APSU offers a pre-veterinary medicine concentration that prepares the student for applying to the University of Tennessee, College of Veterinary Medicine. Most veterinary schools have similar admission requirements, and APSU's program can be modified to meet the requirements of most.

The pre-veterinary program of study includes more coursework than the minimum for applying to veterinary school. These additional courses are included to improve the student's chances for success in veterinary school and to complete B.S. degree requirements.

Program Requirements:

- Students may qualify for veterinary school during the third year at APSU.
- Thus students have two degree options at APSU:
  - The student may apply for a degree granted in absentia (see Requirements for Degrees in Absentia) after having successfully completed the first year of veterinary school; or
  - The student may complete all requirements in the four-year curriculum and receive a B.S. degree in Agriculture, Pre-Veterinary Medicine Concentration.

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 2210 - Soils **3** / AGRI 2211 **1** (lab)

or
AGRI 4230 - Land Use **3**

- AGRI 3500 - Agriculture Economics **3**
- AGRI 4430 - Genetics of Crops and Livestock **3**
- AGRI 4500 - Farm Planning and Management **3** / AGRI 4501 **1** (lab)
  or
  AGRI 3110 **3**
- BIOL 1010 - Introduction to Biology **3** / BIOL 1011 **1** (lab)
  or
  BIOL 1110 - General Biology I **3** / BIOL 1111 **1** (lab)

Total Hours 20-22

Concentration Core Requirements that Satisfy General Education Core

- ECON 2100 - Principles of Macroeconomics **3**

Concentration Requirements

Upper Division Courses

- AGRI 3110 - Animal Health and Disease **3**
- AGRI 3180 - Ethics of Animal Use **3**
  or
  AGRI 3380 - Companion Animal Management **3**
- AGRI 3310 - Animal Nutrition and Feeding **3** / AGRI 3311 **1** (lab)
- AGRI 3420 - Forage Crops **3**
- AGRI 4430 - Genetics of Crops and Livestock **3**
  or
  BIOL 3130 - Genetics **3** / BIOL 3131 **1**(lab)
- 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 4300 - Brief Biochemistry **3** / CHEM 4301 **1** (lab)
  or
  CHEM 4310 - Biochemistry I **3** / CHEM 4311 **1** (lab)
  or
  CHEM 4320 - Biochemistry II **3** / CHEM 4321 **1** (lab)

Total Hours 29-34

Concentration Guided Electives

Students should choose at least sixteen (16) hours of elective courses with substantial animal content from Agriculture and Biology. Recommendations include:

- AGRI 2310 - Animal Management Practices **3**
- AGRI 3100 - Anatomy and Physiology of Domestic Animals **2** / AGRI 3101 **1** (lab)
- AGRI 3330 - Beef Production Management **2** / AGRI 3331 **1** (lab)
- AGRI 3350 - Horse Production **2**
- AGRI 3380 - Companion Animal Management **3**
- AGRI 3610 - Internship in Agriculture **2**
- AGRI 3620 - Internship in Agriculture **2**
- AGRI 3710 - Veterinary Technology I **3** / AGRI 3711 **1** (lab)
- AGRI 3720 - Veterinary Technology II **3** / AGRI 3721 **1** (lab)
- AGRI 3730 - Veterinary Terminology **3**
- AGRI 4110 - Agro-Terrorism **3**
- AGRI 4310 - Reproduction in Farm Animals **3** / AGRI 4311 **1** (lab)
- AGRI 4730 - Veterinary Applications
- BIOL 1120 - General Biology II **3** / BIOL 1121 **1** (lab)
- BIOL 2300 - Principles of Microbiology **3** / BIOL 2301 **1** (lab)
- BIOL 3050 - General Microbiology **3** / BIOL 3051 **1** (lab)

- BIOL 3060 - Zoological Diversity **3** / BIOL 3061 **1** (lab)
- BIOL 4070 - Animal Behavior **3** / BIOL 4071 **1** (lab)
- BIOL 4110 - Animal Physiology **3** / BIOL 4111 **1** (lab)
- BIOL 4200 - Developmental Biology **3** / BIOL 4201 **1** (lab)
- CHEM 1120 - General Chemistry II **3** / CHEM 1121 **1** (lab)
- PHYS 2010 - College Physics I **3** / PHYS 2011 **1** (lab)
- PHYS 2020 - College Physics II **3** / PHYS 2021 **1** (lab)

Total Hours 16

Free Electives

Total Hours 10-17

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" (unbruntland 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 geotechnologies that facilitate resource management.

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 2210 - Soils **3** / AGRI 2211 **1**
  or
  AGRI 4230 - Land Use **3**
- AGRI 3500 - Agriculture Economics **3**
- AGRI 4010 - Agriculture Seminar **1**
- AGRI 4430 - Genetics of Crops and Livestock **3**
- AGRI 4500 - Farm Planning and Management **3** /AGRI 4501 **1** (lab)
  or
  AGRI 3110 - Animal Health and Disease **3**
- BIOL 1010 - Introduction to Biology **3**
  or
  BIOL 1110 - General Biology I **3 /** BIOL 1111 **1** (lab)

Total Hours 14-15

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**

Lower Division Courses

- AGRI 1410 - Plant Science **3**
- AGRI 1411 - Plant Science Lab **1**
- AGRI 2210 - Soils **3**
- AGRI 2211 - Soils Lab **1**

Total Hours 8

Upper Division Courses

- AGRI 3000 - Conservation **3**
- AGRI 3040 - Sustainable Development **3**
- AGRI 3500 - Agriculture Economics **3**
  or
  AGRI 4500 - Farm Planning and Management **3**/ AGRI 4501 **1**
- AGRI 4010 - Agriculture Seminar **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 4270 - Surface Water Hyrdology **3** / GEOG 4271 - Surface Water Hydrology Lab **1**
  or
- GEOG 4160 - Water Quality Monitoring and GIS **3** / GEOG 4160 - Water Quality Monitoring and GIS Lab **1**
  or
- AGRI 4220 - Soil and Water Conservation **3** / 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 3960 - Urban Environment
- 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 3940 - Technological Hazards in the 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 will provide successful students with a four-year Bachelor of Science degree in agriculture, and these students will then be able to pursue what U.S. News and World Report listed as one of the "Best Health Care Jobs" in the nation.

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 2210 - Soils **3** / AGRI 2211 **1** (lab)

or
AGRI 4230 - Land Use **3**

- AGRI 3500 - Agriculture Economics **3**
- AGRI 4430 - Genetics of Crops and Livestock **3**
- AGRI 4500 - Farm Planning and Management **3** / AGRI 4501 **1** (lab)
  or
  AGRI 3110 - Animal Health and Disease **3**
- BIOL 1010 - Introduction to Biology **3** / BIOL 1011 **1** (lab)
  or
  BIOL 1110 - General Biology I **3** / BIOL 1111 **1** (lab)

Total Hours 20-22

Concentration Core Requirements that Satisfy General Education Core

- BIOL 1110 - General Biology I **3** / BIOL 1111 **1** (lab)
- CHEM 1110 - General Chemistry I **3** / CHEM 1111 **1** (lab)
- HIST 2010 - Early United States History **3**
- HIST 2020 - Modern United States History **3**
- ECON 2100 - Principles of Macroeconomics **3**
- MATH 1730 - Precalculus **4** or other MATH core class **3**

Total Hours 20-21

Concentration Requirements

- AGRI 1410 - Plant Science **3** / AGRI 1411 **1** (lab)
  or
  AGRI 3420 - Forage Crops **3**
- AGRI 3100 - Anatomy and Physiology of Domestic Animals **2** / AGRI 3101 **1** (lab)
- AGRI 3180 - Ethics of Animal Use **3**
  or
  AGRI 3380 - Companion Animal Management
- AGRI 3310 - Animal Nutrition and Feeding **3** / AGRI 3311 **1**(lab)
- AGRI 3500 - Agriculture Economics **3**
- AGRI 3710 - Veterinary Technology I **3** / AGRI 3711 **1**(lab)
- AGRI 3720 - Veterinary Technology II **3** / AGRI 3721 **1** (lab)
- AGRI 3725 - Veterinary Technology Practical Experience I **2**
- AGRI 3730 - Veterinary Terminology **3**
- AGRI 4310 - Reproduction in Farm Animals **3** / AGRI 4311 **1**(lab)
- AGRI 4710 - Veterinary Technology Medical Nursing and Critical Care **3** / AGRI 4711 **1** (lab)
- AGRI 4715 - Veterinary Technology Clinical Experience I **2**
- AGRI 4720 - Veterinary Technology Surgical Nursing and Pharmacology **3** / AGRI 4721 **1** (lab)
- AGRI 4725 - Veterinary Technology Clinical Experience II **3**
- BIOL 3130 - Genetics **3** / BIOL 3131 **1** (lab) *Note: This course may be taken in place of the major requirement AGRI 4430 for Veterinary Technology Concentration students.

Total Hours 39-41

Concentration Guided Electives

Students should choose at least 22 hours of elective courses with substantial animal content from Agriculture and Biology. Recommendations include:

- AGRI 2310 - Animal Management Practices **3**
- AGRI 3180 - Ethics of Animal Use **3**
- AGRI 3320 - Meat Goat Production **2** / AGRI 3321 **1** (lab)
- AGRI 3330 - Beef Production Management **2** / AGRI 3331 **1** (lab)
- AGRI 3340 - Swine Production Management **2**
- AGRI 3360 - Dairy Production Management **2**
- AGRI 3370 - Poultry Production Management **2**
- AGRI 4730 - Veterinary Applications
- BIOL 1120 - General Biology II **3** / BIOL 1121 **1** (lab)

- BIOL 3050 - General Microbiology **3** / BIOL 3051 **1** (lab)
  or
  BIOL 3730 - Medical Microbiology **3** / BIOL 3731 **1** (lab)
- BIOL 3060 - Zoological Diversity **3** / BIOL 3061 **1** (lab)
- BIOL 3760 - Immunology and Serology **3** / BIOL 3761 **1** (lab)
- BIOL 4040 - Histology **3** / BIOL 4041 **1** (lab)
- BIOL 4070 - Animal Behavior **3** / BIOL 4071 **1** (lab)
- BIOL 4600 - Parasitology **3** / BIOL 4601 **1** (lab)
- CHEM 1020 - Introductory Chemistry II **3** / CHEM 1021 **1** (lab)
  or
  CHEM 1120 - General Chemistry II **3** / CHEM 1121 **1** (lab)

Total Hours 22

Free Electives

Total Hours 0-1

Total Program Hours 120

Minors (non-degree)

Agriculture Minor

Department of General Agriculture
Location: Sundquist Science Complex, Room D232
Phone: 931-221-7272
Website: www.apsu.edu/agriculture/index.php

Requirements

- Upper Division Agriculture (3000-4999) level courses **9**
- Any additional hours in Agriculture **9**

Total Hours 18

PreProfessional Programs (non-degree)

PreAgricultural Education

(Three-Year Transfer Program)

Department of General Agriculture
Location: Sundquist Science Complex, D223
Phone: 931-221-7269
Website: www.apsu.edu/agriculture/

	Credit Hours
University-Wide Freshman Seminar Requirement	1

Specific General Education Requirements: 21 Credit Hours

- ENGL 1010 - English Composition I **3**
- ENGL 1020 - English Composition II **3**
- MATH 1530 - Elements of Statistics **3**
- COMM 2045 - Public Speaking **3**
- HIST 2010 - Early United States History **3**
- HIST 2020 - Modern United States History **3**
- Humanities Core (see Common Core)

Lower Division Major Requirements: 34 Credit Hours

- AGRI 1310 - Animal Science **3**
- AGRI 1410 - Plant Science **3** /AGRI 1411 **1** (lab)
- AGRI 2500 - Introduction to Agri Business **3**
- BIOL 1010 - Introduction to Biology **3** /BIOL 1011 **1** (lab)
- BIOL 1020 - Diversity of Life **3** /BIOL 1021 **1** (lab)
- ECON 2100 - Principles of Macroeconomics **3**
- CHEM 1010 - Introductory Chemistry I **3** /CHEM 1011 **1** (lab)
- CHEM 1020 - Introductory Chemistry II **3** /CHEM 1021 **1** (lab)

Upper Division Major Requirements: 31 Credit Hours

- AGRI 3500 - Agriculture Economics **3**
- AGRI 3020 - Agriculture Power and Machinery **3**
- AGRI 4220 - Soil and Water Conservation **2** /AGRI 4221 **1** (lab)
- AGRI 3310 - Animal Nutrition and Feeding **3** /AGRI 3311 **1** (lab)
- AGRI 3330 - Beef Production Management **2** /AGRI 3331 **1** (lab)
- AGRI 4500 - Farm Planning and Management **3** /AGRI 4501 **1** (lab)
- EDUC 3040 - Instructional Technology **3**
- PSYC 3130 - Introduction to Educational Psychology **3**
- PSYC 3200 - Adolescent Development **3**
- SPED 2300 - Introduction to Special Education **3**

PreFood Technology

(Two-Year Transfer Program)

Department of General Agriculture
College of Science, Technology, Engineering and Mathematics
Location: Sundquist Science Complex, D223
Phone: 931-221-7272
Website: www.apsu.edu/agriculture/

	Credit Hours
University-Wide Freshman Seminar Requirement	1

Specific General Education Requirements

- ENGL 1010 - English Composition I **3**
- ENGL 1020 - English Composition II **3**
- COMM 2045 - Public Speaking **3**

Total Hours 9

Lower Division Requirements

- AGRI 1310 - Animal Science **3**
- AGRI 1410 - Plant Science **3** /AGRI 1411 **1** (lab)
- BIOL 1010 - Introduction to Biology **3** /BIOL 1011 **1** (lab)
- BIOL 1020 - Diversity of Life **3** /BIOL 1021 **1** (lab)
- BIOL 2300 - Principles of Microbiology **3** /BIOL 2301 **1** (lab)
- CHEM 1110 - General Chemistry I **3** /CHEM 1111 **1** (lab)
- CHEM 1120 - General Chemistry II **3** /CHEM 1121 **1** (lab)
- MATH 1730 - Precalculus **4**
- PHYS 1010 - Concepts: Motion, Heat, and Sound **3** /PHYS 1011 **1** (lab)
- PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World **3** /PHYS 1021 **1** (lab)

Total Hours 39

Upper Division Requirements

- AGRI 3500 - Agriculture Economics **3**
- AGRI 4230 - Land Use **3**

Total Hours 6

PreForestry

(Two-Year Transfer Program)

Department of General Agriculture
College of Science, Technology, Engineering and Mathematics
Location: Sundquist Science Complex, D223
Phone: 931-221-7272
Website: www.apsu.edu/agriculture/

Preforestry program is designed for transfer to University of Tennessee-Knoxville, but it can be adapted to provide transfer credit to other schools with a major in forestry.

University-Wide Freshman Seminar Requirement	1

Specific General Education Requirements

- COMM 2045 - Public Speaking **3**
- ENGL 1010 - English Composition I **3**
- ENGL 1020 - English Composition II **3**
- ENGL 2330 - Topics in World Literature **3**
- MATH 1530 - Elements of Statistics **3**
- PHIL 1040 - Introduction to Ethics **3**

Total Hours 18

Lower Division Requirements

- BIOL 1010 - Introduction to Biology **3** /BIOL 1011 **1** (lab)
- BIOL 1020 - Diversity of Life **3** /BIOL 1021 **1** (lab)
- CHEM 1110 - General Chemistry I **3** /CHEM 1111 **1** (lab)
- CHEM 1120 - General Chemistry II **3** /CHEM 1121 **1** (lab)
- ECON 2100 - Principles of Macroeconomics **3**
- MATH 1530 - Elements of Statistics **3**
- MATH 1810 - Elements of Calculus **3**

Total Hours 21

Upper Division Requirements

- AGRI 3000 - Conservation **3**
- AGRI 3310 - Animal Nutrition and Feeding **3** /AGRI 3311 **1** (lab)
- AGRI 4420 - Forestry **2** /AGRI 4421 **1** (lab)
- AGRI 4220 - Soil and Water Conservation **2** /AGRI 4221 **1** (lab)
- AGRI 4430 - Genetics of Crops and Livestock **3**
- BIOL 4080 - General Ecology **3** /BIOL 4081 **1** (lab)

Total Hours 20

PreWildlife

(Two-Year Transfer Program)

Department of General Agriculture
College of Science, Technology, Engineering and Mathematics
Location: Sundquist Science Complex, D223
Phone: 931-221-7269
Website: www.apsu.edu/agriculture

Students seeking employment as a wildlife manager or wildlife officer with Tennessee Wildlife Resources Agency can meet minimum qualifications at APSU by majoring in either Biology or Agri-Science and carefully selecting as electives the courses required by TWRA.

Students wanting a wildlife management major will need to transfer to another school. The prewildlife program below is designed for transfer to University of Tennessee-Martin, but it can be adapted to provide transfer credit to other schools with a major in wildlife management.

University-Wide Freshman Seminar Requirement 1

Specific General Education Requirements

- COMM 2045 - Public Speaking **3**
- ECON 2100 - Principles of Macroeconomics **3**
- ENGL 1010 - English Composition I **3**
- ENGL 1020 - English Composition II **3**
- ENGL 2330 - Topics in World Literature **3**
- Humanities Core (see Common Core) **3**
- MATH 1530 - Elements of Statistics **3**
- MATH 1810 - Elements of Calculus **3**

Total Hours 24

Lower Division Requirements

- AGRI 1410 - Plant Science **3** /AGRI 1411 **1** (lab)
- BIOL 1020 - Diversity of Life **3** /BIOL 1021 **1** (lab)
- BIOL 1010 - Introduction to Biology **3** BIOL 1011 **1** (lab)
  or
- BIOL 1110 - General Biology I **3** /BIOL 1111 **1** (lab)
- CHEM 1110 - General Chemistry I **3** /CHEM 1111 **1** (lab)
- CHEM 1120 - General Chemistry II **3** /CHEM 1121 **1** (lab)

Total Hours 20

Upper Division Requirements

- AGRI 3000 - Conservation **3**
- AGRI 4220 - Soil and Water Conservation **2** /AGRI 4221 **1** (lab)
- AGRI 3310 - Animal Nutrition and Feeding **3** AGRI 3311 **1** (lab)
- AGRI 4420 - Forestry **2** /AGRI 4421 **1** (lab)
- AGRI 4430 - Genetics of Crops and Livestock **3**
  or
  BIOL 3130 - Genetics **3 /** BIOL 3131 **1** (lab)
- BIOL 4080 - General Ecology **3** /BIOL 4081 **1** (lab)

Total Hours 20-21

Department of Allied Health Sciences

College of Science and Mathematics
Location: Sundquist Science Complex, D232
Phone: 931-221-6455
Website: http://www.apsu.edu/allied-health

Bachelor of Science in Medical Laboratory Science

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

College of Science, Technology, Engineering and Mathematics

Department of Allied Health Sciences

Location: Sundquist Science Complex, Room D232
Phone: 931-221-6455
Website: www.apsu.edu/medical-technology

Description of Major
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 a four-year, campus-based program including affiliations with area hospitals. The courses which comprise the senior year include both campus-based didactic courses and practical courses at affiliate hospital clinical laboratories. Upon successful completion of the four-year program, a Bachelor of Science in Medical Laboratory Science (BSMLS) is awarded. A certificate is awarded for completion of the professional program.

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/topic/ML-board1

Students must complete a separate admission packet to apply for the senior year. 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations
- Biomedical Science Concentration
- MLT to MLS Concentration
- Pre-Professional Concentration (MLS)

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 have 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.

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 - Biostatics 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 **2 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

Total Program Hours 123

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. The concentration provided courses in specific courses in immunology, immunohematology, microbiology, clinical chemistry, toxicology, urinalysis,

hematology, and hemostasis. Students completing the MLS degree program are eligible for the national certification examination in Medical Laboratory Science.

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

Pre-Professional Concentration (MLS)

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

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

Bachelor of Science in Radiologic Science

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

College of Science, Technology, Engineering and Mathematics

Department of Allied Health Sciences

Location: Sundquist Science Complex, Room D232
Phone: 931-221-6455
Website: www.apsu.edu/rad-tech

Description of Major

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, radiation therapy, 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, laboratory testing, 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 Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

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

General Radiologic Science Concentration

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**

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 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

- BIOL 2300 - Principles of Microbiology **3**
- BIOL 2301 - Principles of Microbiology Lab **1**
- MATH 1530 - Elements of Statistics **3**
- 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 10

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**

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**
- 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

General Electives

Total Hours 23

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.

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**

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 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

- BIOL 2300 - Principles of Microbiology **3**
- BIOL 2301 - Principles of Microbiology Lab **1** (lab)
- CSCI 1000 - Introduction to Computer Applications **3**
- MATH 1530 - Elements of Statistics **3**

Total Hours 38

Upper Division Courses

- MTEC 3910 - Fundamentals of Hematology **3** / MTEC 3911 **1** (lab)
- RLTN 484A - Radiologic Lab Internship **15**

Total Hours 19

Free Electives

Total Hours 32

Total Program Hours 120

Radiation Therapy Concentration

APSU Radiologic Science Program Radiation Therapy Concentration is a two-year (24-month), campus-based, course of studies. Students desiring to enter the program should file applications with the Radiation Therapy 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.

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**

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 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

- RLTN 2050 - Medical Terminology **1**

Total Hours 1

Upper Division Courses

- RLTN 3010 - Patient Care and Interaction **3**
- RLTN 3050 - Clinical Radiation Oncology I (and lab) **2**
- RLTN 3051 - Clinical Radiation Oncology Lab I **1**
- RLTN 3081 - Introduction to Clinical Radiation Oncology **2**
- RLTN 3084 - Radiation Therapy Clinical Education I **2**
- RLTN 3086 - Clinical education II Radiation therapy **2**
- RLTN 3116 - Radiobiology and Radiation Protection **3**
- RLTN 3117 - Quality Control in Radiologic Technology **2**
- RLTN 3150 - Clinical Radiation Oncology II **2**
- RLTN 3151 - Clinical Radiation Oncology II Lab **2**
- RLTN 3200 - Simulation and Treatment Techniques I **1**
- RLTN 3300 - Simulation and Treatment Techniques II **1**
- RLTN 4030 - Radiographic Procedures III **3**
- RLTN 4083 - Clinical Education IV **3**
- RLTN 4086 - Radiation Therapy Clinical Education V **3**

- RLTN 4116 - Radiation Physics **4**
- RLTN 4118 - Radiation Therapy Physics **4**
- RLTN 4550 - Radiographic Pathology **3**
- RLTN 4560 - Radiation Therapy Treatment Planning and Dosimetry
- RLTN 4570 - Management in Radiologic Technology **2**
- RLTN 4580 - Research Methodology in Radiologic Technology **3**
- RLTN 4595 - Radiation Therapy Registry Review **3**

Total Hours 59

Free Electives

Total Hours 1

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.

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**

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 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

- 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 - Radiography Clinical Education III **2**
- 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/

Bachelor of Science

Biology (B.S.)

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

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.

A Focus Area is not required but may be needed for the student to fulfill the 33 credit hour upper division requirement and the 120 credit hour degree requirement. 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 instead of a Focus Area.

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Requirements that Satisfy General Education

- 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 1730 - Precalculus **4**
  or
  MATH 1910 - Calculus I

Total Hours 12

Major Core 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 **4**
- 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**

Select one (1) of the Physiology lecture and lab courses below

- BIOL 4110 - Animal Physiology **3**
- BIOL 4111 - Animal Physiology Lab **1**

  or

  BIOL 4120 - Plant Physiology and BIOL 4121 - Plant Physiology Lab

Total Hours 36

Free Electives

Total Hours 30

Total Program Hours 120

Minors (non-degree)

Biology Minor

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

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

Select one (1) lecture with the lab course from three of the four following series listed 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

Note

Courses offered within the minor may have additional prerequisites.

PreProfessional Programs (non-degree)

PreOptometry

Department of Biology
College of Science, Technology, Engineering and Mathematics
Location: Sundquist Science Complex, D125
Phone: 931-221-7781

Optometry is the primary health profession dedicated to caring for vision. Through academic and clinical training, optometrists acquire the knowledge and skills needed to diagnose, treat, and prevent problems of the visual system. A Doctor of Optometry receives four (4) years of specialized professional education and clinical training at an accredited school of optometry, after completion of their undergraduate prerequisites.

Admission into Optometry School

The minimum entrance requirement for optometry school is three (3) years of college (90 college credit hours). However, the academic programs tend to be very rigorous. Ninety-six percent of students admitted by the Southern College of Optometry in Memphis, TN, today have a B.S. degree or higher with an average of 3.3 GPA. The course requirements are slightly different for each optometry school. You may visit the Association of Schools and Colleges of Optometry's Website at www.opted.org to determine the specific requirements for each school. For more information, contact the Biology Department at 931-221-7781.

Program Requirements

Student applicants are also required to complete the Optometry Admission Test (OAT) as a prerequisite to admission. Please contact department for a list of required courses and suggested programs of study.

PrePhysical Therapy

The Pre-Physical Therapy program of study provides a guide for satisfying the various academic requirements for graduate Physical Therapy (PT) programs. A major in Biology with a minor in Health and Human Performance (HHP) will meet the general requirements of most programs. However, most graduate-level Physical Therapy programs do not require a specific major, but do require a baccalaureate degree. For more information, contact Dr. Cindy Taylor in the Biology Department at 931-221-7784 or e-mail taylorc@apsu.edu.

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).

Bachelor of Science

Chemistry (B.S.)

College of Science, Technology, Engineering and Mathematics

Department of Chemistry

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 independently and critically think, apply chemical concepts and principles to better understand the 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Chemistry Major
- Biochemistry Concentration
- Professional Chemistry

Chemistry Major

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- BIOL 1110 - General Biology I **3**
- BIOL 1111 - General Biology I 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 2000 - Chemistry Sophomore Seminar **1**
- MATH 1910 - Calculus I **4**
- 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 25

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
- CHEM 4000 - Chemistry Senior 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

Biochemistry Concentration

The Biochemistry Concentration provides a curriculum well suited for students with interests at the intersection of chemistry and biology. This concentration is interdisciplinary and sets forth a curriculum geared toward professional health-related careers and prepares students for entry into the biotechnology workforce or for graduate school in the biomedical sciences. Pre-professional health majors (pre-medicine, pre-dentistry, pre-pharmacy, etc) are encouraged to follow this program.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentration 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**
- 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**
- MATH 1910 - Calculus I **4**
- 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 29

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 3610 - Physical Chemistry I **3**
- CHEM 3611 - Physical Chemistry I Lab 1
- CHEM 4000 - Chemistry Senior Seminar **1**
- CHEM 4310 - Biochemistry I **3**
- CHEM 4311 - Biochemistry I Lab **1**
- CHEM 4320 - Biochemistry II **3**
- CHEM 4321 - Biochemistry II Lab **1**

Select eight (8) hours from the chemistry electives listed below

- Any CHEM 3000-4999

Select eight (8) hours from the biology electives listed below

- BIOL 3050 - General Microbiology **3**
- BIOL 3051 - General Microbiology Lab **1**
- BIOL 3330 - Principles of Evolution **3**
- BIOL 3331 - Principles of Evolution Lab **1**
- BIOL 3730 - Medical Microbiology **3**
- BIOL 3731 - Medical Microbiology Lab **1**
- BIOL 3760 - Immunology and Serology **3**
- BIOL 3761 - Immunology and Serology Lab **1**
- BIOL 4100 - Biostatistics **3**
- BIOL 4101 - Biostatics 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 4160 - Human Physiology **3**
- BIOL 4161 - Human Physiology Lab **1**
- BIOL 4230 - Advanced Topics in Genetics **3**
- BIOL 4231 - Advanced Topics in Genetics Lab **1**
- BIOL 4300 - Bacteriology **3**
- BIOL 4301 - Bacteriology Lab **1**
- BIOL 4450 - Biotechnology **3**
- BIOL 4451 - Biotechnology Lab **1**

Total Hours 48

Concentration Guided Electives

Select three (3) additional hours from the list below

- Any CHEM 3000-4999

Total Hours 3

Total Program Hours 120

Professional Chemistry

College of Science, Technology, Engineering and Mathematics

Department of Chemistry

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 independently and critically think, apply chemical concepts and principles to better understand the 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- BIOL 1110 - General Biology I **3**
- BIOL 1111 - General Biology I 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 2000 - Chemistry Sophomore Seminar **1**
- 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**

Total Hours 25

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
- CHEM 4000 - Chemistry Senior Seminar **1**
- CHEM 4310 - Biochemistry I **3**
- CHEM 4311 - Biochemistry I Lab **1**

Total Hours 25

Major Guided Electives

- Select three (3) additional hours from Any CHEM 3000-4999
- Select 21 hours of any Chemistry courses in consultation with your advisor

Total Hours 24

Preprofessional Chemistry

- CHEM 3220 - Instrumental Analysis **3**
- CHEM 3221 - Instrumental Analysis Lab **1**
- CHEM 3620 - Physical Chemistry II **3**
- CHEM 3621 - Physical Chemistry II Lab **1**
- CHEM 4941 - Elements of Research **1 to 3**
- CHEM 4990 - Research Thesis **1**
- MATH 1920 - Calculus II **4**

Total Program Hours 120

Note:

Student is NOT required to declare a Minor but it is recommended.

Minors (non-degree)

Chemistry Minor

Department of Chemistry
Location: Sundquist Science Complex - A308
Phone: 931-221-7628
Website: www.apsu.edu/chemistry

Required Courses

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

Upper Division Courses

- Any Chemistry Upper Division (3000-4999) course level **4**

Total Hours 4

Chemistry Sequences

Complete any one (1) sequence listed below

- CHEM 3210 - Quantitative Analysis **3** / CHEM 3211 **1** (lab)
- CHEM 3220 - Instrumental Analysis **3** / CHEM 3221 **1** (lab)

- CHEM 3440 - Inorganic Chemistry **3** / CHEM 3441 **1** (lab)
- CHEM 4440 - Advanced Inorganic Chemistry **3** / CHEM 4441 **1** (lab)

- CHEM 3510 - Organic Chemistry I **3** / CHEM 3511 **1** (lab)
- CHEM 3520 - Organic Chemistry II **3** / CHEM 3521 **1** (lab)

- CHEM 3610 - Physical Chemistry I **3** / CHEM 3611 **1** (lab)
- CHEM 3620 - Physical Chemistry II **3** / CHEM 3621 **1** (lab)

Total Hours 12

PreProfessional Programs (non-degree)

PreDental

(Three- or Four- Year Program)

Department of Chemistry
College of Science, Technology, Engineering and Mathematics
Location: Sundquist Science Complex, A308
Phone: 931-221-7628
Website: www.apsu.edu/chem_page/

The predental curriculum is designed to meet the requirements of the College of Dentistry of the University of Tennessee at Memphis. Most predental students complete a bachelor's degree before entering dental school. A degree in absentia is available from APSU upon satisfactory completion of the first year of dental school, provided degree before in absentia requirements have been met a (see University-Wide Degree Requirements).

Program Requirements

Admission to dental schools is competitive. Applicants should have a minimum GPA of 3.0 with grades of "C" or better in required prerequisites. The DAT (Dental Admissions Test) should be taken in the spring semester of the junior year.

General Education Core

	Credit Hours
General Education (see Common Core)	41
*Science Requirements (see below for General Education)	
University-Wide Freshman Seminar Requirement	1

Minimum Requirements

***Must include the following:**

- General Biology 8
- Chemistry (General, Organic and Biochemistry) 22
- General Physics 10
- English (Composition and/or Literature) 6
- Mathematics 4
- Electives 42

Lower Division Requirements

- 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)
- MATH 1730 - Precalculus **4**
- PHYS 2010 - College Physics I **3** /PHYS 2011 **1** (lab)
- PHYS 2020 - College Physics II **3** /PHYS 2021 **1** (lab)

Total Hours 32

Upper Division Requirements

- BIOL 3060 - Zoological Diversity **3** /BIOL 3061 **1** (lab)

- BIOL 3050 - General Microbiology **3** /BIOL 3051 **1** (lab)
  or
- CHEM 3510 - Organic Chemistry I **3** /CHEM 3511 **1** (lab)
- CHEM 3520 - Organic Chemistry II **3** /CHEM 3521 **1** (lab)

- CHEM 4300 - Brief Biochemistry **3** /CHEM 4301 **1** (lab)
  or
- CHEM 4310 - Biochemistry I **3** /CHEM 4311 **1** (lab)

Total Hours 20

Pre-Dental Electives

It is strongly recommended that elective courses be chosen from the following: biochemistry, upper division biology courses (e.g., genetics, comparative anatomy, developmental biology, cell biology, histology, microbiology, molecularbiology, physiology, and neurobiology). Suggested non-science coursework should be selected from the courses in social sciences, philosophy, psychology, business administration, economics, public speaking, and computer science.

Total Hours 44

PreMedicine

(Four-Year Program)

Department of Chemistry
College of Science, Technology, Engineering and Mathematics
Location: Sundquist Science Complex, A308
Phone: 931-221-7628
Website: https://www.apsu.edu/chemistry/

Accredited schools of medicine regularly require that the applicant hold a bachelor's degree. The completion of the following curriculum leads to the bachelor's degree conferred by APSU before the student attends the professional school. The premedical curriculum is designed to meet the requirements of the University of Tennessee, Memphis.

Since competition for positions in medical schools is very keen, completion of all these enumerated requirements in no way guarantees that the applicant will be admitted to a medical school. The applicant should always have an alternate career in mind and should select his/her major, minor, and electives in such a way as to support the alternate career. Students should complete a strong major and minor.

It is important to have a strong academic record with a good foundation in the basic sciences and liberal arts. See the web page at https://www.apsu.edu/costem/pre-professional-health/premedicine.php for more detailed information and links to medical schools.

Admission Into Medical School

Most medical schools require the applicant to:

- Take the Medical College Admission Test (MCAT)
- Be interviewed personally by the medical school

Specific Requirements

Biology **8**
Chemistry **16**
Physics **8**
English/Literature **6**

- Behavioral sciences (psychology, sociology, etc.) are considered valuable.
- Biochemistry is recommended.

- The degree applicant must have an excellent academic record.
- CHECK with the medical school to determine additional required courses for admission.

Requirements when applicant reaches junior and senior years:

Ideally students should take the MCAT in the spring of the junior year or in the summer between the junior and senior years. Application to medical school should also be made in the summer between the junior and senior years for entrance to medical school the fall of the following calendar year. Individual circumstances can change this time frame.

General Education Core

	Credit Hours
General Education (see General Education)	41
University-Wide Freshman Seminar Requirement	1

Specific General Education Requirements

- MATH 1910 - Calculus I **4**
- PSYC 1030 - Introduction to Psychology **3**
- SOC 1010 - Introduction to Sociology **3**

Total Hours 10

Lower Division Requirements

- 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)
- PHYS 2010 - College Physics I **3** /PHYS 2011 **1** (lab)
- PHYS 2020 - College Physics II **3** /PHYS 2021 **1** (lab)

Total Hours 24

Upper Division Requirements

- 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)

Total Hours 12

Pre-Med Electives

It is strongly recommended that elective science courses be chosen from the following: biochemistry, upper divisionbiology courses (such as: genetics, developmental biology, cell biology, microbiology, molecular biology, and physiology). Suggested non-physical or biological science coursework should be selected from a range of areas to acquire a broad cultural background with perhaps a special emphasis on the behavioral sciences.

PrePharmacy

(Two-Four Year Program)

Department of Chemistry
College of Science, Technology, Engineering and Mathematics
Location: Sundquist Science Complex, A308
Phone: 931-221-7628
Website: www.apsu.edu/chem_page/

Most pharmacy schools require at least two years of pre-pharmacy work (60+ credits), and many require at least three years (90+ credits). See the PrePharmacy. The following program is designed to meet the two-year requirements and is based on the pharmacy programs offered in Nashville.

Students should obtain from the pharmacy school to which they intend to apply, a complete listing of the admission

requirements. Since admissions requirements vary among schools, the program below may need to be modified to fit the requirements of a particular pharmacy school.

Requirements for Pharmacy Schools

Many pharmacy schools require applicants to take the Pharmacy College Admission Test (PCAT).

General Education Core

	Credit Hours
see Common Core	41
University-Wide Freshman Seminar Requirement	1

Specific General Education Requirements: 21 Credit Hours

- ENGL 1010 - English Composition I **3**
- ENGL 1020 - English Composition II **3**
- ENGL 2330 - Topics in World Literature **3**
- MATH 1530 - Elements of Statistics **3**
- COMM 2045 - Public Speaking **3**
- PSYC 1030 - Introduction to Psychology **3**
- ECON 2100 - Principles of Macroeconomics **3**

Select two from:

- HIST 2010 - Early United States History **3**
- HIST 2020 - Modern United States History **3**
- HIST 2030 - History of Tennessee **3**

Lower Division Requirements: 28 Credit Hours

- BIOL 1110 - General Biology I **3**
- BIOL 1120 - General Biology II **3**
- CHEM 1110 - General Chemistry I **3**
- CHEM 1120 - General Chemistry II **3**
- MATH 1910 - Calculus I **4**
- PHYS 2010 - College Physics I **3**

Upper Division Requirements: 12 Credit Hours

- BIOL 3060 - Zoological Diversity **3**
- CHEM 3510 - Organic Chemistry I **3**
- CHEM 3520 - Organic Chemistry II **3**

Electives: 6 Credit Hours

- Social sciences, humanities, writing, additional science courses are suggested.

PrePharmacy

(Three- or Four-Year Program)

Department of Chemistry
College of Science, Technology, Engineering and Mathematics
Location: Sundquist Science Complex, A308
Phone: 931-221-7628
Website: www.apsu.edu/chem_page/

Many pharmacy schools require at least two years of pre-pharmacy work (60+ credits). However, several pharmacy schools require at least three years (90+ credits) or a bachelor's degree.

Students should obtain from the pharmacy school to which they intend to apply, a complete listing of the admission requirements. The prepharmacy study described below is designed primarily for those students who intend to apply for admission to the University of Tennessee (Memphis) Department of Pharmacy. Since admission requirements

vary among schools, the program below may need to be modified to fit the requirements of a particular pharmacy school.

Students in the three-year program desiring to earn a degree *in absentia* may do so by meeting the university requirements and receiving prior approval from the department chair.

Requirements for Pharmacy Schools

Many pharmacy schools require applicants to take the Pharmacy College Admission Test (PCAT).

General Education Core

	Credit Hours
see Common Core	41
University-Wide Freshman Seminar Requirement	1

Lower Division Requirements: 40 Credit Hours

- BIOL 1110 - General Biology I **3**
- BIOL 1120 - General Biology II **3**
- BIOL 2010 - Human Anatomy and Physiology I **3**
- BIOL 2020 - Human Anatomy and Physiology II **3**
- BIOL 2300 - Principles of Microbiology **3**
- CHEM 1110 - General Chemistry I **3**
- CHEM 1120 - General Chemistry II **3**
- MATH 1530 - Elements of Statistics **3**
- MATH 1910 - Calculus I **4**
- PHYS 2010 - College Physics I **3**
- PHYS 2020 - College Physics II **3**

Upper Division Requirements: 24 Credit Hours

- CHEM 3510 - Organic Chemistry I **3**
- CHEM 3520 - Organic Chemistry II **3**
- CHEM 4310 - Biochemistry I **3**
- CHEM 4320 - Biochemistry II **3**

Pre-Pharmacy Electives - variable depending on major

Note

*UT Memphis requires six (6) hours from literature, history, language, or philosophy. Other schools require bothhistory and literature.

Department of Computer Science and InformationTechnology

College of Science, Technology, Engineering and Mathematics
Location: Maynard Mathematics and Computer Science Building 206
Phone: 931-221-7840
Website: www.apsu.edu/csci

Bachelor of Science

Computer Information Systems (B.S.)

College of Science, Technology, Engineering and Mathematics

Department of Computer Science and Information Technology

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- General Information Systems Concentration
- Information Assurance and Security Concentration

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Computing Core

- CSCI 2000 - Programming for STEM **4**
  OR
  CSCI 1010 Introduction to Programming I **3** /CSCI 1011 Introduction to Programming I Lab **1**
  AND
  CSCI 2010 Introduction to Programming II **3** /CSCI 2011 Introduction to Programming II Lab **1**
- 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 Information Systems Major Core

- CSCI 3400 - Computer Organization I **3**
- CSCI 4100 - Operating Systems and Architecture **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**

Complete one course from:

- MATH 1810 - Elements of Calculus **3**
- MATH 1910 - Calculus I **4**
- CSCI 2500 - Discrete Structures **3**

Total Hours 21-22

Systems Development Concentration

- Complete five (5) CSCI courses 3000-4999

Total Hours 15

Minor

- Minor must be selected from a list approved by the department.

Total Hours 18

Electives

Total Hours 5-10

Total Program Hours 120

Information Assurance and Security 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Computing Core

- [CSCI 1010 - Introduction to Programming I **3** / CSCI 1011 **1**
  and
  CSCI 2010 - Introduction to Programming II **3** / CSCI 2011 **1**]
  or
  CSCI 2000 - Programming for STEM **4**
- 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 Information Systems Major Core

- CSCI 3400 - Computer Organization I **3**
- CSCI 4100 - Operating Systems and Architecture **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**
- MATH 1810 - Elements of Calculus **3**
  or
  MATH 1910 - Calculus I **4**
  or
  CSCI 2500 - Discrete Structures **3**

Total Hours 21-22

Information Assurance and Security Concentration

- CSCI 4613 - Cryptography **3**
- CSCI 4629 - Information Security Certification Workshop **1**

Total Hours 4

Guided Electives

Select four (4) courses from the following:

- 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 4760 - Linux System Administration **3**

Total Hours 12

Minor

- Minor must be selected from a list approved by the department.

Total Hours 18

Electives

Total Hours 5-9

Total Program Hours 120

Computer Information Technology (B.S.)

College of Science and Mathematics

Department of Computer Science and Information Technology

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Networking Concentration
- Web and Database Concentration

Networking Concentration

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

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Computing Core

- [CSCI 1010 - Introduction to Programming I **3** / CSCI 1011 **1**
  and
  CSCI 2010 - Introduction to Programming II **3** / CSCI 2011 **1**]
  or
  CSCI 2000 - Programming for STEM **4**
- 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 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 4750 - Systems Analysis and Design **3**
- CSCI 4760 - Linux System Administration **3**
- MATH 1530 - Elements of Statistics **3**

Total Hours 24

Networking Concentration

- CSCI 3770 - Windows Server Administration **3**
- CSCI 3870 - Wireless Communication and Networking **3**
  or
  CSCI 4670 - Enterprise Virtualization **3**
- CSCI 4520 - Network Security **3**
- CSCI 4770 - Routing and Switching **3**
- Select one 3-credit CSCI course 3000-level or above **3**

Total Hours 15

Electives

Total Hours 21-25

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. These tracks include web developer and administrator, database administrator, and network administrator.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Computing Core

- [CSCI 1010 - Introduction to Programming I **3** / CSCI 1011 **1**
  and
  CSCI 2010 - Introduction to Programming II **3** / CSCI 2011 **1**]
  or
  CSCI 2000 - Programming for STEM **4**
- 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 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 4750 - Systems Analysis and Design **3**
- CSCI 4760 - Linux System Administration **3**
- MATH 1530 - Elements of Statistics **3**

Total Hours 24

Web and Database Concentration

- CSCI 4000 - Database-Driven Web Development **3**
- CSCI 4405 - Database Administration **3**
- CSCI 4460 - Content Management Systems **3**
- CSCI 4650 - Windows Server-Side Web Development **3**
- Select one 3-credit CSCI course 3000-level or above **3**

Total Hours 15

Electives

Total Hours 21-25

Total Program Hours 120

Computer Science (B.S.)

College of Science, Technology, Engineering and Mathematics

Department of Computer Science and Information Technology

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

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 as well as topics in the newer area of software engineering.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Computing Core

- CSCI 2000 - Programming for STEM **4**
  OR
  CSCI 1010 Introduction to Programming I **3**/ CSCI 1011 Introduction to Programming I Lab **1**
  AND
  CSCI 2010 Introduction to Programming II **3** /CSCI 2011 Introduction to Programming II Lab **1**
- 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 - Object Oriented Programming **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**
  OR
  CSCI 3900 Internship **3**
- MATH 1910 - Calculus I **4**
- MATH 1920 - Calculus II **4**
- MATH 3000 - Discrete Mathematics **3**
- MATH 3450 - Linear Algebra **3**

Complete one (1) course from:

- MATH 4670 - Numerical Analysis **3**
- STAT 3250 Statistical Methods **3**
- STAT 4240 Probability **3**

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**

Total Hours 46

General Computer Science Concentration

- Complete four (4) CSCI courses 3000-4999

Total Hours 12

Electives

Total Hours 9-15

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 as well as topics in the newer area of software engineering.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Computing Core

- [CSCI 1010 - Introduction to Programming I **3** / CSCI 1011 **1**
  and
  CSCI 2010 - Introduction to Programming II **3** / CSCI 2011 **1**]
  or
  CSCI 2000 - Programming for STEM **4**
- 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 - Object Oriented Programming **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**
  or
  CSCI 3900 - Internship **3**
- CSCI 4270 - Algorithm Design and Analysis **3**
- MATH 1910 - Calculus I **4**
- MATH 1920 - Calculus II **4**
- MATH 3000 - Discrete Mathematics **3**
- MATH 3450 - Linear Algebra **3**

Select two (2) from the following:

- ASTR 1010 - Planetary Astronomy **3** / ASTR 1011 **1**
- ASTR 1020 - Stellar Astronomy **3** / ASTR 1021 **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**
- CHEM 1110 - General Chemistry I **3** / CHEM 1111 **1**
- CHEM 1120 - General Chemistry II **3** / CHEM 1121 **1**
- GEOL 1040 - Physical Geology **3** / GEOL 1041 **1**
- GEOL 1050 - Historical Geology **3** / GEOL 1050 **1**
- 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**

Select one (1) from the following:

- MATH 4670 - Numerical Analysis **3**
- STAT 3250 - Statistical Methods **3**
- STAT 4240 - Probability **3**

Total Hours 46

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

Electives

Total Hours 9-15

Total Program Hours 120

Minors (non-degree)

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 **3**
- MATH 4320 - Advanced Machine Learning **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.

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**

Total Hours 3 - 4

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 15

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.

Required Courses

Lower Division Courses

- [CSCI 1010 - Introduction to Programming I **3** / CSCI 1011 **1**
  and
  CSCI 2010 - Introduction to Programming II **3** / CSCI 2011 **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 11 – 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 23 - 24

Information Assurance and Security Minor

The Information Assurance and Security Concentration 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 Information Assurance and Security concentration may not also pursue a Information Assurance and Security 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**

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

Mobile Software Technology Minor

The Mobile Software Technology Minor will introduce students to the basic technologies needed to develop applications and websites for mobile devices. Students will work with various mobile devices and operating systems. Since many mobile applications communicate with other systems such as web servers, students will also be introduced to basic web and database development. This minor is appropriate for students with an interest in programming and software development.

Required Courses

Lower division courses

- [CSCI 1010 - Introduction to Programming I **3** / CSCI 1011 **1**
  and
  CSCI 2010 - Introduction to Programming II **3** / CSCI 2011 **1**]
  or

CSCI 2000 - Programming for STEM **4**

Total hours 4 – 8

Upper division courses

- CSCI 3300 - Client-Side Web Development **3**
- CSCI 4010 - Mobile Software Development I **3**
- CSCI 4020 - Mobile Software Development II **3**
- CSCI 4400 - Principles of Database Management **3**
- CSCI 3350 - User Experience Design **3**
  or
  CSCI 4000 - Database-Driven Web Development **3**
  or
  CSCI 4650 - Windows Server-Side Web Development **3**

Total hours 15

Total Hours 19 - 23

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 - Database-Driven 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 Engineering Technology

Austin Peay Center at Fort Campbell
Phone: 931-221-1470
Email: basdenm@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

Bachelor of Science

Aviation Science, B.S.

College of Science, Technology, Engineering and Mathematics

Department of Engineering Technology

Clarksville Regional Airport, Hangar 5
200A Outlaw Field Road Clarksville, TN 37042
Phone: 931-221-1494
Program Contact: Charles Weigandt
Email: weigandtc@apsu.edu
Website: www.apsu.edu/engineering-technology

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Rotor-Wing Concentration

Rotor-Wing Concentration

College of Science, Technology, Engineering and Mathematics

Department of Engineering Technology

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

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.)

College of Science, Technology, Engineering and Mathematics

Department of Engineering Technology

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; Preparing for ETAC of ABET accreditation), and Mechatronics (AAS and BS). Each concentration has been designed to meet the needs of local, regional, and national industry relative to the specific concentration.

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

Concentrations

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

Electrical Engineering Technology Concentration

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 **3**
- 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

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

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 3280 - Communication Systems I **3**
- ENGT 4150 - Programmable Logic Controls **3**
- ENGT 4220 - Communication Systems II **3**
- ENGT 4250 - Linear Electronics and Capstone Experience **3**

Total Hours 12

Concentration Guided Electives

Select two (2) courses 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 4120 - Sensors and Vision Systems **3**
- ENGT 4210 - Control Systems **3**
- ENGT 4991 - Special Problems **3**

Total Hours 6

Total Hours 33

Total Program Hours 120

Manufacturing Engineering Technology Concentration

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 **3**
- 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

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

Concentration Requirements

Upper Division Courses

- ENGT 3130 - Additive Manufacturing Technology **3**
- ENGT 3610 - Production/Operations Management **3**
- ENGT 3850 - Manufacturing Processes II **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 24

Concentration Guided Electives

Select three (3) 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 4150 - Programmable Logic Controls **3**
- ENGT 4710 - Fluid Mechanics **3**
- ENGT 4991 - Special Problems **3**

Total Hours 9

Total Hours 33

Total Program Hours 120

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.

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 **3**
- 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

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

Concentration Requirements

Upper Division Courses

- ENGT 3840 - Dynamics **3**
- ENGT 3880 - Direct Energy Conversion **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 21

Concentration Guided Electives

Select four courses (4) 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 3330 - Hybrid Vehicle Systems **3**
- ENGT 3610 - Production/Operations Management **3**
- ENGT 3650 - Statistical Quality Control **3**
- ENGT 3720 - Architectural Design **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 3890 - Mechatronics **3**
- ENGT 4130 - Additive Manufacturing Applications **3**
- ENGT 4150 - Programmable Logic Controls **3**
- ENGT 4720 - Advanced Computer Aided Design **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 12

Total Hours 33

Total Program Hours 120

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.

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 **3**
- 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

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

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

Associate of Applied Science

Engineering Technology (A.A.S.)

College of Science, Technology, Engineering and Mathematics

Department of Engineering Technology

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; Preparing for ETAC of ABET accreditation), and Mechatronics (AAS and BS). Each concentration has been designed to meet the needs of local, regional, and national industry relative to the specific concentration.

General Education Core

- APSU 1000 - Freshmen Seminar **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** /PHYS 1011 **1** (lab)
  or
  PHYS 2010 - College Physics I **4**
- Humanities - one (1) course from University Core list **3**
- Social Sciences - one (1) course from University Core list **3**

Total Hours 20

Concentrations

- Electronics Engineering Technology Concentration A.A.S
- Mechatronics Engineering Technology Concentration A.A.S.

Electronics Engineering Technology Concentration A.A.S

General Education Core for A.A.S.

- APSU 1000 - Freshmen Seminar **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

Mechatronics Engineering Technology Concentration A.A.S.

General Education Core for A.A.S.

- APSU 1000 - Freshmen Seminar **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 **3**

Total Hours 9-10

Concentration Requirements

Lower Division Courses

- ENGT 2000 - Manufacturing Processes **3**
- 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 2100 - Process Control Technologies **3**
- MET 2200 - Introduction to Totally Integrated Automation **3**
- MET 2300 - Automation Systems **3**
- MET 2400 - Motor Control **3**
- MET 2500 - Mechanics and Machine Elements **3**
- MET 2900 - Mechatronics Capstone **3**

Total Hours 33

Total Program Hours 62-63

Minors (non-degree)

Engineering Technology Minor

Department of Engineering Technology
Austin Peay Center at Fort Campbell
Location: Technology Building, Rm 203
Location: SSG Glenn H. English, Jr., Army Education Center Bldg. 202 - Room 1207, Fort Campbell, KY
Phone: 931-221-1470
Department Chair Email: manimaranr@apsu.edu
Website: www.apsu.edu/engineering-technology

Required Courses

- 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**

Electives

Complete six (6) hours from any ENGT 3000-4999 course.

Total Hours 18

Department of Geosciences

College of Science, Technology, Engineering and Mathematics
Location: McCord, 203
Phone: 931-221-7454
Website: www.apsu.edu/geosciences

Bachelor of Science

Geosciences (B.S.)

College of Science, Technology, Engineering and Mathematics

Department of Geosciences

Location: McCord Bldg., Room 203
Phone: 931-221-7454
Website: http://www.apsu.edu/geosciences

Description of Major

The Department of Geosciences offers a Bachelor of Science in Geosciences with two concentrations, Geology and Geography that prepare students for working in a diversity of Geoscience 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 Geosciences with a concentration in geology prepares students for state licensure to practice geology in the state of Tennessee.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Geography Concentration
- Geology Concentration

Geography Concentration

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 Regional Geography I **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**
- GEOL 1040 - Physical Geology **3**
- GEOL 1041 - Physical Geology Lab **1**

Total Hours 7

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 - World Regional Geography 2 **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 the African World **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 - Database-Driven 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 14-15

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- GEOG 1015 - Physical Geography **3**
- GEOL 1040 - Physical Geology **3** / GEOL 1041 **1** (lab)

Total Hours 7

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)
- GEOL 1050 - Historical Geology **3** / GEOL 1051 **1** (lab)
- MATH 1730 - Precalculus **4**
- CHEM 1110 - General Chemistry I **3** / CHEM 1111 **1** (lab)

Total Hours 16

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 3680 - Principles of Geochemistry **3**
- GEOL 4050 - Process Geomorphology **3**
- GEOL 4252 - Environmental Geology Field Methods
- GEOL 4450 - Economic Geology **3**
- 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**

Total Hours 10

Total Program Hours 120

Minors (non-degree)

Geographic Information Systems Minor

Department of Geosciences
Location: McCord Bldg., Room 203
Phone: 931-221-7454
Website: http://www.apsu.edu/geosciences

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)

Minor Guided Electives

- 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 - Business Mapping **3**

Total Hours 18

Geography Minor

Department of Geosciences
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 Regional Geography I **3**
- GEOG 1045 - World Regional Geography 2 **3**

Minor Free Electives

- Nine (9) hours from Upper Division Geography Courses (students must get their advisor's approval for these courses)

Total Hours 18

Geology Minor

Department of Geosciences
Location: McCord Bldg., Room 203
Phone: 931-221-7454
Website: http://www.apsu.edu/geosciences

Required Courses

- GEOL 1040 - Physical Geology **3** / GEOL 1041 **1** (lab)
- GEOL 1050 - Historical Geology **3** / GEOL 1051 **1** (lab)

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 4250 **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 18

Water Resources Management Minor

Department of Geosciences
Location: McCord Bldg., Room 203
Phone: 931-221-7454
Website: http://www.apsu.edu/geosciences

Required Courses

- GEOL 4250 - Hydrogeology **3** /GEOL 4251 **1** (lab)
- GEOG 4270 - Surface Water Hydrology **3** / GEOG 4271 - Surface Water Hydrology Lab **1**

Minor Guided Electives

Select six (6) 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)
- 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 18-20

Department of Mathematics and Statistics

College of Science, Technology, Engineering and Mathematics
Location: Maynard, 205
Phone: 931-221-7833
Website: http://www.apsu.edu/mathematics/

Bachelor of Science

Mathematics (B.S.)

College of Science, Technology, Engineering and Mathematics

Department of Mathematics

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

Description of Major

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Actuarial Science Concentration
- Mathematics Major
- Mathematics Education Concentration
- 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 graduations, students typically pass at least two actuarial exams and complete 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- MATH 1910 - Calculus I **4**
- MATH 1920 - Calculus II **4**
- MATH 2110 - Calculus III **4**

Total Hours 12

Upper Division Courses

- MATH 3010 - Introduction to Mathematical Reasoning **3**
- MATH 3450 - Linear Algebra **3**
- MATH 4240 - Probability **3**
  or
  STAT 4240 - Probability **3**
- MATH 4450 - Mathematical Models **3**
- MATH 4810 - Senior Seminar **1**
  or
  STAT 4810 - Senior Seminar **1**

Total Hours 13

Concentration Requirements

Lower Division Courses

- CSCI 1010 - Introduction to Programming I **3** / CSCI 1011 **1**
  or
  CSCI 2000 - Programming for STEM **4**
- ECON 2100 - Principles of Macroeconomics **3**
- ECON 2200 - Principles of Microeconomics **3**

Total Hours 10

Upper Division Courses

- FIN 3010 - Principles of Finance **3**
- MATH 4130 - Financial Mathematics **3**
- MATH 4140 - Financial Derivatives and Investment Markets **3**
- STAT 3250 - Statistical Methods **3**
- STAT 4120 - Regression Analysis **3**
- STAT 4140 - Time Series Analysis **3**
- STAT 4250 - Mathematical Statistics **3**

Total Hours 21

Concentration Guided Electives

Select at least four (4) courses from the list below in consultation with an advisor

- MATH 4000-4999 **6**
- STAT 4000-4999 **6**

Total Hours 12

Free Electives

- Complete ten (10) credit hours

Total Hours 10

Total Program Hours 120

Mathematics Major

Description of Major

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- MATH 1910 - Calculus I **4**
- MATH 1920 - Calculus II **4**
- MATH 2110 - Calculus III **4**

Total Hours 12

Upper Division Courses

- MATH 3010 - Introduction to Mathematical Reasoning **3**
- MATH 3450 - Linear Algebra **3**
- MATH 4240 - Probability **3**
  or
  STAT 4240 - Probability **3**
- MATH 4450 - Mathematical Models **3**
- STAT 4810 - Senior Seminar **1**
  or
  MATH 4810 - Senior Seminar **1**

Total Hours 13

Mathematics Major

Required Courses for Major

- CSCI 2000 - Programming for STEM **4**
- MATH 3120 - Differential Equations I **3**

Total Hours 7

Major Guided Electives

Complete one electives option

Option 1: Pure Math

- MATH 4500 - Modern Algebra **3**
- MATH 4710 - Real Analysis **3**
- MATH 4110 - Number Theory **3**
- Take any three (3) upper level courses from MATH 3000-4999 or STAT 3000-4999

Option 2: Applied Math

- MATH 3130 - Differential Equations II **3**
- MATH 4460 - Applied Mathematics **3**
- MATH 4670 - Numerical Analysis **3**
- STAT 4250 - Mathematical Statistics **3**
- Take any two (2) upper level courses from MATH 3000-4999 or STAT 3000-4999

Total Hours 18

Free Electives

- Thirty-one (31) credit hours

Total Hours 31

Total Program Hours 120

Mathematics Education Concentration

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- MATH 1910 - Calculus I **4**
- MATH 1920 - Calculus II **4**
- MATH 2110 - Calculus III **4**

Total Hours 12

Upper Division Courses

- MATH 3010 - Introduction to Mathematical Reasoning **3**
- MATH 3450 - Linear Algebra **3**
- MATH 4240 - Probability **3**
  or
  STAT 4240 - Probability **3**
- MATH 4450 - Mathematical Models **3**
- MATH 4810 - Senior Seminar **1**
  or
  STAT 4810 - Senior Seminar **1**

Total Hours 13

Concentration Requirements

Lower Division Courses

- CSCI 1010 - Introduction to Programming I **3** / CSCI 1011 **1**
  or
  CSCI 2000 - Programming for STEM **4**
  ***CSCI will substitute for EDUC 3040 in the minor**

Total Hours 4

Upper Division Courses

- MATH 3000 - Discrete Mathematics **3**
- MATH 3630 - College Geometry **3**
- MATH 4010 - History of Mathematics **3**
- MATH 4110 - Number Theory **3**
- MATH 4200 - Mathematics Content and Pedagogy for Middle School **3**
- MATH 4400 - The Teaching of Secondary School Mathematics **3**
- MATH 4500 - Modern Algebra **3**
- STAT 3250 - Statistical Methods **3**

Total Hours 26

Minor

- Students must declare the Professional Education for Secondary and K-12 minor (23 credit hours)

Student Teaching

Total Hours 12

Total Program Hours 128

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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- MATH 1910 - Calculus I **4**
- MATH 1920 - Calculus II **4**
- MATH 2110 - Calculus III **4**

Total Hours 12

Upper Division Courses

- MATH 3010 - Introduction to Mathematical Reasoning **3**
- MATH 3450 - Linear Algebra **3**
- MATH 4240 - Probability **3**
  or
  STAT 4240 - Probability **3**
- MATH 4450 - Mathematical Models **3**
- MATH 4810 - Senior Seminar **1**
  or
  STAT 4810 - Senior Seminar **1**

Total Hours 13

Concentration Requirements

Lower Division Courses

- CSCI 1010 - Introduction to Programming I **3** / CSCI 1011 **1**
  or
  CSCI 2000 - Programming for STEM **4**

Total Hours 4

Upper Division Courses

- STAT 3250 - Statistical Methods **3**
- STAT 4120 - Regression Analysis **3**
- STAT 4130 - Experimental Design **3**
- STAT 4250 - Mathematical Statistics **3**

Total Hours 12

Concentration Guided Electives

Select at least two (2) courses from the list below in consultation with an advisor

- MATH 3000-4999 **3**
- STAT 3000-4999 **3**

Total Hours 6

Free Electives

- Thirty-one (31) credit hours

Total Hours 31

Total Program Hours 120

Minors (non-degree)

Actuarial 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 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.

Required Courses

- MATH 1810 - Elements of Calculus **3**
  or
  MATH 1910 - Calculus I **4**
- MATH 4130 - Financial Mathematics **3**
- MATH 4140 - Financial Derivatives and Investment Markets **3**
- MATH 4240 - 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/

Required Courses

Lower Division Courses

- MATH 1810 - Elements of Calculus **3** or MATH 1910 **4**

Total Hours 3-4

Upper Division Courses

- STAT 3250 - Statistical Methods **3**
- STAT 4120 - Regression Analysis **3**
- STAT 4130 - Experimental Design **3**

Total Hours 9

Minor Guided Electives

Select at least two (2) courses from the list below

- BIOL 3000 - Biological Methods **4**
- 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
- MGT 3310 - Data Analytics and Statistics **3**
- MKT 4450 - Marketing Research **3**
- POLS 3760 - Methods of Research **3**
- PSYC 3290 - Introduction to Psychological Measurement **3**
- SOC 3770 - Social Statistics **3**
- SW 3770 - Research Methods **3**
- STAT 3000-4999

Total Hours 6-8

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/

Required Courses

Lower Division Courses

- MATH 1910 - Calculus I **4**
- MATH 1920 - Calculus II **4**
- MATH 2110 - Calculus III **4**

Total Hours 12

Upper Division Courses

Select six (6) credit hours from the courses listed below

- MATH 3000 - Discrete Mathematics **3**
- MATH 3010 - Introduction to Mathematical Reasoning **3**
- MATH 3120 - Differential Equations I **3**
- MATH 3130 - Differential Equations II **3**
- MATH 3450 - Linear Algebra **3**
- MATH 3630 - College Geometry **3**
- MATH 4010 - History of Mathematics **3**
- MATH 4110 - Number Theory **3**
- MATH 4210 - Topology **3**
- MATH 4240 - Probability **3**
  or
  STAT 4240 - Probability 3
- MATH 4260 - Stochastic Processes **3**
  or
  STAT 4260 - Stochastic Processes 3
- MATH 4450 - Mathematical Models **3**
- MATH 4460 - Applied Mathematics **3**
- MATH 4500 - Modern Algebra **3**
- MATH 4670 - Numerical Analysis **3**
- MATH 4710 - Real Analysis **3**
- STAT 3250 - Statistical Methods **3**
- STAT 4120 - Regression Analysis **3**
- STAT 4130 - Experimental Design **3**
- STAT 4250 - Mathematical Statistics **3**
- STAT 4270 - Nonparametric Statistics **3**

Total Hours 6

Department of Physics, Engineering and Astronomy

College of Science, Technology, Engineering and Mathematics
Location: Sundquist Science Complex, B332
Phone: 931-221-6116
Website: www.apsu.edu/physics/

What do physicists actually do? More than you ever imagined! Physicists put their knowledge of fundamental underlying scientific principles to practical use in fields like electronics, optics, communications, aerospace and medicine. Computers, GPS, and CD players, while commonplace today, all sprang from early technologies developed by physicists. Physicists lead the way in almost every new technology. They are well paid, and there is no shortage of career opportunities. Industries of all types are scanning graduating classes for bright problem-solvers with broad technical understanding—exactly what the physics department at APSU produces.

Bachelor of Science

Engineering Physics (B.S.E.)

College of Science, Technology, Engineering and Mathematics

Department of Physics, Engineering and Astronomy

Location: Building-Sundquist Science Center, Room B332
Phone (931) 221-6116
Website: www.apsu.edu/engineering

Description of Major

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. Engineering physicists are best suited to applying new technologies to problems in engineering design and manufacturing where established mechanical or electrical engineering approaches are inadequate. Engineering physics includes design as an element of the curriculum, much like an engineering program, while also requiring more advanced physics than a typical engineering degree. 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. The EP degree does not require a minor, 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 and engineering and courses (3000 or higher) require prerequisites to be passed with a grade of C or better for registration.

Major

- Engineering Physics Major

Engineering Physics

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- CHEM 1110 - General Chemistry I **3**
- CHEM 1111 - General Chemistry I Lab **1**
- CSCI 2000 - Programming for STEM **4**
- ECON 2100 - Principles of Macroeconomics **3**
- ENGR 1000 - Introduction to Engineering **2**
- ENGR 2110 - Statics **3**
- ENGR 2120 - Dynamics **3**
- MATH 1910 - Calculus I **4**
- MATH 1920 - Calculus II **4**
- MATH 2110 - Calculus III **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 39

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 Themodynamics **3**
- ENGR 3040 - Experimental Methods **2** / ENGR 3041 **2** (lab)

- 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

- 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 - Cooperatve 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

Physics (B.S.)

College of Science, Technology, Engineering and Mathematics

Department of Physics, Engineering and Astronomy

Location: Sundquist Science CenterRoom B332
Phone (931) 221-6116
Website: www.apsu.edu/physics

Description of Major

The APSU Physics Major 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 Medicine. Its large selection of major electives allows 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Concentrations

- Physics Major
- Astrophysics Concentration

Astrophysics Concentration

The Physics BS, Astrophysics Concentration is designed for students who wish to pursue graduate study in Astronomy or Astrophysics. It shares the Physics BS major core but replaces 18 hours of major guided electives with defined coursework in ASTR.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- CSCI 2000 - Programming for STEM **4**
- 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)

Total Hours 24

Upper Division Courses

- MATH 3120 - Differential Equations I **3**
- 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 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 **1** (*course to be taken 3 times)*
- PHYS 4990 - Capstone **1**

Total Hours 36

Total Hours 60

Concentration Requirements

Lower Division Courses

- ASTR 1010 - Planetary Astronomy **3** / ASTR 1011 **1** (lab)
- ASTR 1020 - Stellar Astronomy **3** / ASTR 1021 **1** (lab)

Total Hours 8

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

Total Program Hours 120

Physics Major

College of Science, Technology, Engineering and Mathematics

Department of Physics, Engineering and Astronomy

Location: Sundquist Science Center Room B332
Phone (931) 221-6116
Website: www.apsu.edu/physics

Description of Major

The APSU Physics Major 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 Medicine. Its large selection of major electives allows 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.

General Education Core

	Credit Hours
see General Education	41
University-Wide Freshman Seminar Requirement	1

Major Core Requirements

Lower Division Courses

- CSCI 2000 - Programming for STEM **4**
- MATH 1910 - Calculus I **4**

- MATH 1920 - Calculus II **4**
- MATH 2110 - Calculus III **4**
- PHYS 2110 - University Physics I **3** / PHYS 2111 **1** (lab)
- PHYS 2120 - University Physics II **3** / PHYS 2121 **1** (lab)

Total Hours 24

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 3000 - Introduction to Modern Physics **3**
- PHYS 3040 - Experimental Methods **2** / PHYS 3041 **2** (lab)
- 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 **1** *(Course to be taken 3 times)*
- PHYS 4990 - Capstone **1**

Total Hours 36

Total Hours 60

Major Guided Electives

8 Additional Hours from the College of STEM

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 Themodynamics **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 - Cooperatve 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 - Complex Analysis **3**
- MATH 4310 - Machine Learning **3**
- MATH 4320 - Advanced Machine Learning **3**
- MATH 4670 - Numerical Analysis **3**
- MATH 4710 - 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 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 - Regression Analysis **3**
- STAT 4290 - 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

Total Hours 18

Major Free Electives

- Eleven (11) credit hours of general electives

Total Hours 11

Total Program Hours 120

Minors (non-degree)

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.

Required Courses

- 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
Location: 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

Course Descriptions

Academic Support

APSU MIDCO - Reserved for Middle College
Credit Hours

APSU 1000 - Freshmen Seminar
Credit Hours 1
Description: APSU 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 APSU 1000 until a grade of "C" is earned.

APSU 4010 - General Studies Capstone
Credit Hours 3
Prerequisite: Open to General Studies majors within 6 hours of completion of the program.
Description: This capstone experience for General 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.

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, text 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
Corequisite: ACCT 2010;
Description: Lab component to ACCT 2010. Graded on a Pass/Fail basis.

ACCT 440I - Accounting Internship

Credit Hours 3
Prerequisite: Junior standing
Description: Designed to provide academic credit for relevant and meaningful experience in preparation for accounting positions. Weekly updates, term 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 3000 - Managerial Accounting
Credit Hours 3
Prerequisite: BB 1
Description: NOTE: Not open to accounting majors.
Issues associated with both the creation of accounting information and its use as the basis for managerial decision making. The course emphasizes budgeting methods, analysis of profitability, importance of cost controls, and necessity of timely accounting information.

ACCT 3010 - Intermediate Accounting I
Prerequisite: BB 1;
Description: This is an intensive study of environment and theoretical structure of financial accounting and reporting with advanced problems pertaining to the corporate form of ownership. Major topics include financial statements reporting and disclosures, the accounting processes; time value of money concepts; and asset recognition and measurements of cash and temporary investments, receivables, inventories, operational assets, intangibles, investments, and current liabilities.

ACCT 3020 - Intermediate Accounting II
Credit Hours 3
Prerequisite: BB 1 and ACCT 3010 with all grades of "C" or higher;
Description: This study of advanced topics in financial accounting and reporting extends the coverage of ACCT 3010. The focus is on how enterprises account for long-term liabilities, stockholders' equity; earnings per share; reporting for income taxes; derivative instruments, pensions and post-retirement benefits; leases; changes and error analysis; and segment of interim reporting.

ACCT 3100 - Financial Statement Analysis
Credit Hours 3
Prerequisite: BB 1 and ACCT 3010 with all grades of "C" or higher;
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 - Cost Accounting
Credit Hours 3
Prerequisite: BB 1 with all grades of "C" or higher;
Description: In-depth coverage of principles, techniques, and challenges of modern cost accounting and cost management used within organizations for planning, control, and decision-making from a strategic perspective. Topics of current interest include: job order and process costing, cost behavior, joint and by-product cost allocation, activity-based costing, variable costing, budgeting, standard costing systems, variance analysis, performance measurement, and quality control.

ACCT 3210 - Advanced Technology for Accounting
Credit Hours 3
Prerequisite: BB 1, MGT 3001 with all grades of "C" or higher
Description: A heavily application-oriented course when students will gain experience using spreadsheets, database, and small business accounting software to make accounting and financial decisions.

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
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: ACCT 2020 or permission of the chair.
Description: Foundations of Forensic Accounting will be introduced. Additional topics to be examined include: international issues, current events in accounting, as well as exposure to the "new" world of accounting and its ever-changing and ethical scenarios highlighting the ethical responsibilities of accountants.

ACCT 3710 - Accounting Information Systems
Credit Hours 3
Prerequisite: BB 1 with all grades of "C" or higher
Description: Accounting information systems including data/information handling, concepts, practices, professional ethics, and internal controls. Students are required to complete manual and computerized accounting information systems projects, research and prepare a written report.

ACCT 4020 - Accounting Seminar in Ethics
Credit Hours 1
Prerequisite: BB 1, ACCT 3020 with all grades of "C" or higher
Description: Discussion of ethics in relation to the field of accounting. Comparisons of codes of ethics of other professions with the code of ethics of the accounting profession is included.

ACCT 4030 - Accounting Seminar in Ethics
Credit Hours 1
Prerequisite: ACCT 2020
Description: This course will emphasize the individual as decision-maker and focus on ethical issues and dilemmas facing professional accountants. The specific objectives of the course are to raise students' general awareness of ethical dilemmas of the profession; to place ethical issues within a context subject to analysis and decision-making action and to improve the ability of students to reason toward a satisfactory resolution of an ethical dilemma.

ACCT 4210 - Auditing
Credit Hours 3
Prerequisite: ACCT 3020, 3710, BB 1 with all grades of "C" or higher
Description: Auditing includes study of evidence, internal controls of an organization, professional ethics and legal issues related to auditing, reporting on audit results and standards. Financial auditing will be emphasized, operational or internal auditing and techniques similar to auditing such as reviews and compilations.

ACCT 4220 - Auditing II
Credit Hours
Prerequisite: BB 1, ACCT 4210 with all grades of "C" or higher
Description: Auditing practice and theory emphasizing current authoritative professional literature and case studies. Students are required to research and prepare written reports and make presentations using multimedia technology. Includes an individual audit practice case and a group simulated audit.

ACCT 4230 - Data Analytics for Accounting
Credit Hours 3
Prerequisite: ACCT 4210
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 - Income Tax Accounting
Credit Hours 3
Prerequisite: BB 1, ACCT 3020 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: ACCT 2020
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, ACCT 4310 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: Advanced accounting topics, business combinations and consolidations, partnerships, segment and interim reporting, accounting for bankruptcies and liquidations.

ACCT 4610 - Accounting Theory
Credit Hours 3
Prerequisite: BB 1, ACCT 3020 with a grade of "C" or higher
Description: Selected readings from current literature, periodicals and official publications from accounting organizations. Examination of both the historical development and current state of accounting theory, principles, and practice and the environment influencing accounting practice. Consideration of theoretical issues associated with financial reporting. Students will write a research paper using information obtained from a variety of sources.

ACCT 4900 - Special Problems in Accounting
Credit Hours
Variable Credit Hours 1 to 6
Prerequisite: BB1, 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

Description: Contemporary issues and achievements in African American life will be addressed in this course. The experiences of African Americans and other racial and ethnic groups will be compared and contrasted. In addition, students will develop strategies they can use with families, coworkers, and peers to create better race relations in their immediate environments and nation as a whole.

AAST 2200 - Introduction African American Studies
Credit Hours 3
Description: A reading and discussion course that gives an analysis of the African American experience from a cultural, historical, social, political and psychological perspective.

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: Various aspects of expressive culture within the African American community for example, music, dance, and art will be explored. Students will learn the importance of these art forms in the daily lives of African Americans. This course will also highlight the achievements and contributions of African American artists to the world.

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
Prerequisite: ENGL 1020;
Description: An introduction to the writings of African American women from the nineteenth to the twenty-first century. Fiction, autobiography, non-fiction prose, and poetry will be read and discussed.

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
Prerequisite: AAST 2000 or permission of instructor
Description: Introducing Black Theatre and Performance explores the history of black theatre as it relates to African American and American society. The course examines works by playwrights such as: Lorraine Hansberry, August Wilson, and Ntozake Shana to learn how these artists helped shape theatre in the 20th and 21st century.

AAST 3400 - Blacks, Film, and Society
Credit Hours 3
Cross Listed: COMM 3400
Prerequisite: ENGL 2330
Description: Students will explore the role movies and television have played in the early formation and nurturing of racism in the U.S. Students will also examine how black men and women historically have been portrayed throughout popular culture and how film has been used to dismantle racism in the U.S.

AAST 3450 - Literature of the Black Power Movement
Credit Hours 3
Prerequisite: ENGL 2330
Description: Study of the literature, the culture, and the peoples of the Black Power Movement using primary sources and film.

AAST 3500 - Race, Gender and Sexuality
Credit Hours 3
Prerequisite: ENGL 2330
Description: Study of race, gender, and sexuality in the black community and how well it has embraced LGBT issues and black masculinity and femininity.

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
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
Corequisite: AGRI 1410;
Description: Laboratory component --
Fundamentals of science and economic importance of plants and their relationship to agriculture and society.

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 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 int he 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 forge 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 studies.

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 Technology I
Credit Hours 3
Prerequisite: Sophomore standing;
Corequisite: AGRI 3711;
Description: The study of veterinary medical concepts including diagnostic and treatment techniques, professional requirements, as well as legal and ethical responsibilities - focusing of the roles of those involved in the veterinary medical career field.

AGRI 3711 - Veterinary Technology I Lab
Credit Hours 1
Prerequisite: Sophomore standing;
Corequisite: AGRI 3710;
Description: Laboratory Component -- The study of veterinary medical concepts including diagnostic and treatment techniques, professional requirements, as well as legal and ethical responsibilities - focusing of the roles of those involved in the veterinary medical career field.

AGRI 3720 - Veterinary Technology II
Credit Hours 3
Prerequisite: Sophomore standing
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 Technology II 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 varied 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 3750 - Veterinary Technology Business
Credit Hours 1
Variable Credit Hours 0
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 int he 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 4030 - Senior Success Seminar
Credit Hours 1
Prerequisite: Senior status or permission of instructor;
Description: This is a senior capstone course to help assess student learning and prepare seniors for entrance to the workforce and/or graduate school. Students will prepare a Resume/CV, a portfolio, a job-search report, and mock interview.

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, regionalplanning, use of soil surveys, and factors in decision-making.

AGRI 4310 - Reproduction in Farm Animals

Credit Hours 3
Cross Listed: NA
Dual Listed: NA**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
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 4750 - Preparation for the VTN Exam
Credit Hours 1
Variable Credit Hours 0
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
Course Changes: number from ART 1030 & title from Art Appreciation
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
Course Changes: number from ART 1010 & title from Two Dimensional Design
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
Course Changes: number from ART 1020 & title from Three Dimensional Design
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: Introduction to the use of time and sequence in art and design. Development of craftsmanship, research strategies, and visual literacy through digital and traditional studio experiences and exposure to contemporary art, design, and theory. Professional practice of portfolio assembly and maintenance.

ART 2010 - Art History, Survey I
Credit Hours 3
Course Changes: number from ART 2010
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, Oceana, 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: Introduction to sculptural techniques and materials. Included are modeling, carving, construction, and casting.

ART 2080 - Photo I for Non-Art Majors
Credit Hours 3
Description: Introduction to both traditional and digital photography workflows using digital and analog cameras. Introduction to film processes and darkroom procedure.

ART 2090 - Photography I
Credit Hours 3
Prerequisite: ART 1045, 1340, 1360;
Description: Introduction to both traditional and digital photography workflows using digital and analog cameras. Introduction to film processes and darkroom procedure.

ART 2170 - Digital Media 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 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 3080 - 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 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 - Digital Media II
Credit Hours 3
Prerequisite: ART 1070 or permission of instructor
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 3200 - History of American Art
Credit Hours 3
Prerequisite: ART 2010, 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
Prerequisite: ART 2010, 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
Prerequisite: ART 2010, 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
Prerequisite: ART 2010, 2020 or permission of instructor
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 - History of Native American Art
Credit Hours 3
Prerequisite: ART 2010, 2020;
Description: This course focuses on the cultural significance, function, meaning, and style of historical artifacts, visual culture, and contemporary art works made by indigenous North Americans in present-day 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: 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. Students may earn up to a total of six hours of (324x) courses.

ART 3280 - History of Baroque Art
Credit Hours 3
Prerequisite: ART 2010, 2020
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
Prerequisite: ART 2410 and ART 2420
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 permission of instructor;
Description: A continuation of any painting media, with emphasis on pursuit of individual direction, historicalprecedents, 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 2420 and ART 3420
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 permission of instructor;
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 - Photography II
Credit Hours 3
Prerequisite: ART 3690
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 3690 - Digital Photography
Credit Hours 3
Prerequisite: ART 1045, 1340, 1360, or by permission of instructor
Description: Exploration of photography through digital media, to include digital camera, computer hardware, and software.

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
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 3080
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 - Digital Media III
Credit Hours 3
Prerequisite: ART 1350,1070, 1050
Description: Students will be introduced to the workflow of animation, scripting to screen, in a digital environment.

ART 4190 - Photography III
Credit Hours 3

Prerequisite: ART 2080 or 2090;
Description: Historical and alternative photographic processes are integrated with digital technology. Large format cameras are introduced and conceptual development is emphasized.

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 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 and ART 3420
Description: Continued exploration of animation theory and practice. Students will employ different styles and media of the discipline.

ART 4415 - Animation IV
Credit Hours 3
Prerequisite: ART 4410;
Description: A study and practical development of acting techniques for 3D animation. Students will utilized new work flows such as lip-sync and acting reference in the creation of dialogue shots.

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
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
Corequisite: ASTR 1011;
Description: The subjects of planetary astronomy such as the planets and their moons, planetary geology, the sun, the origin of the solar system; the tools and methods of astronomy including celestial observation, light and other types of radiation, telescopes and spectroscopy. Laboratory 1011 is to be taken concurrently.

ASTR 1011 - Planetary Astronomy Lab

Credit Hours 1

Corequisite: ASTR 1010;

Description: Laboratory Component for ASTR 1010 covering subjects of planetary astronomy such as the planets and their moons, planetary geology, the sun, the origin of the solar system; the tools and methods of astronomy including celestial observation, light and other types of radiation, telescopes and spectroscopy. Lecture to be taken concurrently.

ASTR 1020 - Stellar Astronomy
Credit Hours 3

Corequisite: ASTR 1021

Description: The subjects of stellar astronomy such as starbirth, star life, star death, pulsars, black holes, galaxies, quasars and cosmology; the tools and methods of astronomy including locating and naming stars and constellations, light and other radiation, telescopes and spectroscopy. Laboratory 1021 is to be taken concurrently.

ASTR 1021 - Stellar Astronomy Lab
Credit Hours 1

Corequisite: ASTR 1020;

Description: Laboratory component for ASTR 1020 covering the subjects of stellar astronomy such as starbirth, star life, star death, pulsars, black holes, galaxies, quasars and cosmology; the tools and methods of astronomy including locating and naming stars and constellations, light and other radiation, telescopes and spectroscopy. Lecture to be taken concurrently.

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 2250 - Engine Rebuilding
Credit Hours 3
Prerequisite: Instructor approval;
Description: Principles and processes of remanufacturing automotive internal combustion engines to include problem diagnosis and identification, disassembly procedures, selection of appropriate remanufacture procedures, component remanufacture or replace, reassembly, adjustment and testing.

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 2570 - Advanced Engine Performance, Diagnosis, and Service
Credit Hours 3
Prerequisite: Instructor approval;
Description: Diagnosis and repair techniques for automotive fuel, emission, ignition, and engine computer systems. Selection and application of appropriate diagnostic equipment.

ENGT 2590 - Advanced Automotive Transmissions
Credit Hours 3
Prerequisite: Instructor approval
Description: Troubleshooting and overhaul procedures on hydraulically operated transmission and transaxles; torque convertors; 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 asbapplied 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.

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.

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).

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.

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
Prerequisite: PHYS 2010/2011;
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
Pre/Corequisite PHYS 2010/2011
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
Prerequisite: AVI 3120
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.

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.

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.

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 2010/2011, 2020/2021;
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.

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.

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 and 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 4
Prerequisite: BIOL 1110/1111 with a grade of "C" or higher
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 or 2020/2021 with a grade of "C" or higher;
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 or 2020/2021 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 Infromation 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 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 3060/3061 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 3060/3061 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 sereis 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
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
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
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 4400 - Teaching Science in High School
Credit Hours 3
Prerequisite: Provisional admission to Teacher Education
Description: Emphasis is placed on providing pre-service secondary science teachers with the opportunity to develop and present brief laboratory activities, teach selected concepts to peers, and prepare written activities that promote critical thinking and meet the needs of students with diverse learning preferences. Preparation of a 2-3 week teaching unit and 30 hours of field experience are required.

BIOL 4410 - Reproductive Physiology
Credit Hours 3
Prerequisite: BIOL 1120/1121 and one upper division biology course; and one eight-hour chemistry series 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 1120/1121 and one upper division biology course; and one eight-hour chemistry series 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 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 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 4820 - Environmental Education Internship
Credit Hours 15
Prerequisite: Junior or senior status and permission of instructor
Description: One semester of on-the-job experience in planning and implementing environmental education programs. 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
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. (Suggested for non-science majors.)

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. (Suggested for non-science majors.)

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. (Suggested for non-science majors.)

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. (Suggested for non-science majors.)

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. Does not count towards the minor in chemistry.

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 complexiметric volumetric titration; analytical separations, spectrophotometric, and electroanalytical techniquest; 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 complexiметric volumetric titration; analytical separations, spectrophotometric, and electroanalytical techniquest; 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 3500/3501 or 3510/3511 with a grade of "C" or higher;
Effective Spring 2020: 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 3500/3501 or 3510/3511 with a grade of "C" or higher;
Effective Spring 2020: 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 1020/1021 or 1120/1121 with grades of "C" or higher;
Effective Spring 2020: 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. Not recommended for Chemistry majors.

CHEM 3501 - Brief Organic Chemistry Lab
Credit Hours 1
Prerequisite: CHEM 1020/1021 or 1120/1121 with grades of "C" or higher;
Effective Spring 2020: 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. Not recommended for Chemistry majors.

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 and (PHYS 2020 or PHYS 2120) and MATH 1910 with grades of "C" or higher;
Effective Spring 2020: 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
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 - Chemistry Senior Seminar
Credit Hours 1
Prerequisite: CHEM 3520/3521 with grades of "C" or higher and permission of instructor
Effective Spring 2020: CHEM 2000 and CHEM 3520/3521 with grades of "C" or higher and permission of instructor
Description: Review of major areas of chemistry, visiting chemists' presentations, student research presentations. To be completed in spring or fall of the calendar year of the student's graduation date.

CHEM 4140 - Chemical and Laboratory Safety
Credit Hours 3
Cross Listed: CHEM 5140;
Prerequisite: CHEM 1120/1121 with a grade of "C" or higher or permission of instructor;
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
Cross Listed: CHEM 5150;
Prerequisite: CHEM 1120/1121 with grades of "C" or higher or permission of instructor;
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 chromateography.

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 chromateography.

CHEM 4300 - Brief Biochemistry
Credit Hours 3
Prerequisite: CHEM 3500/3501 or 3510/3511 with a grade of "C" or higher;
Effective Spring 2020: CHEM 3500/3501 or CHEM 3520/4321 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 3510/3511 with a grade of "C" or higher;
Effective Spring 2020: 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 3520/3511 and (BIOL 1010/1011 or 1110/1111) with grades of "C" or higher;
Effective Spring 2020: 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 3520/3511 and (BIOL 1010/1011 or 1110/1111) with grades of "C" or higher;
Effective Spring 2020: 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 3610/3611, 4320/4321 with grades of "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
Prerequisite: CHEM 3610/3611, 4320/4321 with grades of "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. Students should expect a required weekend field trip during the semester.

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, 35203521, 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 multi nuclear 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 and 3610/3611 with grades of "C" or higher;
Effective Spring 2020: CHEM 3520/ 3521 with grades of "C" or higher
Corequisite: CHEM 4551;
Description: Advanced studies of bonding, stereo chemistry, 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 and 3610/3611 with grades of "C" or higher;
Effective Spring 2020: CHEM 3520/ 3521 with grades of "C" or higher
Corequisite: CHEM 4550;
Description: Laboratory component for the advanced studies of bonding, stereo chemistry, 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 to 3
Variable Credit Hours 1 to 3
Prerequisite: CHEM 3520/3521 and (BIOL 1010/1011 or 1110/1111) with grades of "C" or higher;
Corequisite: CHEM 4311
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 1120/1121 or CHEM 1840 with a grade of "C" or higher and permission of instructor
Effective Spring 2020: CHEM 1120/1121 with a grade of "C" or higher and permission of instructor
Description: Advanced topics in chemistry for majors and minors. May be repeated for up to 12 hours.

CHEM 4860 - Scientific Communication
Credit Hours 3
Cross Listed: CHEM 5860
Prerequisite: CHEM 1120/CHEM 1121 with grades of "C" or higher, or permission of instructor.
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 4
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 textural examination and discussion of representative works of Chinese literature.

Classics

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 tothe 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 3210 - Greek Literature in Translation
Credit Hours 3
Prerequisite: ENGL 2330

Description: A study of the major writers of ancient Greece in English translation. Topics may include various genres, judging translations, and the post-classical life of ancient Greek literature.

CLAS 3220 - Latin Literature in Translation
Credit Hours 3
Prerequisite: ENGL 2330
Description: A study of major writers of ancient Rome in English translation. Topics may include various genres, judging translations, and the post-classical life of ancient Latin 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 Archaeology
Credit Hours 3
Prerequisite: ENGL 2330
Description: An introduction to the archaeology of ancient Greece, with attention to sites from the Neolithic period through the Hellenistic period. Topics covered include developments in art and architecture, as well as, the history of archaeological thought. Includes visits to sites when taught in Greece.

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 3420 - Roman Archaeology
Credit Hours 3
Prerequisite: ENGL 2330
Description: Major archaeological sites of Italy from earliest times to the empire with a focus on the monuments and topography of Rome. The development of archaeology in Italy, and the history of archaeological thought are also studied. Includes visits to sites when taught in Italy.

CLAS 3430 - Roman Religion
Credit Hours 3
Prerequisite: ENGL 2330
Description: Introduction to religious beliefs and practices of the ancient Romans from the late Republic through the first centuries of the Empire. Major deities, rituals, festivals, cults, sanctuaries, of the Roman people; emperor cult; the emergence of Eastern cult. Knowledge of Latin 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 - Women in Antiquity
Credit Hours 3
Prerequisite: ENGL 2330
Description: A study of women in the ancient Greek and Roman world through library, art historical, and archaeological material.

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 World
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 styles 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
Prerequisite: COMM 2920 or 2930
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
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
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
Corequisite: 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 researchfindings, 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 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: Indepth 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
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
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 Acquisition and Development
Credit Hours 4
Prerequisite: NA
Corequisite: NA
Pre/Corequisite NA
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. Course includes guided observations.

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 Assessment and Treatment
Credit Hours 3
Prerequisite: CSDI 1030, 2020
Description: This course will examine the etiologies, characteristics, assessment, and intervention principles for adult clients with known or suspected speech, language, and/or swallowing disorders. Evidence-based practice across prevention, assessment and intervention strategies for this population will be emphasized.

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, 2080, 3040
Description: This course will give students the opportunity to apply concepts and develop skills in the clinical practice of speech-language pathology. 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 4025 - Clinical Experience
Credit Hours 2
Prerequisite: CSDI 2020, 2040, 2080, 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

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 1015 - Introduction to Computer Programming
Credit Hours 3
Corequisite: CSCI 1018
Description: This is an introduction to application program design and coding using the Java language; the processes and methods for writing well-structured, well-documented, and well-performing computer programs to implement common information processing tasks; overview of computer problem-solving strategies, software design and documentation methods, and program coding techniques; data types, data structures, and program control structures.

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 1018 - Introduction to Computer Programming Lab
Credit Hours 1
Description: Laboratory component of Introduction to Computer Programming. An introduction to application program design and coding using the Java language; the processes and methods for writing well-structured, well-documented, and well-performing computer programs to implement common information processing tasks; overview of computer problem-solving strategies, software design and documentation methods, and program coding techniques; data types, data structures, and program control structures.

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
Variable Credit Hours 0
Prerequisite: MATH 1910 and permission of instructor
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 2070 - Programming in Selected Languages I
Credit Hours 3
Description: Detailed study of one or more modern programming languages. Emphasis placed on competent programming in the selected language(s), understanding the main application areas for the language(s), and history and basis for creation of the language(s).

CSCI 2080 - Programming Selected Languages II
Credit Hours 3
Prerequisite: CSCI 1010 or 2000
Description: Detailed study of one or more modern programming languages. Emphasis placed on competent programming in the selected language(s), understanding the main application areas for the language(s), and history and basis for creation of the language(s).

CSCI 2500 - Discrete Structures
Credit Hours 3
Prerequisite:
(C or better in CSCI 1010 and C or better in CSCI 1011)or (C or better in CSCI 2000)
and
(C or better in MATH 1010 orC or better in MATH 1530 or ACT score of 19 or higher)
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 3000 - Data Modeling
Credit Hours 3
Description: This course emphasizes the role of the database administrator in converting a conceptual model into a relational data model. The student will use business rules for developing entity-relationship diagrams for relational data models. Student will transform data models into relations and tables within a database using functional dependencies and normalization techniques. The course introduces SQL scripting. The student will develop a database from a case study.

CSCI 3005 - Object Oriented Programming
Credit Hours 3
Prerequisite: CSCI 2000 or 2010
Description: An introduction to object-oriented programming. Topics include classes, encapsulation, inheritance, polymorphism, templates, container classes, object-oriented design, and the use of class libraries.

CSCI 3020 - XML Processing
Credit Hours 3
Prerequisite: CSCI 2000 or 2010

Description: An introduction to eXtensible Markup Language (XML) and its role in data management. Topics covered will include XML technologies, such as XSLT and XQuery; uses of XML in databases, web publishing, and data exchange; and SAX and DOM parsing.

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 3100 - Linux
Credit Hours 3
Description: Introduction to the Linux operating system. Topics include command line processing, the Linux file system, text editors, shell scripting, and text processing tools.

CSCI 3200 - Principles of Information Security
Credit Hours 3
Description: An introduction to the technical and management aspects of information security. This course provides the foundation for understanding issues associated with security in computing, including security threats and controls, protection of computer systems and data, and planning for security through the development of an information security strategy.

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 2010
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 3600 - 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 3760 - Linux Network Operating System Administration
Credit Hours 3
Prerequisite: CSCI 3700
Description: This course covers the fundamental Linux system administration and Linux network administration principles. Topic covered include: directory tree, file and memory management, system monitoring, user accounts, TCP/IP configuration, name service and address translation, firewall, IP accounting, email service, and web services.

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 - Database-Driven Web Development
Credit Hours 3
Dual Listed: CSCI 5060**Prerequisite:** CSCI 3300
Description: This course covers the development of web-based data management and information retrieval applications that connect to databases using a server-side programming language. This course also covers the configuration and maintenance of databases and web servers, for the purpose of deploying dynamic web applications.

CSCI 4010 - Mobile Software Development I
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
Prerequisite: CSCI 2010 or CSCI 2000
Description: Introduction to cloud computing and developing applications for the cloud. Topics include basic cloud concepts, cloud services and platforms, distributed processing frameworks, and cloud security.

CSCI 4020 - Mobile Software Development II
Credit Hours 3
Prerequisite: CSCI 4010
Description: Continuation of CSCI 4010. The class will cover concepts such as custom components in user interfaces, multi-threaded programming, game programming, sound, and simultaneous development of apps for phones, tablets, and other devices. All software development will be for the Android platform.

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: Detailed study of systems programming, general operating systems concepts, memory management, auxiliary storage management, process control, multi-processing, processor management, networking, performance monitoring, and computer system security.

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: Formal definition of programming languages including specifications of syntax and semantics. Simple statements including precedence, infix, prefix, and postfix notation. Global properties of algorithmic languages including scope of declarations, storage allocation, grouping of statements, binding time of constituents, subroutines, and tasks.

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 4390 - Introduction to JAVA Server Pages
Credit Hours 3
Prerequisite: CSCI 4000
Description: This is an introduction to server-based Web processing within a Java Server Pages (JSPI) development environment; coverage of server-side scripting elements, database access methods, servlets, dynamic content, standard and custom actions, authentication, and JavaBeans. Three hours per week.

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 4420 - Database Admin-MS SQL Server
Credit Hours 3
Prerequisite: CSCI 4400
Description: This course teaches topics of database administration including database design, database implementation, user support, change-control procedures, planning for growth, and technology evaluation using MS SQL Server. Three hours per week.

CSCI 4430 - Database Admin Using Oracle
Credit Hours 3
Prerequisite: CSCI 4400
Description: This course will teach basic database features and administrator operations using the Oracle Database Management System. This will include components, tools, instances, tables, indexes, and profiles.

CSCI 4440 - Introduction to Open Source Databases
Credit Hours 3
Prerequisite: CSCI 4400 (prerequisite added beginning Spring 2014)
Description: This course will introduce basic database features and administrator operations of open source relational databases such as MySQL and PostgreSQL. Topics will include installation, administration, database and table design, stored procedures, and optimization.

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
Prerequisite: CSCI 2000 or 2010 and MATH 3450 or 2110
Description: Computer graphics for computer science or mathematics students with emphasis on implementation details, algorithms, transformations, coordinates, color models, interactive graphics, and graphics standard languages. Raster and vector graphics, color and black and white, will be studied using various hardware devices. PostScript and device-dependent languages may be explored.

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 4600 - Software Engineering
CSCI 2010 and CSCI 2011
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
Dual Listed: CSCI 5613
Prerequisite: CSCI 4200and (MATH 1110 or MATH 1710 or MATH 1730 or CSCI 2500 or ACT-M 25 or higher)
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 3200 - Principles of Information Security, 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 3200 - Principles of Information Security, 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 3200 - Principles of Information Security (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.

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

CCET 1210 - Construction Surveying
Credit Hours 3
Prerequisite: ENGT 1200 or MATH 1730
Description: Surveying as applied to construction; with special emphasis on cross-section, slope stakes, grades, layout of utilities and buildings, differential and profile leveling; measuring distances, elevations, and angles with a transit.

CCET 2450 - Residential Mechanical Systems
Credit Hours 3
Description: The course provides an extensive training from basic to advanced Heating and Air Conditioning. Designed to focus on the fundamentals of mechanical components, troubleshooting techniques of the mechanical system. Particular focus will be on types of energy used for residential and commercial buildings.

CCET 2540 - Jobsite Management
Credit Hours 3
Description: Introduces the fundamentals of construction jobsite management and project management in today's work environment. The course will explain the construction manager's role in jobsite documentation and record keeping, layout and control, meetings and employee labor relations, safety management, subcontracting, purchasing, project quality management, time and cost factors, and claims and the process of payment.

CCET 2715 - Wood Design
Credit Hours 3
Prerequisite: ENGT 1020 and (ENGT 1200 or MATH 1730)
Description: Design of wooden floors, beams, joints, columns, trusses, connections and bracing by using the National Design Standards.

CCET 2720 - 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 construction drawings and construction documents using 3D and BIM modeling software.

CCET 2740 - Water and Sewer Systems
Credit Hours 3
Prerequisite: ENGT 1200 or MATH 1730
Description: Application of environmental principles to land planning and development. Waste water treatment processes and system design. Review the sources of drinking water; treatment of water and treatment of wastes; disposal of water sewage; treatment of disposed water and sewage.

CCET 2790 - Capstone Project
Credit Hours 3
Prerequisite: CCET 2715, 2720;
Description: Fundamental of construction planning and scheduling using CPM arrow and precedence networks; resource allocation and leveling; PERT; Hands-on experience in using project software.

ENGT 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.

ENGT 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.

ENGT 2700 - Construction Estimating
Credit Hours 3
Prerequisite: ENGT 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.

ENGT 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 - Terrorism Understanding
Credit Hours 3
Description: An introduction to key concepts related to terrorism, its history, origins, causes, and policies designed to counter it. Major topics include an overview of terrorism as a political weapon; defining terrorism; radicalization; the causes of terrorism; precepts of domestic and international terrorism; and the extremist ideologies and religious foundations of terrorism. Students are also introduced to the policy tools used to prevent and counter terrorism.

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, infusion 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 - Penology and the Study of Corrections
Credit Hours 3
Description: This course will provide an in-depth overview of the correctional system, a historical perspective, and methods to reduce recidivism and its place in the system. Topics include treatment of juvenile and adult offenders, U. S. Supreme Court decisions, and the overall effectiveness of incarceration.

CRJ 3210 - Medico-Legal Forensics
Credit Hours 3
Description: This elective course examines the basic concepts of forensic science through advanced scientific crime-solving techniques such as establishing identity through human remains. Topics include forensic anthropology; odontology; radiology; serology; DNA tracing; medical examiner procedures; wound ballistics; and trauma examinations.

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 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 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 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 andcounter 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 majorwritten 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.

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 RestaurantAssociation's ServSafe or any similar certificate.

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
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
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
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. Soufflés, dessert sauces and creative flavorful designs exemplify this course.

CULA 1325 - Culinary II (Fabrication)
Credit Hours 3
Prerequisite: 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
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
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
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
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
Description: This course covers the principles and techniques of sorbets and ice creams, soufflés, cobblers, crisps and strudel dough products. Topic include Baked Alaska, bombes, sherbets, crepes and hot and cold soufflés. 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: Permission of instructor
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
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
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
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 - World Dance
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 I
Credit Hours 2
Description: Theory and practice of ballet techniques. Open to all.

DANC 1450 - Modern Dance I
Credit Hours 2
Description: Theory and practice of modern dance techniques. Open to all.

DANC 1500 - Jazz Dance I

Credit Hours 2
Description: Theory and practice of jazz dance techniques. Open to all.

DANC 1700 - Hip Hop Dance I
Credit Hours 2
Description: Exploration of hip-hop dance styles. Open to all.

DANC 1850 - Dance Performance Practicum
Credit Hours 1
Prerequisite: Department consent
Description: Practical experience rehearsing and performing in a concert dance work.

DANC 1900 - Tap Dance I
Credit Hours 2
Description: Beginning exploration of form, style, and techniques of tap dance. Open to all.

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 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 2600 - 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 dance repertoire, ballet partnering, specialized course taught by a Guest Artist in residence or other. Topics to be announced.

DANC 2850 - Dance Performance Practicum
Credit Hours 1
Prerequisite: Department consent
Description: Practical experience rehearsing and performing in a concert dance work.

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 itis approached through Musical Theatre. General Musical Theatre styles will be introduced as well as choreography for the stage.

DANC 3350 - Ballet III
Credit Hours 2
Prerequisite: DANC 2355 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 advanced level.

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 III
Credit Hours 2
Prerequisite: DANC 2450 and course restricted to those pursuing theatre and dance majors, minors or concentrations or permission of instructor;
Description: Theory and practice of modern dance techniques at an advanced level.

DANC 3500 - Jazz Dance III
Credit Hours 2
Prerequisite: DANC 2500 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 advanced level.

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 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 3850 - Dance Performance Practicum
Credit Hours
Prerequisite: Department consent
Description: Practical experience rehearsing and performing in a concert dance work.

DANC 3880 - Costuming for Dance
Credit Hours 3
Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission design concepts in a collaborative process, character analysis, to realization of designs that enhance the choreographic intent.
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 III
Credit Hours 2
Prerequisite: DANC 2900
Description: Intermediate exploration of form, style, and techniques of tap dance.

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 - Dance Somatics
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 IV
Credit Hours 2
Prerequisite: DANC 3350
Description: Development of pre-professional classical ballet technique including principles, theory and practice.

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 IV

Credit Hours 2
Prerequisite: DANC 3450 and course restricted to those pursuing theatre and dance majors, minors, or concentrations or permission of instructor;
Description: Theory and practice of modern dance techniques at a pre-professional level.

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 IV
Credit Hours 2
Prerequisite: DANC 3500
Description: Pre-professional exploration of the form, style, and techniques of jazz dance.

DANC 4600 - Special Topics in Dance
Credit Hours 3
Prerequisite: Department consent
Description: Occasional course offerings 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 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 4700 - Analysis and Criticism of Dance
Credit Hours 3
Prerequisite: Course restricted to those pursuing Theatre & Dance Majors, Minors or Concentrations or permission of instructor; Sophomore standing;
Description: Students will study major theories in dance performance, which inform their analysis of contemporary choreography. Students will hone presentation and writing skills through exposure to different styles and types of critical writing.

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 4850 - Dance Performance Practicum
Credit Hours 1
Prerequisite: Department consent
Description: Practical experience rehearsing and performing in a concert dance work. May be repeated for credit an additional two times.

DANC 4900 - Tap Dance IV
Credit Hours 2
Prerequisite: DANC 3900
Description: Pre-professional exploration of form, style, and techniques of tap dance.

DANC 4950 - Choreography Practicum
Credit Hours 2
Prerequisite: Department consent
Description: Student choreography of a substantial concert dance work. May be repeated for credit an additional two times.

DANC 4995 - Senior Capstone
Credit Hours 4
Prerequisite: Department consent and senior standing
Description: A method of 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 dance student will create a substantial work. Application must be approved.

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

Transition 1 - Candidacy Status

Credit Hours
Prerequisite:
Description:

- Completion of EDUC 2100 or equivalent with "C" or better
- Minimum of 12 hours of undergraduate credit or 3 hours of graduate credit
- Minimum 2.5 GPA
- Acceptable level for knowledge and skills identified for Milestone I through approval of electronic portfolio
- Evidence of Professional Dispositions
- Completion of security clearance by TBI/FBI

Transition 2 - Provisional Status

Credit Hours
Description:

- Minimum 2.75 GPA
- Minimum of "C" in Professional Minor courses
- Acceptable level for knowledge and skills identified for Milestone II through approval of electronic portfolio
- Evidence of Professional Dispositions
- Minimum of 45 hours if undergraduate or 9 hours if graduate student
- Minimum Praxis I (PPST Reading--174; Writing--173; and Math--173 or ACT--22; SAT--1020) or GRE (Verbal--350 and Quantitative--350) for graduate students
- Successful interview (during EDUC 3070/5501)
- Completion of security clearance by TBI/FBI

Transition 3 - Clinical Status

Credit Hours
Description:

- 2.75 GPA
- Minimum of 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
- Acceptable level for knowledge and skills identified for Milestone III through approval of electronic portfolio
- Evidence of Professional Disposition
- Completion of security clearance by TBI/FBI

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-quilibrium 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 3510 - Government and Business
Credit Hours 3
Prerequisite: BB 1
Description: Relationships between government and business, government efforts to enforce competition to regulate public utilities, and protect the special interests of farmers, workers, and consumers.

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 3960 - Urban Environments and Economics
Credit Hours 3
Prerequisite: BB 1
Description: An examination is made of the urban environments. Consideration is given to environmental problems.

ECON 3980 - Economic Geography
Credit Hours 3
Prerequisite: BB 1
Description: A systematic examination of the structure of dynamic global economic activities. Economic theory is emphasized for review of geographic patterns of resource utilization.

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 4210 - Public Finance
Credit Hours 3
Prerequisite: BB 1
Description: Role of government and its function and limitations in a market, provision of goods and services by all levels of government instruments of taxation evaluated according to efficiency and equity criteria, and contemporary public sector issues.

ECON 4310 - Labor Economics
Credit Hours 3
Prerequisite: BB 1
Description: Economics of the labor market and labor relations, theories of wages and employment, determination of unemployment, investment in human capital, discrimination, public policy toward the labor market, role of labor unions, practices, procedures, legal foundations, legal structure associated with collective bargaining, form and content of the labor contract, grievance machinery, and mediation and arbitration institutions.

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: Permission of Chair and instructor
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 individual's 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 individual's 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.

EDUC 2100 - Foundations of Education
Credit Hours 2
Prerequisite: 12 credit hours of core requirements and ENGL 1010
Description: The social, philosophical, and historical background of education will be explored. The course will contain discussion and cooperative learning and includes a required virtual field experience.

EDUC 3000 - Educational Psychology
Credit Hours 3

Prerequisite: Transition Point 1
Description:

This course promotes understanding of human learning and development necessary to engender competent, caring professionals by providing opportunities to describe, compare, and contract various theories in order to create appropriate learning environments.

EDUC 3001 - Educational Psychology
Credit Hours 3.0
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
Prerequisite: Transition 2
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 3090 - Elementary School Curriculum, Methods, and Philosophy
Credit Hours 3
Prerequisite: Transition 2
Description: The course focuses on the principles of child development, effective and differentiated instructional strategies for diverse young learners, standards-based curriculum integration, instructional planning and assessment. 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 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 Point 2
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.

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 Englishlanguage 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: As part of the Practicum block of courses for those seeking secondary (6-12), middle school (6-8), and Special Education licensure, Milestone II status is required.
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.

Electronics Engineering Technology

EET 1030 - DC Fund and Circuits
Credit Hours 3
Prerequisite: ENGT 1200, EET 1120 or permission of instructor
Description: Analysis of electrical measurements of current, voltage, and resistance including Kirchhoff's Law, Ohm's Law, series, parallel and series-parallel circuits. Selected network theorems-superposition, Thevenin and Norton's theorems and conductors and insulators.

EET 1040 - AC Fundamentals and Circuits
Credit Hours 3
Prerequisite: EET 1030
Corequisite: EET 1120
Description: Analysis of Alternating Current circuits, inductance, capacitance, reactance, impedance, series-parallel in alternating current circuits, network analysis, more complex circuits, transformers, and resonance.

EET 1120 - Applied Mathematics for Electronics
Credit Hours 3
Description: Description: Topics from Algebra, Geometry and Trigonometry, and in Electronics Engineering Technology applications are covered. Includes topics from algebra and geometry, right angle triangles and trigonometric functions, exponential and logarithmic functions and complex numbers.

EET 1150 - Calculus for Electronics
Credit Hours 3
Prerequisite: EET 1120, ENGT 1400
Description: Fundamental concepts, functions, average rate, limits, graphic differentiation. Derivatives, derivatives applied, integrals and integrals applied. Definite integrals, logarithmic and exponential functions.

EET 1210 - Electronic Test Equipment and Procedure
Credit Hours 3
Description: Electronic instruments, how they work, and their uses in solving practical problems in the lab.

EET 1230 - Electronic Fundamentals and Circuits I
Credit Hours 3
Prerequisite: EET 1040 and (PHYS 1020 or PHYS 2020)
Description: Basic concepts of semiconductor diodes and bipolar transistors theory. Diodes and applications, Bipolar Junction Transistor (BJT) operation, biasing and small signal amplifiers. A study of Junction Field-Effect Transistor (JFET) and Metal Oxide Semiconductor FET transistor (MOSFET) operation, biasing, and small signal amplifiers. Analysis of Class A, Class B, and Class C power amplifiers.

EET 1240 - Electronic Fundamentals and Circuits II
Credit Hours 3
Prerequisite: EET 1230

Description: Operational amplifiers and integrated circuits, operational amplifier applications, oscillators, active filters, voltage regulators, shockley diods, silicon controlled rectifier, diad, triac, unijunction transistor and opto-electronic devices.

EET 2030 - Digital Electronic Circuits I
Credit Hours 3
Prerequisite: ENGT 2010, EET 1030 or permission of instructor
Description: Concepts of number systems, binary and other number base systems, Boolean algebra and logic systems, logic gate circuits, adders, and flip-flips.

EET 2040 - Digital Electronic Circuits II
Credit Hours 3
Prerequisite: EET 2030
Description: Continuation of EET 2030, with the study of shift register counter circuits, multiplexers, digital to analog (D to A) converters, A to D converters, and memory devices.

EET 2140 - Communication Circuits I
Credit Hours 3
Prerequisite: EET 1150, EET 1240
Description: Operation and theory of electronic communication systems. The theory of Amplitude Modulation (AM)/demodulation, Frequency Modulation (FM)/demodulation, and Side Bands.

EET 2150 - Communication Circuits II
Credit Hours 3
Prerequisite: EET 2140
Description: Continuation of 2140 with the study of antennas, transmission lines, wave propagation, fiber optics.

EET 2320 - Microcontroller Circuit Construction
Credit Hours 3
Prerequisite: EET 2040
Description: An explanation of basic principles of a microcontroller from the ground up. Topics include microcontroller concepts, architecture, addressing modes, scaling operations, instruction types, stack operations, and interrupt handling. C programming and assembly language are used. The Freescale HCS12 microcontroller will be used for hands-on learning.

EET 2330 - Electronic Project I
Credit Hours 3
Prerequisite: EET 2040, EET 2140
Corequisite: EET 2150, EET 2320
Description: Design, fabrication involving an approved electronic project. Construction includes layout and fabrication of circuit, wiring, and the assembly. The students test and analyze the performance of the project and submit a written report.

EET 2410 - Digital Communications
Credit Hours 3
Prerequisite: EET 1240, EET 2030
Description: Communication techniques and systems used for digital data transfer. Digital transmission and various modulation techniques, RS-232 interface standard, other communication interfaces, telephone systems and modems, network, error detection, correction, and data security.

EET 2420 - Introduction to Computer Architecture
Credit Hours 3
Prerequisite: EET 2320
Description: Introducing computer purposes, computer architectures: memory CPU, computer peripherals, high level language and data, data input/output, and voice recognition systems.

EET 2430 - Introduction to Operating Systems
Credit Hours 3
Prerequisite: EET 2420
Description: Introducing interrelationships of software and hardware in computer systems. A study of scheduling,

shared resources, multi-users, security files, multi-tasking, and DOS and UNIX operating systems.

EET 2440 - Introduction to Programmable Controllers
Credit Hours 3
Description: Introducing programmable logic controllers (PLC), PLC hardware, components, number systems and codes. Fundamentals of logic, basic PLC programming, developing fundamental PLC wiring diagrams and ladder programs, programming timers and counters, PLC editing and trouble-shooting, and PLC installation practices.

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 semmester sequence covering mathematical techniques used for problem solving in engineering and physics, focusing on techniques to solve differential and partial differntial equations. Techniques will be applied to physical systems.

ENGR 3020 - Engineering Themodynamics
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, solverelevant 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 - Cooperatve 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
Prerequisite: ENGR 2120, 3020, 3005, 3050/3051, 3650, ENGR 3700 and CSCI 2000 with grades of "C" or better;
Description: Selected engineering projects emphasizing mechanical, electrical, fluids, and thermal systems and the study of the design process. Student teams design, build, and test the assigned project considering economics, manufacturability, and health and safety. Presentations and engineering documentation required. Engineering principles reviewed in preparation for the Fundamentals of Engineering exam.

ENGR 4520 - Engineering Design II
Credit Hours 3
Prerequisite: ENGR 4510 with a grade of "C" or higher;
Description: Selected engineering projects emphasizing application of the design process. Individuals design, build, and test a prototype device/model as part of the assigned project. Presentations, written design analysis reports, drawings and prototype required. Engineering principles reviewed in preparation for the NCEES Fundamentals of Engineering (FE) exam. This course requires the completion of 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

CCET 1325 - Construction Drawing
Credit Hours 3
Description: Description: Understanding construction drawings to develop print reading skills in all aspects of building construction and in-depth study of one aspect of print reading of single family homes to larger commercial buildings.

CCET 2490 - Print Reading for Residential and Commercial
Credit Hours 3
Description: Print reading fundamentals, construction materials and light framing applicable to the carpentry, electrical, mechanical, and general building trades. Provides authentic print reading experiences using contemporary prints. Single and multifamily dwellings, plus mixed-use and light commercial project plans. Specifications describing the building components and construction procedures.

CCET 2690 - Applied Electricity for Construction
Credit Hours 3
Description: Description: Wiring calculations and circuits methods. Application of the national electrical code and required installation according to FHA specification. Schematics, diagrams, and blueprints applicable to electrical plans for domestic and commercial buildings. Diagrams and sketching electrical plans for electrical installation using appropriate symbols and notes according to the applicable codes.

ENGT 1000 - Introduction to Engineering and Engineering Technology
Credit Hours 3
Description: Basic engineering graphics to include descriptive geometry, orthographic projection, sectioning, auxiliary views, dimensioning, axonometric and obilque views.

ENGT 1005 - Industrial Workforce Preparation
Credit Hours 3
Prerequisite: None
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 promptness, overall professionalism, and multicultural work environments.

ENGT 1020 - Computer Aided Drafting and Design
Credit Hours 3
Description: Use of computers for drafting and design: used in two-dimensional mechanical drawing; creating multi-views, sections, auxiliary views and dimensioning and plotting on paper scale. Three dimensional and isometric drawings will also be included.

ENGT 1200 - Applied Mathematics for Engineering Technology
Credit Hours 3
Prerequisite: Completion of any enhanced math requirements before taking this course;
Description: Topics from Algebra, Geometry, and Trigonometry for engineering technology applications, including right triangles and trigonometric functions, exponential and logarithmic functions, and complex numbers. Students must complete any enhanced math requirements before taking this course.

ENGT 1400 - Applied Calculus for Engineering Technology
Credit Hours 3
Prerequisite: ENGT 1200 or MATH 1730
Description: Coverage includes application of calculus in technology, derivatives, applications of derivatives, direct integration, integration by use of tables, applications of integration, 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.

ENGT 2010 - DC Circuits and Applications
Credit Hours 3
Prerequisite: ENGT 1200, or MATH 1730, or permission of instructor
Description: Analysis of electrical measurements direct current circuits; Ohms Law, series and parallel circuits, Kirchoff's Laws, and selected network theorems including superposition, Thevenin's, and Norton's theories applied to DC circuit.

ENGT 2020 - Robotics Fundamentals
Credit Hours 3
Description: Topics include history of robotics, terminology, classifications, end-of-arm tooling, sensing, control, applications, safety, development, future trends and social impact. Using hands-on activities the students will program robots for some simple tasks.

ENGT 2030 - AC Circuits and Applications
Credit Hours 3
Prerequisite: ENGT 2010
Description: Analysis of alternating current circuits, inductance, capacitance, reactance, impedance, Kirchoff's Laws, and selected network theorems including superposition, Thevenin's, and Norton's theories applied to AC circuit analysis. Introduction to electronics, resonance, and filter circuits.

ENGT 2200 - Electronics Fundamentals I
Credit Hours 3
Prerequisite: ENGT 2030,
Description: Introduction to semiconductor electronic devices: diodes and applications, transistors -Bipolar Junction Transistor (BJT) operation, biasing, small signal amplifiers, Field Effect transistors (FET), and other components. Analysis of Class A, Class B, and Class C power amplifiers.

ENGT 2220 - Digital Design I
Credit Hours 3
Prerequisite: ENGT 2010
Description: The study of digital combinational circuits. Topics include number systems, logic gates, Boolean algebra, and logic simplicity, Karnaugh mapping and functions of combinational logic. Students will solve selected problems by application of circuits.

ENGT 2240 - Electronics Fundamentals II
Credit Hours 3
Prerequisite: ENGT 2200
Description: Advanced topics in electronics. Use of operational amplifiers and integrated circuits, operational amplifier applications, oscillators, active filters, voltage regulators, and controlled voltage regulators.

ENGT 2250 - Digital Design II
Credit Hours 3
Prerequisite: ENGT 2220
Description: The study of digital sequential logic. Topics include latching, flip-flops, counter circuits, coding, timing, shift registers, data transmission, memory, and storage. Further study of Karnaugh mapping in sequential circuits.

ENGT 2260 - Microcontrollers

Credit Hours 3
Prerequisite: ENGT 2250
Description: An explanation of basic principles of a microcontroller from the ground up. Topics include microcontroller concepts, architecture, addressing modes, scaling operations, instruction types, stack operations, and interrupt handling. C programming and assembly language are used. The Freescale HCS12 microcontroller will be used for hands-on learning.

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 generating 3D solid models and assemblies. Generation of 2D engineering drawings from 3D solid models.

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: Introduction to structure, properties, and manufacture of engineering materials including polymers, metals, ceramics, and composites. Atomic, molecular, and crystal structures; crystal geometry and growth will be related to electrical and mechanical properties.

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 for its present or future worth are compared in investment decisions.

ENGT 3020 - Statics and Strength of Materials
Credit Hours 3
Prerequisite: (ENGT 1200 or MATH 1730) and PHYS 2010/2011
Description: Analysis of forces acting on a body at rest, equilibrium of rigid body, friction, center of gravity, moment of inertia, stresses and strains, torsion, shear, bending moment, deflection, Mohr's circle and column design.

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 1810 or MATH 1910 or ENGT 1400;
Description: Creative and analytic methods for solving technological problems. Creative strategies; problem definition; finding solutions; implementation and evaluation. Mathematical tools applied to technological problems.

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; hands-on Fanuc, Adept, and Mitsubishi robot programming and implementation.

ENGT 3130 - Additive Manufacturing Technology
Credit Hours 3
Prerequisite: ENGT 2730
Description: This course will cover a brief history and development of Rapid Prototyping (RP) technology, compare Additive Manufacturing (AM), Subtractive Manufacturing (SM), introduce AM technologies and their base materials. There will be hands-on labs to design parts on CAD, produce them with 3D printers, and visit metal deposition technology centers.

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 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, junior standing or permission of instructor
Description: Basic principles and techniques of quality control and its applications to manufacturing process. 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 3710 - Introduction to Environmental Engineering Technology
Credit Hours 3
Prerequisite: ENGT 2000
Description: Introduction to water, soil and air pollution with emphasis on treatment of water and wastes introduced into the environment by manufacturing operations. Environmental regulations and review of environmental chemistry.

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
Prerequisite: Not accepted as ENGT elective for ENGT majors
Description: Overview of technology and the effects of technical innovations on society. Physical, economic, and societal aspects in technical decision-making. Ethics in technology. Examination of the public image of technology and its impact on society. Focus on developing technical literacy and preparing students to make informed decisions on technological issues.

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 predicting the motion of particles, collections of particles, and rigid bodies. Introduction to mechanical 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 program

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 - Direct Energy Conversion
Credit Hours 3
Prerequisite: ENGT 3030, 3040
Description: Theory and application of devices used to convert types of energy into usable electrical energy. Fuel cells, solar collection devices, thermal conversion devices, fluid dynamic devices to include magnetohydrodynamics, will be studied. Energy loss and ways of measuring losses will be applied to measuring 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 4000 - Senior Project
Credit Hours 3
Prerequisite: Senior standing and permission of instructor
Description: Capstone experience prior to full time employment. Students will work on a technical project in industrial environment. Students must get prior approval for and must present an acceptable report at the end of the project. Preparation for full time employment; resumes; interview and job expectations; oral and written presentation of technical subjects; current topics in industry.

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.

ENGT 4130 - Additive Manufacturing Applications
Credit Hours 3
Prerequisite: ENGT 3130
Description: Student project teams will design a product that is difficult or impossible to fabricate using SM technology, and then utilize the AM technologies available in the lab to fabricate the product. Students will search current AM R&D and application information and make presentations to share in class.

ENGT 4150 - Programmable Logic Controls
Credit Hours 3
Prerequisite: ENGT 2030 and Senior status
Description: Introduction to programmable logic controllers (PLC), PLC components, programming in binary logic (Boolean Logic), counter and timer, memory organization and date manipulation. Students will learn various control diagrams, programming languages and control circuits; and will program various PLCs for hands-on controls.

ENGT 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.

ENGT 4190 - Additive Manufacturing Capstone
Credit Hours 3
Prerequisite: ENGT 4130
Description: This capstone project course has the students do role playing in a company organization by applying their knowledge learned from other courses to conduct market research, product design, production and ending with a final product in the AM technology. This course enhances students' teamwork, interpersonal, social and leadership skills.

ENGT 4200 - Linear Electronics
Credit Hours 3
Prerequisite: ENGT 2240, 3280 and permission of instructor

Description: Introduction to linear integrated circuits, analyzing, modeling, and the performance of operational amplifiers and linear integrated circuits; circuit functions and applications with emphasis on operational amplifiers and other state-of-the-art devices. Completion of capstone project course for the electrical/electronics option; this integrating experience requires students to working on project deliverables and final report.

ENGT 4210 - Control Systems
Credit Hours 3
Description: Introduction to fundamentals of control systems beginning with analog analysis and mechanical concepts such as gears, springs, friction and inertia, and covers feedback control theory that links electrical and mechanical concepts.

ENGT 4220 - Communication Systems II
Credit Hours 3
Prerequisite: ENGT 2220, ENGT 3280
Description: Transmitting medium and methods of getting signals from transmitters to receivers such as transmission lines, wave propagation, antennas, waveguides and radar, microwave and lasers, and fiber optics are covered. Students will prepare a capstone design project proposal including system requirements, selection of hardware, software, timetable, 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 and of operational amplifiers and other devices. Completion of capstone project for electronics option, this integrating experience requires students to work on project deliverables and 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.

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 or 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 Pro Engineer software. Generation of 3D solid models of complex objects and traditional 2D engineering drawings including sections, elevations, and auxiliary views from solid models. 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 4795 - Civil Capstone Project
Credit Hours 3
Prerequisite: ENGT 4020, 4740 or ENGT 4750
Description: A Civil Capstone Project. Modern methods for managing construction projects, including Critical Path Method (CPM), resource allocation and flow of funds. Practical applications are made through simulated projects. Student will produce a complete design of a project, detail drawings, schedules and estimates for a project.

ENGT 4800 - Machine Design
Credit Hours 3
Prerequisite: (ENGT 1400 or MATH 1810) and ENGT 3020, 2730
Description: Overview of machines, mechanical systems, and machine dynamics. Transmission components and applications. Machine element design based on strength of materials. Machine element failure. Introduction to machine operation, maintenance, and condition monitoring.

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, 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. Acoustics, measurement of vibration and noise.

ENGT 4850 - Computer Integrated Manufacturing
Credit Hours 3
Prerequisite: ENGT 2000, 2020
Description: Introduction to the manufacturing enterprise, manufacturing systems; computer integration in product design, production and operations planning and scheduling, production process systems, production support systems, and enterprise resources.

ENGT 4870 - Facilities and Equipment for Environmental Engineering Technology
Credit Hours 3
Prerequisite: ENGT 3710
Description: Facilities, structures and equipment developed to treat or remove environmental wastes. Emphasis on operation of facilities and equipment at engineering technology level. Current methods for handling and treatment of solid, liquid, and gaseous industrial and municipal wastes.

ENGT 4880 - Refrigeration Machines and Power Systems
Credit Hours 3
Prerequisite: ENGT 3030
Description: Application of thermodynamic principles to understanding and improving power systems and refrigeration machines. Rankine, Otto, Diesel, and Brayton cycles for power; vapor compression and absorption machines for refrigeration.

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 4800, 3840, 3030, 2730
Description: An integrated work experience allowing students to apply the knowledge gained from the Engineering Technology core and mechanical specialization 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 4910 - Senior Project
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 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.

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, sovereignites 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
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 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: Development of the student's writing skills through a process of thinking, researching, planning, writing, reviewing, revising, and editing expository essays.

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
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
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 Film Studies
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 - The Adolescent Experience in Literature
Credit Hours 3
Prerequisite: ENGL 1020
Description: Emphasizes thematic connections between adolescent literature as a late-20th century genre and traditional literature from various literary perspectives. Particular focuses: aesthetic qualities, portrayal of adolescent developmental tasks, representation of adolescence in diverse cultural contexts, and application in Secondary-English classrooms. Required for English majors in teacher licensure program.

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 - Literary Writers' Marketplace
Credit Hours 3
Prerequisite: ENGL 2330
Description: This course helps writers understand how editors assess writing that has been submitted for publication. The course also helps students determine whether a piece of writing is appropriate for a press. Students produce book review essays as a means of acquiring skill at making this determination.

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: Must have earned junior standing (60 hours) with a minimum cumulative GPA of 2. 25 or better and have completed the following courses with a grade of "C" or better: COMM 2045; ENGL 1020; ACCT 2010, 2020; ECON 2100, 2200; MATH 1810 or 1910 or 1530.
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 3410 - Principal Casualty and Life Insurance
Credit Hours 3
Prerequisite: BB 1, FIN 3010
Description: A survey of insurance principles and practices through a study of underwriting, life insurance, disability insurance, casualty insurance, and legal liability.

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 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 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 - Elementary 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 - Elementary 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 formsfor 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 Québéco'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 2.25 or better and have completed the following courses with a grade of "C" or better: COMM 2045; ENGL 1020; ACCT 2010, 2020; ECON 2100, 2200; MATH 1810 or 1910 or MATH 1530

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; MGT 3310,
MGT 2010 , MGT 3300

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, hypothesistesting, regression analysis, and introductory business analytics.

Geography

GEOG 450A - Special Problems in Physical Geography
Credit Hours 1 to 3
Variable Credit Hours 1 to 3
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 project with faculty supervision.

GEOG 450B - Special Problems in Economic Geography
Credit Hours 3
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 project with faculty supervision.

GEOG 450C - Special Problems in Regional Geography
Credit Hours 3
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 project with faculty supervision.

GEOG 450D - Special Problems in Urban Geography
Credit Hours 3
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 project with faculty supervision.

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 Regional Geography I
Credit Hours 3
Description: Realms and regions generally included within the Americas, Europe, Russia, Australia, and New Zealand are analyzed with respect to physical setting, cultural characteristics, economic, political relationships and interconnections.

GEOG 1045 - World Regional Geography 2
Credit Hours 3
Description: Realm region and region countries generally included within across Africa, Asia, and the Pacific will be analyzed with respect to their physical setting, world location, population characteristics, cultural characteristics, economic and political connections/relationships, and problems/potentialities interconnections.

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: Description: Regional and national conditions, events, problems and trends in South, East, and Southeast Asia using a cross disciplinary approach. Interaction between the physical and cultural landscapes as a basis for social, economic, political and environmental problems will be emphasized.

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 the African World
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 3960 - Urban Environment
Credit Hours
Description: An examination is made of urban environments. Consideration is given to urban environmental problems.

GEOG 3970 - Rural Development
Credit Hours 3
Description: Description: Practices and problems in agricultural and economic advancement are reviewed using development thought and theories. Explanations of inequalities among different agricultural societies are emphasized in the context of contemporary themes like globalization.

GEOG 3980 - Economic Geography
Credit Hours 3
Prerequisite: recommended: GEOG 1035;
Description: A systematic examination of the structure of dynamic global economic activities, provided through an analysis of their defining spatial patterns, pressures and interactions. Economic theory is not emphasized, except as necessary for the investigation of geographic patterns of resource utilization and the dynamic interactions of human, economic and physical environments.

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 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.

GEOG 5040 - Sustainable Development
Credit Hours 3
Prerequisite: GEOG 1015 and MATH 1710 or higher, or consent of instructor
Description: Utilizing systemic human, economic and environmental interactions, sustainable development carries out the examination of a rapidly growing Earth population footprint through continued natural resource use, pollution production, and population adaptation. Minerals and energy resources, soil, water, air, forests, and wildlife habitats will be considered. Reducing consumption and development of alternative resources are course focuses.

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 - Straitigraphy 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 - Elementary 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 complexsyntactical structures.

GERM 1020 - Elementary 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 complexsyntactical 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 (Effective Spring 2022)
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
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 (Effective Spring 2022)
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 - Elementary Greek I
Credit Hours 3
Description: An introduction, with cultural context, to the ancient Greek language, with emphasis on the written language; elements of Greek grammar and syntax; practice in reading and translation of Classical and New Testament Greek prose.

GREK 1020 - Elementary Greek II

Credit Hours 3
Prerequisite: GREK 1010
Description: An introduction, with cultural context, to the ancient Greek language, with emphasis on the written language; elements of Greek grammar and syntax; practice in reading and translation of Classical and New Testament Greek prose.

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 3510 - Greek Historians
Credit Hours 3
Prerequisite: GREK 2020
Description: Selections from Herodotus, Thucydides, Xenophon or any other of the Greek historians. Topics may include the history of historical prose, stylistic qualities of the various writers, as well as grammatical review.

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 3610 - Greek Drama
Credit Hours 3
Prerequisite: GREK 2020
Description: Readings from Aeschylus, Sophocles, Euripides, Aristophanes or Menander. Some discussion of Aristotle's Poetics, background to Greek drama, and the production of Greek plays.

GREK 3620 - Greek Philosophers
Credit Hours 3
Prerequisite: GREK 2020
Description: Readings from the pre-Socratics, Plato, Aristotle, et al. Discussion of the history of Greek philosophical writing.

GREK 3710 - Greek Lyric Poetry
Credit Hours 3
Prerequisite: GREK 2020
Description: Readings from Homer's Odyssey, Hesiod or Apollonius of Rhodes. Discussion of the history of epic poetry and its place in the larger Greek poetic tradition.

GREK 3720 - Greek Epic Poetry
Credit Hours 3
Prerequisite: GREK 2020
Description: Readings from Homer's Odyssey, Hesiod or Apollonius of Rhodes. Discussion of the history of epic poetry and its place in the larger Greek poetic tradition.

GREK 3810 - Greek Rhetoric
Credit Hours 3
Prerequisite: GREK 2020
Description: Readings from Greek orators, including, but not limited to, Lysias, Demosthenes, Isocrates, Andocides, et.al. Discussion of the history of rhetoric, rhetorical devices, and the place of rhetoric in the larger Greek literary tradition.

GREK 3910 - Hellenistic Prose
Credit Hours 3
Prerequisite: GREK 2020
Description: Selections from Pausanias, Lucian, Longus, Plutarch, et.al. Topics may include the development of prose, and the stylistic qualities of the various writers.

GREK 4210 - Greek Prose Composition
Credit Hours 3
Prerequisite: GREK 2020
Description: Practice in composing connected prose in Attic Greek of the Classical period. Topics may include grammar review, development of Greek prose, the use of rhetorical devices; there may be brief readings from a variety of prose authors in addition to the composition assignments.

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 4401 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 - Fitness Concepts and Assessment in Physical Education
Credit Hours 1
Pre/Corequisite HHP 1250
Description: This course will focus on the health-related components of fitness and their alignment to curriculum and standards. Emphasis will be on assessment and exercise prescription for school-aged children.

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 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 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
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 caching different age groups, ability levels and gender. Class discussion will also be 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 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 blomechanics 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 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 4210 - Measurement and Evaluation
Credit Hours 3
Prerequisite: Sophomore standing or permission of department chair
Description: The study of measurement and evaluation in health and human performance. The types of tests appropriate for evaluation and research in the discipline will be covered. Methods of test selection and computer applications for statistical analysis will be examined and applied.

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
Pre/Corequisite 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
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 1
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 1
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
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: Previoulsy 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 3Cross
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 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 economicstimulus 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 - Readings in Art and Culture
Credit Hours 3
Description: No description

HON 300X - Colloquium
Credit Hours 3
Description: An interdisciplinary exploration of a special topic, an issue of current concern, or a major non-Western culture. Specific topics and course titles to be announced.

HON 1000 - Introduction to University Life
Cross Listed: APSU 1000
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 2220 - Dialogues on Diversity
Credit Hours 3
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.

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.

Hospitality

HOSP 3800 - Hospitality Administration Strategies
Credit Hours 3
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 - Hospitality Administration Technology and Applications
Credit Hours 3
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
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 3840 - Restaurant/Food Service Administration
Credit Hours 3
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 Promotion and Sales
Credit Hours 3
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 - Tourism Administration Strategies
Credit Hours 3
Description: In this course, students will view the tourism from a business perspective, examining the management, marketing and finance issues most important to industry members. Readings, cases, examples, and discussions help students relate theory to the practice of tourism administration.

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
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.

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 4
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 4
Prerequisite: JAPN 1010
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 textural examination, and discussion of representative works of Japanese literature.

JAPN 2020 - Intermediate Japanese II
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.

Korean

KOR 1010 - Elementary Korean I
Credit Hours 4
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 4
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 - Elementary 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 - Elementary 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 3510 - Latin Historians
Credit Hours 3
Prerequisite: LATN 2020
Description: Selections from Sallust, Caesar, Livy, Tacitus, Suetonius or any other of the Latin historians. Some discussion of the history of historical writing in Rome, stylistic peculiarities of the various authors, and the place of historical writing in the broader literary context of ancient Rome.

LATN 3610 - Latin Drama
Credit Hours 3
Prerequisite: LATN 2020
Description: Selected readings from the plays of Plautus, Terence or Seneca. Discussion of the drama as a literary form, conventions of the Roman theatre, Greek predecessors, and the practical side of play production.

LATN 3620 - Latin Letters
Credit Hours 3
Prerequisite: LATN 2020
Description: Selected readings from the letters of Cicero and/or Pliny the Younger. Some discussion of the letter as a literary form, epistolary style and syntax. Greek predecessors, and the practical side of letter writing in antiquity.

LATN 3710 - Latin Lyric Poetry
Credit Hours 3
Prerequisite: LATN 2020
Description: Readings from Catullus, Tibullus, Propertius, and other Latin lyric poets. Discussion of the history of the development of lyric poetry, including Greek precedents, and its place in the larger Latin literary tradition.

LATN 3720 - Later Latin Epic
Credit Hours 3
Prerequisite: LATN 2020
Description: Selected readings from the poems of Ovid, Statius, or Lucan. Discussion of the development of epic poetry in the first century A.D. with reference to the epic tradition.

LATN 3810 - Latin Rhetoric
Credit Hours 3
Prerequisite: LATN 2020
Description: Readings from Roman orators, primarily Cicero. Readings may include selections from rhetorical works

such as the de oratore and the Rhetorica and Herrenium as well. Discussion of the history of rhetoric, rhetorical devices, and the place of rhetoric in the larger Latin literary tradition.

LATN 4210 - Latin Prose Composition
Credit Hours 3
Prerequisite: LATN 2020
Description: Practice in composing connected prose in Latin of the Classical period. Topics may include grammar review, the developmental of Latin prose, the use of rhetorical devices; there may be brief readings from a variety of prose authors in addition to the composition assignments.

LATN 4300 - The Roman Novel
Credit Hours 3
Prerequisite: LATN 2020
Description: Selected readings from Petronius or Apuleius. Discussion of the ancient novel tradition, including Greek predecessors and such later authors as Dictys Cretensis and Iulius Valerius.

LATN 4310 - Medieval Latin
Credit Hours 3
Prerequisite: LATN 2020
Description: Selected readings of Latin authors from c. 500 to 1500 A.D. Readings may include both prose and poetry. Study of the development of Latin throughout this period, including some discussion of the breakdown into the vernacular Romance languages.

LATN 4410 - Latin Satire
Credit Hours 3
Prerequisite: LATN 2020
Description: Selected readings from the poems of Horace, Martial or Juvenal. Discussion of the development of satire and its place in the Latin literary tradition.

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
Credit Hours 3
Description: This course examines basic concepts of leadership and explores current thought in the field of study. 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, Politics, and Change
Credit Hours 3
Description: This course (open to all APSU students) takes an interdisciplinary look at leadership and change in organizations and groups. Students are exposed to structural, cultural, and political challenges that leaders face. Designed to help one understand sources of power and authority, various theories of organizational development and leadership strategies are explored for uses in dealing with complex situations and setting.

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, grouplink, 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 3160 - Strategic Leadership
Credit Hours
Description: Examines strategic nature of leadership: how leaders create form and focus out of chaos to achieve goals. Drawing from diverse disciplines, topics include the evolution of strategic thinking, application of strategy, game theory, and relationship of strategy to systems, information, and execution.

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 4000 - Internship in Leadership
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.

LDSP 4001 - Great Leaders
Credit Hours
Prerequisite: President's Emerging Leaders Program (PELP) students only
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
Description: This course (open to all APSU students) examines how the leader of any type of organization deals with technology as an agent of change. Students investigate how technology changes organizations and their environments, and they formulate strategies for leading diverse groups through technological change.

LDSP 4511 - Vital Topics in Leadership
Credit Hours 1
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.
LDSP 4511, 4512, 4513, - 4514, 4515, 4516, 4517, 4518, 4519, 4520 - Vital Topics in

Leadership (1 credit hour each)
Credit Hours
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4511-4520 - Vital Topics in Leadership (1 hour each)
Credit Hours
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4512 - Vital Topics in Leadership
Credit Hours 1
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4513 - Vital Topics in Leadership
Credit Hours
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4514 - Vital Topics in Leadership
Credit Hours
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4515 - Vital Topics in Leadership
Credit Hours
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4516 - Vital Topics in Leadership
Credit Hours
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4517 - Vital Topics in Leadership
Credit Hours
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4518 - Vital Topics in Leadership
Credit Hours
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4519 - Vital Topics in Leadership
Credit Hours
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4520 - Vital Topics in Leadership
Credit Hours
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

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 4610, 4620, 4630, - 4640, 4650, 4660, 4670, 4680, 4690, 4700 - Emerging Issues in Leadership (3 hours each)
Credit Hours
Description: Advanced readings and research in a selected area of leadership studies. Topics to be chosen by the instructor.

LDSP 4620 - 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 4630 - 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 4660 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 4670 - 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 4680 - 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 4690 - 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
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 - Advances in Leadership Science
Credit Hours 3
Description: This course is the capstone learning experience for leadership science concentration students. The course addresses contemporary and cutting-edge theories of leadership with an emphasis on the deviation of theory, research support for theory, and the application of theory to modern leadership contexts. It is recommended that students complete LDSP 2100 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 2120 - Integrated Software Applications
Credit Hours 3
Description: This course introduces the student to integrated software concepts to include word processing, spreadsheets, databases, graphics, and communications and experiences with appropriate applications.

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 3020 - Managing Information Technology
Credit Hours 3
Description: Provides an awareness of the role of information technology in the work environment and organizations. Major concepts, developments, and managerial implications involved in computer hardware, software,

communications, and the computer-based information technology will be explored.

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 effective manage team processes. Students learn how to use project teams, select team members, lead effective meetings, and work through team problems.

LDSP 3040 - Global Logistics
Credit Hours 3
Description: Case study analyses and exercises recognizing the interrelationship of logistics and supply chain management. Logistical operations using domestic and global logistics channels will be explored. In addition, content will address the discovery and impact of the demands placed on companies due to cultural differences, currencies, governmental, and environmental issues.

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 3080 - Intercultural Business Communication
Credit Hours 3
Description: This course focuses on an understanding of cultural priorities with actual business practices. A combination of intercultural skills as well as culturally diverse workplace environments and communication processes will be explored.

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 3230 - Workforce Management
Credit Hours 3
Description: This is a survey course of the field of human resource/personnel and its role within an organization. Key elements of managing the personnel function will be explored. Current issues including outsourcing, EEO, affirmative action, and ADA will be explored.

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 3400 - Total Quality Management

Credit Hours 3
Description: This course is designed to inspire students to increase their expertise in the practices and principles of quality. The course begins with a detailed study of quality philosophy and proceeds to the study of quality applications.

LDSP 3450 - The Quality Manager
Credit Hours 3
Description: This course provides a thorough understanding of the principles, terms, and concepts of quality management to include quality standards, implementing organizational assessments, and building and maintaining customer satisfaction.

LDSP 3460 - The Quality Auditor
Credit Hours 3
Description: This course provides a thorough understanding of the standards and principles of auditing and the auditing techniques of examining, questioning, evaluating, and reporting to determine a quality system's adequacy and deficiencies. Students will learn how to analyze all elements of a quality system and judge its degree of adherence to the criteria of industrial management and quality evaluation and control systems.

LDSP 3465 - Quality Process Control for Non-Satisfactions
Credit Hours 3
Description: This course teaches students how to translate organizational missions and strategies into comprehensive sets of performance measures using proactive indicators of performance such as financial, customer, internal process data and indicators of learning and innovation.

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 3505 - Report Writing and Interviewing Techniques
Credit Hours 3
Description: Types and purposes of reports, initial report, opening statement, body, ending, progress report, final report, summary proof, substantiation, investigator's conclusions, attachments, supplemental report, mechanics of report writing, using notes, key points, persons involved, evidence collected, facts, paragraphs, tense, the who-what-where-when-how-why elements, objectivity and directness; helping the reader critique and revise. Interview and interrogation compared, dealing with the uncooperative, the processes of interviewing and interrogating, obtaining facts, semantics, evaluating the situation, using psychology, perception, memory and stress, prejudice and reluctance, fear and resentment, gaining respect, using an observer, dealing with victims and witnesses, preparing for the interview, mental preparation for the interview, conducting the interview and knowing what to ask and when.

LDSP 3510 - Organizational Fraud Conduct and Procedures
Credit Hours 3
Prerequisite: LDSP 3500
Description: Emphasis on the conduct of fraud examinations, including a discussion of specific procedures used in forensic examinations and the reasoning behind the use of these procedures. Coverage extends to detection, investigation, and prevention of specific types of fraud committed against organizations and individuals.

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 3650 - Global Marketing
Credit Hours 3
Description: This course will introduce students to the fundamental concepts of marketing and business used in an international marketing environment. There will be special emphasis on cultural influences and the political, legal, and economic environments that make up the global economy. Students will learn how to conduct market research through the analysis of product planning, promotion, adaptability, foreign exchange and international finance, distribution channels and alternative methods of operating.

LDSP 3760 - Research Methods in Leadership and Organizational Administration
Credit Hours 3
Description: An introduction and application of research methods and theories appropriate to Leadership and Organizational Administration. 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 3990 - Contract Management
Credit Hours 3
Description: This course presents students with an overview of the process of identifying opportunities (grants or RFPs, for example), responding, securing, and managing work in a contract environment. Students will gain insight into the legal, procedural, and policy environments relative to contract work.

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 communication.

LDSP 4100 - Economic Issues for Organizations
Credit Hours 3
Description: This course frames economic issues from the perspective of organizations and how organizations respond. The content will cover both micro and macroeconomic perspectives. Students will have the opportunity to apply economic principles to a wide variety of cases presented and available to students, as content is made available.

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 4240 - Data Mining
Credit Hours 3
Description: This course is an introduction to the concepts, and systems of data of data warehousing and data mining, including (1) design and implementation of data warehouse and online analytical processing (OLAP); and (2) data mining concepts, methods, systems, implementations, and applications.

LDSP 4400 - Strategic Planning for Organizations
Credit Hours 3
Description: This course provides a pragmatic study of the design and development of strategic thinking and organizational alignment that can yield high-impact results and measurably add value to the organization, its clients, and society.

LDSP 4500 - Management of Operations
Credit Hours 3
Description: This course consists of a managerial overview and analysis of business concepts and strategies. Emphasis is on the study of incorporating major functions of business enabling organizations to improve efficiency and effectiveness in the highly competitive global and local markets. Specific topics to be covered include planning, communication, material management, safety, marketing finance, government, and society.

LDSP 4600 - Project Management
Credits 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 4640 - 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 4650 - 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 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.

LDSP 4990 - Organizational Administration Capstone
Credit Hours 3
Prerequisite: Completion of 27 hours of upper division credit which has been accepted and applied to the degree requirements for the Leadership major
Description: This course is the capstone learning experience for the Organizational Administration concentration. It focuses on how organizations formulate, implement, and evaluate strategies. The course is designed to integrate the student's functional organizational knowledge in the service of completing a strategic analysis of an existing organization or through building a strategic plan for an entrepreneurial venture.

Linguistics

LING 3030 - International Learning Community
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 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
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.

Management

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: Must have earned junior standing (60 hours) with a minimum cumulative GPA of 2. 25 or better and have completed the following courses with a grade of "C" or better: COMM 2045; ENGL 1020; ACCT 2010, 2020;

ECON 2100, 2200; MATH 1810 or 1910 or 1530.
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 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 3220 - Employment Law
Credit Hours 3
Prerequisite:
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 3230 - Staffing Organizations
Credit Hours 3
Prerequisite: ACCT 2010, ACCT 2020, ECON 2100, ECON 2200, 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 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 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 3310 - Data Analytics and Statistics
Credit Hours 3
Prerequisite: BB 1
Description: The acquisition, organization, and use of data in decision making in business.

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
Cross Listed: MGT 3410 and ENGT 3610 Productions Operations managements
Prerequisite: Junior standing and ENGL 1020 and COMM 2045 and MATH 1530 or MATH 1810 and ACCT 2010 and ACCT 2020 and ECON 2100 and ECON 2200 and MGT 3310
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.

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
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: MGT 3610
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 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 4090 - Corporate Citizenship
Credit Hours 3
Prerequisite: BB 1, MGT 2010
Description: Explores corporate citizenship and how organizations implement strategies to fulfill social responsibility and financial goals.

MGT 4100 - Management Information System
Credit Hours 3
Prerequisite: BB 1
Description: 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 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: 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, 3630, 3640
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
Prerequisite: FIN 3010 and MGT 2010 and MGT 3200 and MGT 3300 and MGT 3310 and MGT 3410 and MGT 4100 or ACCT 3710 and MKT 2010
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 2010 - Principles of Marketing
Credit Hours 3
Prerequisite: BB 1
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 3610 - e-Commerce I
Credit Hours 3
Prerequisite: BB 1
Description: A look at tools and technologies needed for Electronic Commerce. Business opportunities, challenges, and strategies for use of the Internet will be explored. Strategies and vision on the national and global information infrastructure will be discussed. A live website (personal first, then a business) and database beginnings for ordering capabilities will be individually built. Impacts of the electronic market, changes in company missions, security issues and other related topics are covered.

MKT 3710 - Business Mapping
Credit Hours 3
Prerequisite: MKT 2010, BB 1
Description: An in-depth examination and study of the spatial analysis of business information. Course content will consist of both the theory and practical application of geographical information systems in solving business problems. The emphasis of the course will be to develop a working knowledge of GIS software, basic cartographic principles, data sources, and a cognizance of the spatial relationship inherent in business data. Skills and knowledge obtained during the course will be refined through their application to business situations applicable to spatial analysis.

MKT 3800 - Transportation Operations
Credit Hours 3
Prerequisite: MKT 2010, BB 1

Description: This course is concerned with the management of both domestic and international types of transportation, and the roles that various modes of transportation play in getting goods and services to the intermediate and/or end user. Included are studies of the varied areas of transportation management and includes its relationship with other business areas like accounting, finance and production. Topics included are shipment planning and documentation (both domestic and international), freight loss and damage claims, line/staff functions of traffic management, price determination, regulated and unregulated environments and legal influences. Emphasis is placed on the international aspects of transportation functions.

MKT 3900 - 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 4150 - Industrial Marketing
Credit Hours 3
Prerequisite: BB 1, MKT 2010
Description: Problems involved in marketing materials, equipment, services, supplies, and components to the industrial and institutional markets are discussed. Purchasing, institutional economics, pricing, promotion, distribution, and the case study method are emphasized relative to rational buying motives.

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 placedon 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 1010 - Mathematical Thought and Practice
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)
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 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 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 1010 or 1530 with a grade of "C" or higher; or ACT-M score of 19 or higher (or equivalent SAT or COMPASS score).
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. Students who do not meet this requirement may challenge their placement by taking (at their own expense) the APSU Mathematics Placement Examination.
Description: Analysis of functions and their graphs, inverse functions, exponential and logarithmic functions, theory of equations, conic sections, circular functions and their graphs, trigonometric identities and conditional equations, solutions of triangles, trigonometric form of complex numbers, DeMoivre's Theorem, parametric and polar equations. Structured primarily to prepare students for MATH 1910.

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 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 - 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 Elementary and Middle School Teachers
Credit Hours 3
Prerequisite: MATH 1410, 1420
Description: Topics include informal, plane, and solid geometries; tessellations; transformations; measurements; deductive reasoning; constructions with dynamic geometry software and other tools; topology 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 - 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 4130 - 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 - Financial Derivatives and Investment Markets
Credit Hours 3
Prerequisite: MATH 4130, 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, options Greek, risk management, mean-variance portfolio theory, asset pricing models, market efficiency, behavioral finance, investment risk, project analysis, and capital structure. This course prepares students for actuarial exam 3F/IFM.

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 - 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 - Actuarial Mathematics I: Short Term Actuarial Mathematics
Credit Hours 3
Cross Listed: MATH 5180;
Prerequisite: MATH 4240 or STAT 4240 or MATH 5240 or STAT 5240 or permission of instructor;
Description: Prepares students for Short Term Actuarial Mathematics exam. Topics include: Severity models, Frequency models, Aggregate models, Coverage modification, Risk measures, Construction and selection of Parametric models, Credibility, Insurance and reinsurance coverage, Pricing and reserving short term insurance

coverage.

MATH 4200 - Mathematics Content and Pedagogy for Middle School
Credit Hours 3
Prerequisite: MATH 3630 as a pre/corequisite or both (MATH 1410 and MATH 1420 with a grade of "C" or higher); and Transition Point II
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 - Topology
Credit Hours 3
Prerequisite: MATH 2110
Description: Sets, metric spaces, limits, continuous maps and homeomorphisms, connectedness, and compact topological spaces.
MATH 4240 - 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 therem.

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 - 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 - Actuarial Mathematics II: Long Term Actuarial Mathematics
Credit Hours 3
Cross Listed: MATH 5280
Prerequisite: MATH 4240 or STAT 4240 or MATH 5240/STAT 5240 or Calculus-based probability at the level of MATH/STAT 4240/5240 or Instructor Permission
Description: Prepares students for Long Term Actuarial Mathematics exam. Topics include: Long-term insurance coverages, Survival models and their estimation, Present Value Random Variables, Premium Calculation, Reserves and Pension Plans and Retirement Benefits.

MATH 4310 - Machine Learning
Credit Hours 3
Cross Listed:
MATH 5310 and STAT 5310
Prerequisite: MATH 1910 or instructor permission
Description: This course provides a broad introduction to machine learning and statistical pattern recognition. Topics include: supervised learning (parametric/non-parametric learning, neural networks, support vector machines); unsupervised learning (clustering, dimensionality reduction, deep learning); learning theory and best practices for applying machine learning algorithms to areas including computer vision, text processing, and bioinformatics.

MATH 4320 - Advanced Machine Learning
Credit Hours 3
Dual Listed: MATH 5320
Description: This course will assume 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 Symbolic Computation
Credit Hours 1
Description: This course exposes students to computer algebra systems and other software packages. Students will learn to use these programs which will enhance their understanding in several courses in 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 - Mathematical Models
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 - 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 - 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 - 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 - 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 4930 - Topics in Mathematics
Credit Hours 1
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] PHYS 2010/2011
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; 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 2 to 4
Variable Credit Hours 2 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 an 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 an 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 in 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 JROCT 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
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 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.

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
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

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 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

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.

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 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 2100 - Music in America
Credit Hours 3
Description: A survey of all kinds of music widely available in present-day America, designed to improve listening skills and discrimination.

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 2200 - Popular World Music
Credit Hours 3
Description: A broad survey of present day music 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
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 3080 - Music for Elementary Teachers
Credit Hours 3
Prerequisite: EDUC 2100 or permission of instructor
Description: This course covers the basic fundamentals of music and music teaching for pre-K and elementary education majors to incorporate music in the classroom, and use music as a tool to each across the curriculum. No previous music background required.

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 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 - Instrumental Methods for Children's Music
Credit Hours 3
Prerequisite: Successful completion of Junior level hearing and Transition 2 status or permission by department.
Description: This course provides an overview to the pedagogy and performance practice of recorders, Orff Instruments (percussion and barred instruments), and guitar. This course is designed for students seeking careers in music education and 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 2270: Introduction to Music Therapy
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
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 3515 - Governor's Singers
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 with permission of instructor.

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, muscianship 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 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 – Intro to Statistics
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 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
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 Improvistation 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 the Band
Credit Hours 3
Description: Development of music for the band. 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 4960 - Music Therapy Internship
Credit Hours 2
Prerequisite: Successful completion of all coursework
Description: Field Experience in music therapy wherein candidates will synthesize and apply theories and interventions in a clinical setting under the supervision of a MT-BC.

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: 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: BIOL 2010/2011, 2020/2021, 2300/2301; PSYC 1030, 3100; MATH 1530, SOC 1010;
Corequisite: NURS 2021
Description: Prepares the student to perform holisitic nursing assessments and physical examination.

NURS 2021 - Nursing Assessment Clinical
Credit Hours 1
Corequisite: NURS 2020

NURS 2030 - Introduction to Nursing
Prerequisite: BIOL 2010/2011, 2020/2021, 2300/2301; PSYC 1030, 3100; MATH 1530, SOC 1010;
Corequisite: NURS 2031
Description: Description: This course introduces the student to the role of the BSN nurse generalist. Course content includes introductory concepts and skills fundamental to understanding the social, interpersonal, and technological components of professional nursing. Quality care, safety, legal and ethical situations are introduced and applied in both the laboratory and clinical settings.

NURS 2031 - Introduction to Nursing Clinical
Credit Hours 4
Corequisite: NURS 2030
Description: 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: Admission to the School of Nursing
Description: Provides the basis for study of pharmacology principles. Includes safe dosage calculation and intravenous medication delivery including fluid and electrolyte imbalances. 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 3050 - Nursing Informatics
Credit Hours 1
Prerequisite: Completion of sophomore level nursing courses or permission of program director
Description: Provides student with an overview of nursing informatics and the theoretical foundation for information management within the health care setting. Students will explore technological advances related to health care delivery and a variety of information systems.

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 Clinic
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 3
Prerequisite: Completion of sophomore level nursing courses or permission of program director
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 School of Nursing 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 holisitc nursing with American Holistic Nurses Credentialing Corporation.

NURS 3342 - Transcultural Nursing for RNs

Credit Hours 3
Pre/Corequisite NURS 3300
Description: This course presents scope of practice and guidelines to prepare the practicing RN for pathway to BSN level certification in transcultural Nursing with the Transcultural Nursing Society.

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 program, RN License
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 - Pathophysioloy for RNs
Credit Hours 2
Course Changes: Previously NURS 3280
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 BSN completion track plus RN licensure;
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
Course Changes: Previously NURS 3121
Prerequisite: Admission to the program. RN license.
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 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 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 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 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 (RN-BSN)
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
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
Course Changes: Previously NURS 4170
Prerequisite: NURS 3300 and nursing license.
Description: Introduces managerial and leadership and concepts to the practicing RN.

NURS 4371 - Leadership for RNs
Credit Hours 3
Prerequisite: NURS 4370 and nursing license.
Description: This clinical course allows application of leadership concepts learned in nursing.

NURS 4380 - Trends and Issues for RNs
Credit Hours 3
Course Changes: Previously NURS 4280
Pre/Corequisite NURS 3300
Description: Examines major issues and trends in contemporary nursing and healthcare including the influence of socioeconomic, ethical, legal, and political variables and professional values.

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 380A - Comparative World Religions
Credit Hours 3
Description: A comparative study of world religions including primal religions, Hinduism, Buddhism, the Jains, Sikhs, Zoroaskrians, Judaism, Christianity, Islam, and the Baha'is.

PHIL 380B - Islam as a World View
Credit Hours 3
Description: A study of Islam that explores its history. The life of Muhammed, the Qur'an and Hadiths, the Fire Pillars, basic beliefs and values, divisions of war and peace, Islamic philosophy and the relationships among Judaism, Christianity and Islam.

PHIL 380C - The Battle of God
Credit Hours 3
Description: An exploration of the Battle for God among the children of Abraham -- Jews, Christians and Muslims. The course examines the theologies of war and peace in the Jewish TANAKH, the Christian New Testament and the Muslim Qur'an and concludes by analyzing religious extremism in all three faiths.

PHIL 490A - Seminar-Independent Study in Philosophy
Credit Hours 3
Prerequisite: Six hours of Philosophy or permission of instructor
Description: Advanced seminar or independent study in selected topics in Philosophy. Course may be repeated for a total of six (6) hours.

PHIL 490B - Seminar-Independent Study in Philosophy
Credit Hours 3
Prerequisite: Six hours of Philosophy or permission of instructor.

Description: Advanced seminar or independent study in selected topics in Philosophy. Course may be repeated for a total of six (6) hours.

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
Prerequisite: Three hours of Philosophy or permission of instructor
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
Prerequisite: Three hours of Philosophy or permission of instructor
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
Prerequisite: Any lower division philosophy course or permission of instructor
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
Prerequisite: Three hours of Philosophy or permission of instructor
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
Prerequisite: Three hours of Philosophy or permission of instructor

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
Prerequisite: Six hours of Philosophy or permission of instructor
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
Prerequisite: Six hours of Philosophy or permission of instructor
Description: Important philosophers of the 19th century and important philosophical movements of the 20th century.

PHIL 3200 - Eastern Religions
Credit Hours 3
Prerequisite: PHIL 2200 or permission of instructor;
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
Prerequisite: PHIL 2200 or permission of instructor;
Description: An in-depth study of major Western Religions including Primal Religions, the Zoroastrians, Judaism, Christianity, Islam and the Baha'is.

PHIL 3800 - The Beatitudes in World Religion
Credit Hours 3
Prerequisite: PHIL 2200 or one 3000 level class or permission of instructor;
Description: The world's great religions affirm a common set of spiritual values such as compassion, mercy, love, hungering for goodness, purity or hear tet al. This course examines these values in Christianity (The Beatitudes), Judaism, Hinduism, Buddhism and the Baha'is.

PHIL 3900 - Informal, Categorical and Propositional Logic
Credit Hours 3
Prerequisite: Three hours of PHIL or MATH 1010 or MATH 1420 or permission of instructor
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
Prerequisite: MATH 1710, 1720, PHIL 3900 or permission of instructor
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
Prerequisite: Six hours of Philosophy or permission of instructor
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
Prerequisite: Six hours of Philosophy or permission of instructor
Description: Historical and contemporary issues in social and political philosophy.
PHIL 4200 - Philosophy of Law
Credit Hours 3
Prerequisite: Any lower division philosophy course or permission of instructor

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
Prerequisite: Six hours of Philosophy or permission of instructor
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
Prerequisite: Three hours of Philosophy or permission of instructor
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
Prerequisite: Six hours of Philosophy or permission of instructor
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 thougts.

PHIL 4910 - Epistemology
Credit Hours 3
Prerequisite: Six hours of Philosophy or permission of instructor
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 1130 - Softball
Credit Hours 1
Description: Provides instruction in knowledge and basic skills for Softball

PHED 1190 - Aerobic Dance
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 oftime.

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
Corequisite: PHYS 1011;
Description: Motion, energy, properties of matter, heat, and sound. The approach is conceptual and non-mathematical. The role of physics in the understanding of everyday experiences in our technological society.

Laboratory 1011 is to be taken concurrently.

PHYS 1011 - Concepts Lab: Motion, Heat, and Sound
Credit Hours 1
Corequisite: PHYS 1010;
Description: Laboratory component for motion, energy, properties of matter, heat, and sound. The approach is conceptual and non-mathematical. The role of physics in the understanding of everyday experiences in our technological society.

PHYS 1020 - Concepts: Electromagnetism, Light, and the Quantum World
Credit Hours 3
Corequisite: PHYS 1021;
Description: Electricity and magnetism, light, atomic and nuclear physics, and relativity. Physics 1010 is NOT a prerequisite. The approach is conceptual and non-mathematical. The role of physics in the understanding of everyday experiences in our technological society. Laboratory 1021 is to be taken concurrently.

PHYS 1021 - Concepts Lab: Electromagnetism, Light and the Quantum World
Credit Hours 1
Corequisite: PHYS 1020;
Description: Laboratory component for electricity and magnetism, light, atomic and nuclear physics, and relativity. Physics 1010/1011 is NOT a prerequisite. The approach is conceptual and non-mathematical. The role of physics in the understanding of everyday experiences in our technological society.

PHYS 1234 - Introductory Seminar in Physics
Credit Hours 1
Description: Research presentations by students, faculty and visiting scientists. Discussions of major area of physics and intersection of physics with student's objectives.

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 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 inMATH 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, Schroedinger'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 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
Credit Hours 1
Prerequisite: ENGR 3004
Description: This course introduces the student to a wide range of topics in physics (including applied physics). Students are expected to present and write about current topics in physics, astronomy, and closely related fields. Additionally, this course will cover professional development content in preparation for a Physics major's career post-APSU. It is intended to be repeated three times.

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/Fall 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
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 455B - Government Internship
Credit Hours 6
Description: Internship in the governmental process.

POLS 455C - Government Internship
Credit Hours 9
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 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
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 courses focuses on the structure and functions of the U.S. Congress. Topics and themese 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 in-depth 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 4030 - Introduction to Occupational Health Psychology
Credit Hours 3
Description: 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 - Abnormal Psychology
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 with a grade of "C" or higher
Description: This course provides a survey of the major areas in military psychology. Principal topics include: leadership training, persuasion and propaganda, human factors engineering, selection, classification and assignment, optimizing human performance under adverse conditions, ethnic diversity and gender issues, clinical and consulting activities and careers in military psychology.

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 - Psychology Applied to Work
redit 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 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. 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 15 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 3
Prerequisite: A minimum cumulative GPA of 3.0 and permission of instructor
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
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 substantiative 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 484A - Radiologic Lab Internship
Credit Hours 15
Prerequisite: Permission of department chair
Description: Two semesters of internship providing practical application of the skills and abilities in radiologic technology. Students are assigned to an accredited hospital in a designated technology area of diagnostic radiology, nuclear medicine, computerized axial tomography, ultra-sound, nuclear magnetic resonance. Positron emission tomography and radiation therapy.

RLTN 484B - Radiologic Lab Internship
Credit Hours 15
Prerequisite: Permission of department chair
Description: Two semesters of internship providing practical application of the skills and abilities in radiologic technology. Students are assigned to an accredited hospital in a designated technology area of diagnostic radiology, nuclear medicine, computerized axial tomography, ultra-sound, nuclear magnetic resonance. Positron emission tomography and radiation therapy.

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 - Radiography Clinical Education III
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 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
Prerequisite: RLTN 3080 or 3081 with a grade of "C' or higher
Description: Topics to be chosen by the instructor and student.

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 4120 - Special Topics
Credit Hours 2
Prerequisite: (RLTN 3080 or 3081 with a grade of "C" or higher) and one upper division RLTN course
Description: Topics to be chosen by the instructor and student.

RLTN 4130 - Special Topics
Credit Hours 3
Prerequisite: RLTN 3080 or 3081 with a grade of "C" or higher) and one upper level RLTN course
Description: Topics to be chosen by the instructor and student.

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 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 - Teaching Science I: K-6
Credit Hours 4
Prerequisite: Transition 2
Corequisite: EDUC 4040
Description: Emphasizes basic concepts of life and physical sciences. Classes will include lecture, lab and field experience.

SCI 4030 - Teaching Science II: K-6
Credit Hours 4
Prerequisite: Transition 2
Description: Basic concepts of life and physical science; concentration on physical science conceptual schemes for elementary and middle school; integrated laboratory activities; integration of science/technology/society relationships.

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
Cross Listed: Not applicable.
Dual Listed: Not applicable.
Prerequisite: There are no prerequisites for this course.
Corequisite: There are no co-requisites for this course.
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, pharamacological, 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: 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: Exploration of methods of social work for working with women and oppressed communities such as gays and lesbians and people of color through group work, advocacy, community organization, and community development. Students learn how to apply a macro-practice method in order to solve a macro-practice problem which they identify in a real life setting. Students are guided through an out-of-class experience in which they interview

members of a community, define and analyze a problem, explore possible solutions, and then propose a specific macro-practice solution. A minimum grade of "C" is required for this course.

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 sills 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 3450, 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, 3450, 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 sill 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.

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 1
Description: Specialized individual study under the direction of a faculty member. Junior standing and permission of supervising faculty are required.

SOC 499B - Directed Individual Study
Credit Hours 2
Description: Specialized individual study under the direction of a faculty member. Junior standing and permission of supervising faculty are required.

SOC 499C - Directed Individual Study
Credit Hours 3
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 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 ofpopular culture

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 every day human interaction. Covers such topics as massmedia, 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 - Reading and Writing for Sociology
Credit Hours 3
Description: This course introduces students to the unique style and mechanics of writing sociology, emphasizing the guidelines of the American Sociological Association. The course centers on writing a research proposal, with an emphasis on the literature review and familiarizes students with academic databases, professional journal articles, and grant writing skills.

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 - Social Statistics
Credit Hours 3
Prerequisite: SOC Major, SOC 1010 with a grade of "C" or higher and MATH 1530 or permission of instructor
Description: This course is designed to provide an introduction to statistics in the social sciences. Students will learn how to perform statistical calculations by hand, and how to execute and interpret basic SPSS programs.

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 - Elementary 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 - Elementary 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
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
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

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
Corequisite: RDG 4010, 4020
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 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 past 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 - Regression Analysis
Credit Hours 3
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 - 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 - 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 - 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 4200 - 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 - 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 - 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 - 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 - 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 - Predictive Analytics
Credit Hours 3
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, predictive modeling techniques for decision making, model assessment and comparison. This course will be taught using appropriate statistical software.

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: Hands-on experience with the technical aspects of theatre. Assignments may include scene shop, costume shop, box office, lighting, and/or sound. Additional assignments may include running crew in any of these areas.

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. Assignments may include scene shop, costume shop, box office, lighting, and/or sound. Additional assignments may include running crew in any of these areas.

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: Hands-on experience with the technical aspects of theatre. Assignments may include scene shop, costume shop, box office, lighting, and/or sound. Additional assignments may include running crew in any of these areas.

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 4520 - Careers
Credit Hours 3
Prerequisite: Course restricted to those pursuing theatre and dance major, minors or concentrations; or permission of instructor.
Description: Course addresses the skills needed to secure employment in performance or related fields. Topics will include resumes, headshots, portfolios, unions, self marketing, interviews, audition techniques and preparation, managers, 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 4
Prerequisite: Department consent 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. Application must be approved.

THEA 303A - Summer Theatre
Credit Hours 3
Prerequisite: Permission of instructor
Description: Intensive work in a summer theatre production, in which the student functions as a performer, technician, designer, or in a combination of duties.

THEA 303B - Summer Theatre
Credit Hours 3
Prerequisite: Permission of instructor
Description: Intensive work in a summer theatre production, in which the student functions as a performer, technician, designer, or in a combination of duties.

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: Course restricted to those pursuing theatre and dance majors, minors or concentrations or permission of instructor;

Description: This course continues the material presented in theatre. Interactive performance based methods will be utilized referencing Musical Theatre Scores.

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 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 I
Credit Hours 3
Prerequisite: Course restricted to those pursuing Theatre & Dance Majors, Minors or Concentrations or permission of instructor;
Description: Principles and techniques used in construction, rigging, handling and maintenance of stage scenery, soft good construction and manipulation, and scenic painting.

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 1800 - Theatre Production
Credit Hours 1
Prerequisite: Course restricted to those pursuing Theatre & Dance Majors, Minors or Concentrations or by permission of instructor
Description: Hands-on experience with the technical aspects of theatre. Assignments may include scene shop crew, costume shop crew, box office crew, light and sound operations, show run crews, front of house, stage, crew or props.

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 II
Credit Hours 3
Prerequisite: THEA 1300;
Description: This course is a continuation of the acting process designed to further one's acting technique through in-depth scene study, improvisation and an deeper exploration of an actor's instrument.

THEA 2350 - Stage Movement
Credit Hours 3
Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; 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 - Scene Study
Credit Hours 3
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 2800 - Theatre Production
Credit Hours 1
Prerequisite: Course restricted to those pursuing theatre and dance majors, minors or concentrations; or permission of instructor.
Description: Hands-on experience with the technical aspects of theatre. Assignments may include scene shop crew, costume shop crew, box office crew, light and sound operations, show run crews, front of house, stage crew or props.

THEA 2880 - Theatre Performance Practicum
Credit Hours 1
Prerequisite: Department consent
Description: Practical experience rehearsing and performing a play or musical from auditions to rehearsals through performance.

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 theatrical art of the Classical Era, Middle Ages, and Renaissance in Western Europe. Emphasizes theatrical space, production, and performance.

THEA 3020 - Theatre History II
Credit Hours 3
Prerequisite: THEA 3010;
Description: Examines history and theory of theatrical art in the 18th, 19th, and 20th centuries in Western Europe. Emphasizes theatrical space, production, 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: Practical work on the 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 3300 - Classical Text and Performance
Credit Hours 3
Prerequisite: THEA 1300 or permission of instructor;
Description: This course is designed to study the acting skills involved in performing various classical styles and texts which may include; but is not limited to, Classical Greek Theatre, the French Neoclassical and English Restoration Theatre, and the Elizabethan and Jacobian playwrights, including Shakespeare.

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
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 repertoire. Required an additional 5x (must complete 6 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 students' audition and performance skills.

THEA 3360 - Musical Theatre Workshop II
Credit Hours 3
Prerequisite: THEA 3350
Description: Continuation of THEA 3350. Practical acting and vocal techniques of the solo musical theatre performer. Audition and performance techniques.

THEA 3370 - Stage Combat
Credit Hours 3
Prerequisite: BA or BFA Theatre or Dance major or Theatre or Dance minor; THEA 2350 or permission of instructor.
Description: Introduction to the advanced movement techniques of stage combat.

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: The theories and techniques of stage direction. Each student is required to complete a focused directing project.

THEA 3500 - Stage Dialects
Credit Hours 3
Prerequisite: THEA 3200 or permission of instructor
Description: Training in the use of region-specific dialects common in theatrical performance. Topics include IPA transcription, sound substitutions, and resonant focus.

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.

THEA 3601 - Special Topics in Theatre
Credit Hours 3
Prerequisite: Department consent;
Description: Occasional course offering 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. Topics to be announced. Repeatable two times.

THEA 3700 - Scenic Design I
Credit Hours 3
Prerequisite: THEA 1600;
Description: Exposes the student to theatre design in the area of Scenery. 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 - Scene 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 3880 - Theatre Performance Practicum
Credit Hours 1
Prerequisite: Department consent
Description: Practical experience rehearsing and performing a play or musical from auditions to rehearsals through performance.

THEA 3890 - Costume Design I
Credit Hours 3
Prerequisite: THEA 2200

Description: This course will explore 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 4001 - Makeup II
Credit Hours 3
Prerequisite: THEA 3000;
Description: Continuation of the theories and practices of THEA 3000. Course 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: The study and application of the function and 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: 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 4520 - Careers
Credit Hours 3
Prerequisite: Course restricted to those pursuing theatre and dance major, minors or concentrations; or permission of instructor.
Description: Course addresses the skills needed to secure employment in performance or related fields. Topics will include resumes, headshots, portfolios, unions, self-marketing, interviews, audition techniques and preparation, managers, and regional markets.

THEA 4550 - Roy Acuff Chair Seminar
Credit Hours 2
Prerequisite: Department approval;
Description: Offered once every four years, a research based course to prepare students to experience visiting artists of national/international reputation. Repeatable one time. Repeatable one time.

THEA 4650 - Direction and 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: Students will be introduced to the special skills necessary for performing in the film, television and commercial industries.

THEA 4660 - Voice-Over Performance
Credit Hours 3
Prerequisite: THEA 1300 Acting I and THEA 3200 Voice for the Actor or permission of the instructor
Description: Students are introduced to the different performative styles of voice-over necessary to compete in the commercial, narration, promo and animation/video game industries.

THEA 4700 - Topics in Women's Theatre
Credit Hours 3
Description: Description: Examines the theory and practice of special topics in women's theatre. Special topics include the works of Eve Ensler, Caryl Churchill, Maria Irene Fornes, Beth Henley, Marsha Norman, and others.

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: Project lighting design with an emphasis on visualization of design concepts, professional graphics, and paperwork standards, and practices.

THEA 4850 - Scene Painting II
Credit Hours 3
Prerequisite: THEA 3750
Description: Advanced painting techniques for theatrical productions. Topics will include alternate scene painting tools, stencils, large scale works, and 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: Composing and revising scenes and one or two one-act plays for stage performance.

THEA 4950 - Advanced Playwriting
Credit Hours 3
Prerequisite: THEA 4900 or ENGL 4900;

Description: Designed to give the student playwright opportunity for in-depth exploration and development of one's creative voice for stage and performance.

THEA 4995 - Senior Capstone
Credit Hours 4
Prerequisite: Department consent, 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. Application must be approved.

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 (Effective Spring 2022)
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.

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.

Academic Support Services

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, technology assistance (help with software), 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.

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 PHYS 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 102
Phone: 931-221-6643
Web Address: www.apsu.edu/advising/index.php

Student Success assists Freshmen transition into college academic life. We currently oversee the following programs: APSU 1000, Academic Recovery, AS in Liberal Arts degree, Freshman Academic Advising, College Possible Coaches, PASS 0900, Peer Leader program, and the BS in General Studies degree.

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

Ellington Building, Room 207
Phone: 931-221-6269
Web Address: www.apsu.edu/testing

The Testing Center offers a variety of assessments, including ACCUPLACER, ACT On Campus, CLEP, DSST, MAT, and TEAS; information about the National ACT is also available. Proctored exams for other universities may be scheduled at the center. Contact the Testing Center for more information or to schedule a testing session.

First-Year Experience

The University recognizes that there are many differences between high school and college. Thus the significance of the first year of college in making a successful transition is addressed with the First-Year Experience.

Govs Row

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 APSU 1000. Normally the orientation will be held on Friday and Saturday before the first day of classes.

APSU 1000

APSU 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.

Honors and Awards

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

Jennie H. Jordan Memorial Award recognizes academic excellence in a senior-level student that is a member of Beta Beta Beta National Honor Society for Biology. Traditionally, this award has been presented to the graduating member of Tri-Beta with the highest GPA. The Eta Pi Chapter of Tri-Beta will announce the recipient during the Student Awards Day Ceremony in the spring semester. The award is honorary, and no monetary award is made.

College of Business

The graduating senior with the highest achievement in the major field of business receives an award given by the Wall Street Journal.

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.

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.

Engineering Technology

The graduating senior with the highest achievement in the major field of engineering technology is elected by engineering technology students.

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 fitness/wellness/exercise science. 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.

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.

Robert F. Sears Physics & Astronomy Award

Established in 1999 by family and friends of the late Dr. Robert Sears, an award and commemorative plaque are presented to an outstanding student in physics or astronomy at the annual awards day ceremony. The recipient must closely identify with the legacy of Dr. Sears and be enthusiastically committed to a lifelong dedication to the sciences.

Sociology

The W.E.B. Du Bois award is given to the graduating sociology major 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)
- Galois Math Club
- Geo Club
- History Club
- National Art Education Association

- National Association for Music Education Collegiate (NAfME)
- National Broadcast Society
- 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 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 Phi (Interdisciplinary)
- Psi Chi (Psychology)
- Sigma Beta Delta
- Sigma Delta Pi – Pi Nu (Spanish)
- Sigma Theta Tau (Nursing)

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 APSU provides that opportunity.

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 24/7 access to the Honors Commons, a study and lounge area reserved for students in Honors and the President's Emerging Leaders Program. Contact the Director of Honors for more information.

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	Any Honors or Service Learning section of a core class	Any Honors or Service Learning section of a core class
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 an additional 6 hours of honors coursework in the 1000 - 2000 level, and 6 hours at the 3000-4000 level for a total of 31 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
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.

Program Overview

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.

Students in PELP are expected to present themselves as role models on campus and in the community. Furthermore, in whatever field our students find themselves, they almost inevitably end up working with local, state, or federal agencies. Therefore, PELP students will learn how government functions at all three levels. Freshmen will focus on the local level, city and county government; sophomores will learn about the state level of government, and juniors will study the machinery of our national government. This aspect of the program will include visits to meetings of committees for both city and county government, as well as meetings of the Clarksville City Council and Montgomery County Commission. In the sophomore year, students will visit the Tennessee State Legislature to learn about such topics as how a bill becomes a law. In the junior year, students will travel to Washington D.C. in January to observe first-hand the workings of our federal government. They will also take part in a service learning activity.

Eligibility Requirements

High-school students are accepted into the program based on the following qualifications:

Minimum high school GPA of 3.50;
Minimum ACT of 26;
Evidence of participation in high-school and community activities;
Evidence of leadership and service throughout the high-school experience; and,
Two references, including at least one from a high-school official (principal, counselor, teacher, etc.).

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. During students' time in PELP, freshmen must complete 30 hours of service, sophomores 30 hours of service, and juniors 30 service hours in activities and projects approved by the director.

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

PELP students are strongly encouraged to participate in a study abroad program and to take service learning courses. PELP students will attend a certain number of campus and community events as a part of their participation in the program.

PELP students are strongly encouraged to join the Honors Program.

For information on applying for PELP or Honors, please contact Dr. Tim Winters, Director of Honors and PELP at PELP@apsu.edu or by telephone at 931-221-7118. Both PELP and Honors are housed in the Honors Commons, a study area and lounge reserved for use by Honors and PELP students in the south-east section of the Memorial Health Building. The director's office is in room 100A of the Memorial Health building.

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 as 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 a 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 Vocational Readiness & Employment (formerly VA Vocational Rehabilitation & 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 211

Website: http://www.apsugreeks.com

Fraternity and Sorority Affairs oversees all social/social service fraternities and sororities on campus. Individual chapters are members of representative governing bodies (College Panhellenic Council, Interfraternity Council, and National Pan-Hellenic Council) that promote leadership development, excellence in scholarship, community service, philanthropy and positive interfraternal relationships.

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 community and national philanthropies. A high percentage of campus student leaders are members of sororities and fraternities at Austin Peay. Membership in social fraternities and sororities is the result of a selection process known either as "Intake" or "Recruitment."

Govs Programming Council

Location: Morgan University Center, Room 211
Website: http://www.apsu.edu/student-life/gpc/

For the students, by the students. The Govs 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 the 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. Meetings are most Mondays at 5pm in MUC 307.

Hispanic Cultural Center

Location: Morgan University Center, Room 115

Website: http://www.apsu.edu/hcc

The Hispanic Cultural Center is an important University entity dedicated to providing knowledge and programming about the historic and contemporary contributions, achievements, and social perspectives of Latinos and Hispanic Americans. The Center's mission is intertwined with the University's goals relative to the creation of a collaborative, integrative learning community that fosters critical inquiry and self-reflection necessary in a global society. The primary purpose includes aiding in the retention of Hispanic and Latino students, and educating and motivating all students to be highly aware and appreciative of the diverse cultures that define the contemporary world.

The Hispanic Cultural Center also serves as a place where Hispanic and Latino students can connect meaningfully with and take great pride in their heritage in a nurturing environment. Through its provision of many student-centered and student-oriented programs, events, and special services, the Center plays a vital role in assisting Hispanic and Latino students to incorporate in their educational and social aspirations a commitment to serve their communities; and that they are highly motivated to take their rightful place as professionals and other social leaders in American society, specifically, and in the global world.

The Hispanic Cultural Center is open to all students who identify with the Hispanic or Latino culture, are taking courses in Spanish, love the Hispanic culture and/or are interested in learning more about the Hispanic culture. The Hispanic Cultural Center's motto is: "Where strangers become amigos and amigos become familia."

The Hispanic Cultural Center is open Monday thru Friday, 8 a.m. - 4:30 p.m. You can also visit the Hispanic Cultural Center on Facebook by clicking here. For more information, call (931) 221-6645 or e-mail hcc@apsu.edu.

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.

Military Student Center

Location: Morgan University Center, Room 120

Website: http://www.apsu.edu/msc/index.php

The Military Student Center assists veterans, active duty, reservist, national guardsmen, retirees, ROTC students, and family members that attend the university with their transition from the military to college life. The center provides a computer center, a lounge, and dining area to allow students to either work on homework or to relax and unwind from the day surrounded by fellow likeminded students. The center offers programs throughout the academic year to address the unique challenges our student population faces. One such program is the Texts for Vets program which relies on textbook donations to provide textbooks to students free of charge. The center also helps to resolve academic and personal issues for military-related students. The center works with a diverse population of students. In order to meet the needs of this diverse population, the center works closely with other campus offices –

Disability Services, Financial Aid and Veterans Affairs, Registrar's Office, Career Services, Student Counseling Services, VetSuccess On Campus, etc. to ensure the student's needs are being met. The center is located in MUC Room 120 behind the Post Office and is open Mon. – Thur. from 8:00 a.m. – 5:00 p.m. and Fri. from 8:00 a.m. – 4:30 p.m. Arrangements can also be made for other availability to meet student's needs.

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.

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/

Student Publications

Student Publications provides marketing, design and production of publications, promotions, multimedia, and web support for the Division of Student Affairs. The department is responsible for producing and publishing the APSU Student Handbook and Calendar in addition to many other projects. 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 journalism, writing, graphic design, marketing, 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.

In addition to print, The All State maintains and operates a digital edition at www.theallstate.org. The All State is on Facebook here, Instagram (@theallstate_apsu) and Twitter (@TheAllState). The All State is produced and managed by students with the guidance of the Coordinator of Student Publications. Scholarships may be available for student staff.

Writing, design, leadership, multimedia, photography, advertising, and editing positions on The All State are open to application for all qualified students of any major. The department provides an area for students to gain resume-worthy experience, work samples, 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 931-221-7376 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, or sign up for Boot Camp to work out in a group setting. 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!!!
- Govs Outdoors (GO) offers trips/outings aimed to empower and connect people through unique and exciting experiences. These experiences are meant to provide participants space to grow and develop skills while having fun in the great outdoors! Each person will be an equal member of the group on these trips, regardless of skill level. 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 group lessons from the Parent & Child level through Learn-to-Swim level 4. After level 4, we encourage swimmers to join our Fitness Swimmer Camp where swimmers enhance their technique and learn competitive swimming skills. APSU is proud to also be able to offer private and semi-private swim lessons for those wanting a more tailored, one-on-one instruction. Reservations of the pool can also be requested for private events or parties.
- Jr. Govs 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 Govs 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

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 Student Code of 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 Student Code of 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. University disciplinary action may proceed when a student chooses to voluntarily withdraw.

The University Academic and Non-Academic Grievance Policies are designed to afford students a due process opportunity for expressing their complaints. These policies are published 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, student photograph, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, enrollment status, 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 303 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 all crimes are publicized and distributed to employees and students on an annual basis, in the time frames required by Federal/State law, and are available to applicants for enrollment or employment upon request

from the Office of Public Safety. The five year graduation rate is 39.37 percent. 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 is prohibited on the APSU campus, except in designated areas (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.)

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

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

Morgan University Center 210

Website: www.apsu.edu/careers

The Office of Career Services at Austin Peay State University is here to prepare our students to connect with local, regional, state, and national employers. We strive to provide students with a high level of career education and practical experience, so that they are ready to serve in the workplace. As a part of our mission, we strive to provide access to career related services and meet students where they are in their personal career development journey. Examples of services and presentations are as follows: resumes or curriculum vita (CV) critiques and document drop (email) services, cover letter and thank you letter critiques, drafting a personal statement, interview preparation (for employment or graduate school), job searching and graduate program strategies and various workshops. Additional services can include; career exploration, one-on-one career counseling and career assessments and interpretations (classes or individualized) and many other developmental services. Call 931.221.6544 or visit our website www.apsu.edu/careers for more information.

Center for Service-Learning and Community Engagement

Location: 332 Home Avenue

Website: www.apsu.edu/volunteer

The Center for Service-Learning & Community Engagement 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 become active citizens from the classroom into their community. The center offers students a wide variety of opportunities to become involved in the community: from one-time volunteering, to semester long service tied to an academic course (Service - Learning courses). Students can participate in national and international alternative break experiences or live on campus in our residential volunteer based living community.

In addition to our outward focused programs, we have a student initiated campus food pantry and garden program that supports APSU students experiencing difficult circumstances. Students can utilize and/or volunteer with our food pantry, free thrift store, victory gardens or chickens. Students are recognized for their involvement with community service through awards and are encouraged to make community engagement a lifelong commitment.

Little GOVS Child Learning Center

Website: http://www.apsu.edu/clc

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, and hours of operation are Monday-Friday, 7:15-5:00. The trained and caring staff takes pride in the Reggio inspired facility and in the developmentally appropriate curriculum. Call 931-221-6232, Monday through Friday, during regular business hours 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 at 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, meaning that most office visits are free of charge (staff and faculty seeking services through the clinic are required to pay a small access fee). Any additional charges for medications or laboratory tests received in-house are typically billed directly to one's student/staff account. Services available include visits for illness, minor injury, sexual health, family planning services, well-patient physical examinations, allergy injections, immunizations/tuberculin testing, laboratory services, and health education. Some illnesses or conditions fall outside our scope of service, and so occasionally we 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 call 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/visitinfo.php

Office of Disability Services

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 Office of Disability Services 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 Office of Disability Services can be contacted at (931) 221-6230 Voice or (931) 221-6278 TTY, 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 Disability 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 or (931) 221-6278 TTY, 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. Honors housing is available and living-learning communities are located in Harvill Hall, and buildings 300 and 400 of Hand Village. One, two, and three bedroom apartments are available for married students, single parents with dependent children, or single students age 21 or older with no dependents.

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

Location: Ellington Building, Room 204

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.

Study Abroad and Exchange Programs

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 anadvising session: https://www.apsu.edu/study-abroad-exchange/advising-sessions.php

A list of programs are available on our APSU Terra Dotta application site (https://apsu-sa.terradotta.com/index.cfm?FuseAction=Programs.ListAll)

Program Name	City	Country
APSU and Austria Exchange	Klagenfurt	Austria
APSU and Bolivia Exchange	Bolivia	Bolivia
APSU and Czech Republic Exchange	Pardubice	Czech Republic
APSU and France Exchange	Orléans	France
APSU and Hungary Exchange (Exchange)	Dunaujvaros	Hungary
APSU and Italy Exchange (La Meridiana)	Certaldo	Italy
APSU and Korea Exchange	Daegu	South Korea
APSU and Manchester Metropolitan UK Exchange (Exchange)	Manchester	United Kingdom
APSU and Quebec Exchange	Chicoutimi	Canada
APSU and Romania Exchange	Romania	Romania
APSU and Spain Exchange (Exchange)	Burgos	Spain
APSU and Sweden Exchange	Ostersund Sundsvall	Sweden Sweden
APSU and Taiwan Exchange	Changhua	Taiwan
APSU DEAL in England	Harlaxton London	United Kingdom United Kingdom
APSU in Antigua	St. John's	Antigua and Barbuda
APSU in Argentina	Rosario	Argentina
APSU in Belize	San Pedro	Belize
APSU in Costa Rica	San José	Costa Rica
APSU in France	Aix-en-Provence	France
APSU in Greece	Argolid Athens Chania Delphi Olympia	Greece Greece Greece Greece Greece
APSU in Iceland	Hólar Hvanneyri Selfoss	Iceland Iceland Iceland
APSU in Ireland Spring Break - Criminal Justice	Dublin	Ireland
APSU in Jamaica	May Pen	Jamaica
APSU in Japan	Kyoto Mie Prefecture Nara	Japan Japan Japan
APSU in Netherlands, France and Germany	Amsterdam Nuremberg Strasbourg	Netherlands Germany France
APSU in Poland	krakow	Poland

APSU in Quebec - 5 Weeks	Chicoutimi	Canada
APSU in Spain	Alicante Madrid	Spain Spain
APSU in Taiwan/China	Beijing Changhua	China Taiwan
APSU International Alternative Break-Puerto Rico	San Juan	Puerto Rico
APSU London Spring Break - Criminal Justice	London	United Kingdom
APSU London Spring Break Program - Art Appreciation	London	United Kingdom
APSU London Spring Break Service Learning Communication	London	United Kingdom
Budapest Semesters in Mathematics (Exchange)	Budapest	Hungary
Catalyst Summer in Europe - GlobalizEDU	London Paris	United Kingdom France
CCSA: London Mid-Summer	London	United Kingdom
CCSA: London Summer	London	United Kingdom
CCSA: Belize Land & Sea	Blue Creek La Democracia Lake Peten Itza South Water Caye	Belize Belize Guatemala Belize
CCSA: Ireland: Limerick to Dublin	Dublin	Ireland
CCSA: Ireland: One Island, Two Nations	Dublin	Ireland
CCSA: Spring/Summer - AUSTRALIA EXPERIENCE 2021	Melbourne Sydney	Australia Australia
CCSA: Spring/Summer - LONDON EXPERIENCE 2021	London	United Kingdom
CCSA: Winter 2019/20 - Australian Biology	Cairns Melbourne	Australia Australia
CCSA: Winter 2019/20 - London	London	United Kingdom
CCSA: Winter 2019/20 - London Arts & Literature	London	United Kingdom
CCSA: Winter 2019/20- London & Dublin	Dublin London	Ireland United Kingdom
CCSA: Winter Term - Australia	Melbourne Sydney	Australia Australia
CCSA: Winter Term - London	London	United Kingdom
CCSA: Winter Term - London & Dublin	Dublin London	Ireland United Kingdom
CISabroad January in Tokyo	Tokyo	Japan
CISabroad Semester in Florence	Florence	Italy
CISabroad Semester in Sydney - Macquarie University	Sydney	Australia
CISabroad Semester on the Italian Coast	Sorrento	Italy
CISabroad Summer in Florence	Florence	Italy
Exchange to APSU (Exchange)	Clarksville	United States
Global Experiences Internship Programs in London, England	London	United Kingdom
ISA Amsterdam, The Netherlands: Multi-Disciplinary Studies with a Fieldwork Component - Summer	Amsterdam	Netherlands

ISA Amsterdam, The Netherlands: Science, Liberal Arts & Business Courses with Locals - Academic Year/Semester	Amsterdam	Netherlands
ISA Athens, Greece: Arts, Business, Liberal Arts & Sciences - Semester	Athens	Greece
ISA Athens, Greece: Business & Liberal Arts - Summer	Athens	Greece
ISA Auckland, New Zealand: Business, STEM, Social Science & Liberal Arts - Semester	Auckland	New Zealand
ISA Auckland, New Zealand: Design, Business, Maori Studies, Engineering, Tourism, Media & Communication – Semester	Auckland	New Zealand
ISA Auckland, New Zealand: New Zealand Studies + Business - Quarter	Auckland	New Zealand
ISA Auckland, New Zealand: New Zealand Studies + Internship - Quarter	Auckland	New Zealand
ISA Auckland, New Zealand: Undergraduate Research at The University of Auckland - Summer	Auckland	New Zealand
ISA Bangkok, Thailand: Business, Hospitality, Social Science & STEM – Trimester	Bangkok	Thailand
ISA Barcelona, Spain: Business & Tourism- Summer	Barcelona	Spain
ISA Barcelona, Spain: Business and Tourism Courses with Locals & Spanish Language- Academic Year/Semester	Barcelona	Spain
ISA Barcelona, Spain: Design & Visual Arts - Semester	Barcelona	Spain
ISA Barcelona, Spain: Hispanic Studies & International Business- Academic Year/Semester	Barcelona	Spain
ISA Barcelona, Spain: International Studies, Business & Culture - Summer	Barcelona	Spain
ISA Barcelona, Spain: International Studies, Business & Culture- Academic Year/Semester	Barcelona	Spain
ISA Barcelona, Spain: Legal Studies Honors Program - Semester	Barcelona	Spain
ISA Barcelona, Spain: Spanish Language & Culture - Summer	Barcelona	Spain
ISA Barcelona, Spain: Spanish Language & Liberal Arts - Summer	Barcelona	Spain
ISA Barcelona, Spain: Spanish Language, Liberal Arts & Business- Academic Year/Semester	Barcelona	Spain
ISA Barranquilla, Colombia: Spanish Language & Courses with Locals- Summer	Barranquilla	Colombia
ISA Barranquilla, Colombia: Latin American Studies, International Business, Engineering & Courses with Locals-Semester	Barranquilla	Colombia
ISA Barranquilla, Colombia: Science, Technology, Engineering & Mathematics (STEM)- Summer	Barranquilla	Colombia
ISA Berlin, Germany: Advanced German Language & Liberal Arts - Semester/Trimester	Berlin	Germany
ISA Berlin, Germany: Business & the European Union - Summer	Berlin	Germany
ISA Berlin, Germany: German Language & European Studies - Summer	Berlin	Germany
ISA Berlin, Germany: German Language and European Studies - Semester/Trimester	Berlin	Germany
ISA Dublin: Arts, Music, Social & Natural Sciences at Maynooth	Dublin	Ireland

University - Academic Year/ Semester		
ISA Seoul, South Korea: Korean Language & Electives in English at Korea University - Summer	Seoul	South Korea
ISEP Exchange - Chukyo University	Nagoya	Japan
ISEP in Germany - Technische Universitat Dortmund, Dortmund, ISEP Exchange	Dortmund	Germany
ISEP in Germany - Universitat Bielefeld, Bielefeld, ISEP Exchange	Bielefeld	Germany
ISEP in Spain - Universidad de Vigo, Vigo Campus, Beginning Spanish Program, ISEP Exchange	Vigo	Spain
ISEP Internship: Dublin, Ireland	Dublin	Ireland
KNU Summer Program	Daegu	South Korea
Magellan Exchange - Australia (Exchange)	Hobart Launceston	Australia Australia
Magellan Exchange - Austria (Exchange)	Dornbirn	Austria
Magellan Exchange - Belgium (Exchange)	Hasselt Liege	Belgium Belgium
Magellan Exchange - Denmark (Exchange)	Kolding	Denmark
Magellan Exchange - Finland (Exchange)	Kankaanpaa Pori Rauma Rovaniemi	Finland Finland Finland Finland
Magellan Exchange - France (Exchange)	Rennes Vichy	France France
Magellan Exchange - Germany (Exchange)	Aachen Schmalkalden	Germany Germany
Magellan Exchange - Netherlands (Exchange)	Heerlen Maastricht Rotterdam	Netherlands Netherlands Netherlands
Magellan Exchange-ESERP Business School, Barcelona, Spain	Barcelona	Spain
Maximo Nivel	Antigua San José	Guatemala Costa Rica
Middlebury Language Academy	Middlebury	United States
National Student Exchange (NSE)	Canada Caribbean Caribbean Guam Various	Canada Puerto Rico U.S. Virgin Islands Guam United States
TnCIS-Japan	Kyoto Tokyo	Japan Japan
University of Rennes Summer-Physics	Rennes	France

Administration and Faculty

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Barry Jones, MFA	Dean, College of Arts and Letters
Mickey Hepner, Ph.D.	Dean, College of Business
Tucker Brown, 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
Kristine Nakutis, Ed.D.	Executive Director of Austin Peay Center at Fort Campbell
Tim Hudson, Ph.D.	Executive Director, Extended & International Education
Joseph Weber, M.A., M.S.L.S.	Director, Library Services
Telaina Wrigley, M.S.M.	Registrar
Amy Corlew, M.S.	Director, Office of Admissions
Donna Price, M.S.	Director, Student Financial Aid and Veterans Affairs
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Marissa Chandler	Director, Study Abroad and International Exchange

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Benjamin Harmon, M.B.A.	Associate Vice President for Finance
Sonja Stewart, B.B.A., 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
David Sanchez, Ed.D.	Associate Vice President, Information Technology and Chief Information Officer
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Jacenda Davidson, Ed.D.	Assistant Vice President, Human Resources and Chief Human Resources Officer
Marc Brunner, M. Arch.	Director, Capital Planning, Design and Construction

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Bill Persinger, B.F.A.	Executive Director, Public Relations and Marketing

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Vacant	Director, Career Services
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Claudia Rodriguez, M.S.	Director, Child Learning Center
Jamie McCrary, M.S.	Director, Disability Services
Victor Felts, M.Ed.	Associate Dean of Students, Student Life Engagement
David Davenport, M.S.	Director, University Recreation

FACULTY AND EMERITUS ADMINISTRATION

Full Time Faculty Listing

-A-

Najmul Abedin (1998)
Professor of Public Management
B.A., M.A., University of Dacca; Ph.D., University of Durham

Amirmasoud Agharebparast (2020)
Assistant Professor of Art & Design
B.S., Islamic Azad University; M.A., Art University of Isfahan; M.A., Pennsylvania State University

Isaac R. Aklamanu (2020)
Assistant Professor of Social Work
B.S., Brigham Young University; M.S.W., Eastern Washington University; Ph.D. Southern Illinois University

Lori Allen (2018)
Assistant Professor of Teaching and Learning and Associate Dean of the College of Education
B.A., M.A. Auburn University, M.A. Trevecca Nazarene University; Ed.D., East Tennessee State University

Tara Alvey (2011)
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B.A., Thomas More College; M.Ed., Ph.D. Vanderbilt University

Ibukun Amusan (2020)
Assistant Professor of Mathematics & Statistics
B.S. University of Cape Town; M.S., Ph.D. Florida State University

Matthew Anderson (2018)
Assistant Professor of Engineering Technology
B.S. Austin Peay State University, M.S. University of Tennessee Space Institute

Amanuel Asfaw (2015)
Associate Professor of Psychology
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Robert Atkinson (2013)
Associate Professor of Languages and Literature
B.A., University of Southern California; M.A., Ph.D., Lehigh University

Adam Attwood (2019)
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B.A., M.A., M.Ed., Eastern Washington University; Ph.D., Washington State University

-B-

Somaditya Banerjee (2017)
Assistant Professor of History and Philosophy
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B.A., M.A., Ph.D., University of Minnesota

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Md Al Masum Bhuiyan (2020)
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John Blake (1994)
Professor of Engineering Technology
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Professor of History
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Professor of Geology
B.S., San Diego State University; M.S., Oregon State University; Ph.D., University of Wyoming.

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Professor and Chair of Criminal Justice
B.A., B.A., University of Tennessee, Knoxville; M.S., University of Tennessee, Chattanooga; Ph.D., University of Texas, El Paso.

Kristy Cunningham (2020)
Assistant Professor of Library Science
B.A., M.B.A., Tennessee Technological University; M.S., University of Tennessee at Knoxville

-D-

Don Charles Dailey (1991)
Chair and Professor of Biology
B.S., University of Southern Indiana; Ph.D., Indiana University School of Medicine

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Assistant Professor of Mathematics and Statistics
B.A., M.A., Georgian Court University; Ed.D., Montclair State University

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Associate Professor of Mathematics
B.A., University of Missouri; Teaching Certification, Austin Peay State University; M.S., Fontbonne University; Certificate K-12 Educational Leadership, University of Alaska; Ph.D., University of Missouri

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Instructor of Accounting
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Professor of Geology and Chair of the Department of Geosciences
B.S., Sonoma State University; M.S., University of Nevada; Ph.D., University of Wyoming.

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Assistant Professor of Accounting, Finance, & Economics
B.S., London School of Economics & Political Science; MA., Ph.D. George Mason University

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Assistant Professor of Music and Coordinator of Music Therapy
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Professor of Leadership and Organizational Administration
B.A., M.S., University of Tennessee - Chattanooga; Ph.D., University of Tennessee - Knoxville

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Associate Professor of Theatre
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Associate Professor of History and Philosophy
B.A., M.A., University of British Columbia; M.A. Ph.D., Harvard University

-E-

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Assistant Professor of Nursing
B.S., The Pennsylvania State University; M.S., Mansfield University of Pennsylvania

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Associate Professor of English and Coordinator of Women's Studies
B.A., M.A., University of Montana; Ph.D., Miami University of Ohio

Joseph Elarde (2014)
Associate Professor of Computer Science and Information Technology
B.A., Northeastern Illinois University; M.B.A., Northern Illinois University; Ph.D., DePaul University

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B.A., M.A., Austin Peay State University

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B.S.N., M.S.N., Austin Peay State University.

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-F-

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McLean Rachael Fahnestock (2016)
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Korre D. Foster (2010)
Professor of Music and Director of Choral Activities
B.A., Millikin University; B.M., Millikin University; M.M., University of Arizona; D.M.A, University of Miami

Lucinda Fowinkle (2014)
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B.S., M.S., University of Memphis

Norman Fox (2015)
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B.A., Transylvania University; M.A., University of Kentucky; Graduate Certificate in College Teaching and Learning, University of Kentucky; Ph.D., University of Kentucky

Daniel Frederick (1994)
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George M. Frogge (2014)
Associate Professor of Public Management and Criminal Justice
B.S., Belmont University; M.C.J., Middle Tennessee State University; Ed.D., Lipscomb University

-G-

Christina Galben (2013)
Associate Professor of Agriculture
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Gina Garber (2004)
Professor of Library Administration
B.S., Austin Peay State University; M.S., University of Tennessee

Florian Gargaillo (2018)
Assistant Professor of Language & Literature
B.A., M.A. Universite' de Bourgogne, M.A, Ph.D. Boston University

Catherine Gatewood-Keim (2018)
Assistant Professor of Teaching and Learning
B.A., Sagina Valley State University, M.A., Central Michigan University, Ed.D., Nova Southeastern University

Christopher M. Gentry (2008)
Professor of Geography
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Professor of Sociology
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B.S., Central Washington University; M.S., Ph.D, University of Nevada, Reno

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B.M., CSU Long Beach; M.M., D.M.A., University of California

William K. Glunt (1992)
Professor of Mathematics
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Professor of Teaching and Learning
B.S., Austin Peay State University; M.Ed., Ed.D., Vanderbilt University

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Associate Professor of Health and Human Performance and Associate Dean of the College of Behavioral and Health Sciences
B.S., Clemson University; M.S., Austin Peay State University; Ed.D., Treveca Nazarene University

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Assistant Professor of Teaching & Learning
B.F.A., Rochester Institute of Technology; M.S.Ed., Niagara University; Ph.D., University of Buffalo, New York

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Associate Professor of Art
B.F.A., University of Georgia; M.F.A., Texas State University

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Professor of Communication
B.A., University of Kentucky; M.A., Western Kentucky University; Ph.D. University of Kentucky

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Professor of Political Science
B.S., Leningradski Public Agrarian University; M.P.A, Ph.D., Southern Illinois University

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Assistant Professor of Communication
B.A., M.A., Western Kentucky University

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Professor of Mathematics
B.S., Austin Peay State University; M.S., The University of Memphis; Ed.S., Austin Peay State University, Ed.D., Tennessee State University

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Associate Professor of Art
M.F.A., New York State College of Ceramics at Alfred University

Manisha Gupte (2020)
Assistant Professor of Biology
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-H-

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Assistant Professor Of Biology
B.S., Unity College; M.S., Suny College of Environmental Science and Forestry; Ph.D., University of Florida

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Professor of Music
B.M., Northwestern University; M.Mu., University of North Carolina At Chapel Hill; D.M.A., University of Oklahoma

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Associate Professor of Management Technology
B.A.E., University of the State of New York - Regents College; M.A., Pepperdine University; Ed.D., University of South Carolina

Steven W. Hamilton (1987)
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B.A., State University of New York-Geneseo; M.A., University of Kansas; Ph.D., Clemson University

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Osvaldo Di Paolo Harrison (2010)
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B.B.A., M.A., and Ph.D., University of Oklahoma.

Kristen Hershey (2010)
Professor of Nursing
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Jeeyoun Kathy Lee Heuston (2004)
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Professor of Chemistry
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Professor of Psychology
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-I-

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Samuel N. Jator (1998)
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-D-

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Interim Dean, College of Arts and Sciences (2001-2002)
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Interim Administrator of Professional Programs (1995-1997)
Chair, Department of Agriculture (1978-1987 and 1991-1996)

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-J-

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Director of Heritage Program (1990-1993)
Director of Honors Program (1990-2007)

CHARLES PINDER, Ph.D.
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Associate Vice President for Planning and Institutional Effectiveness (1989-1995)
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-V-

JIM VANDERGRIFF, Ph.D.

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-X-

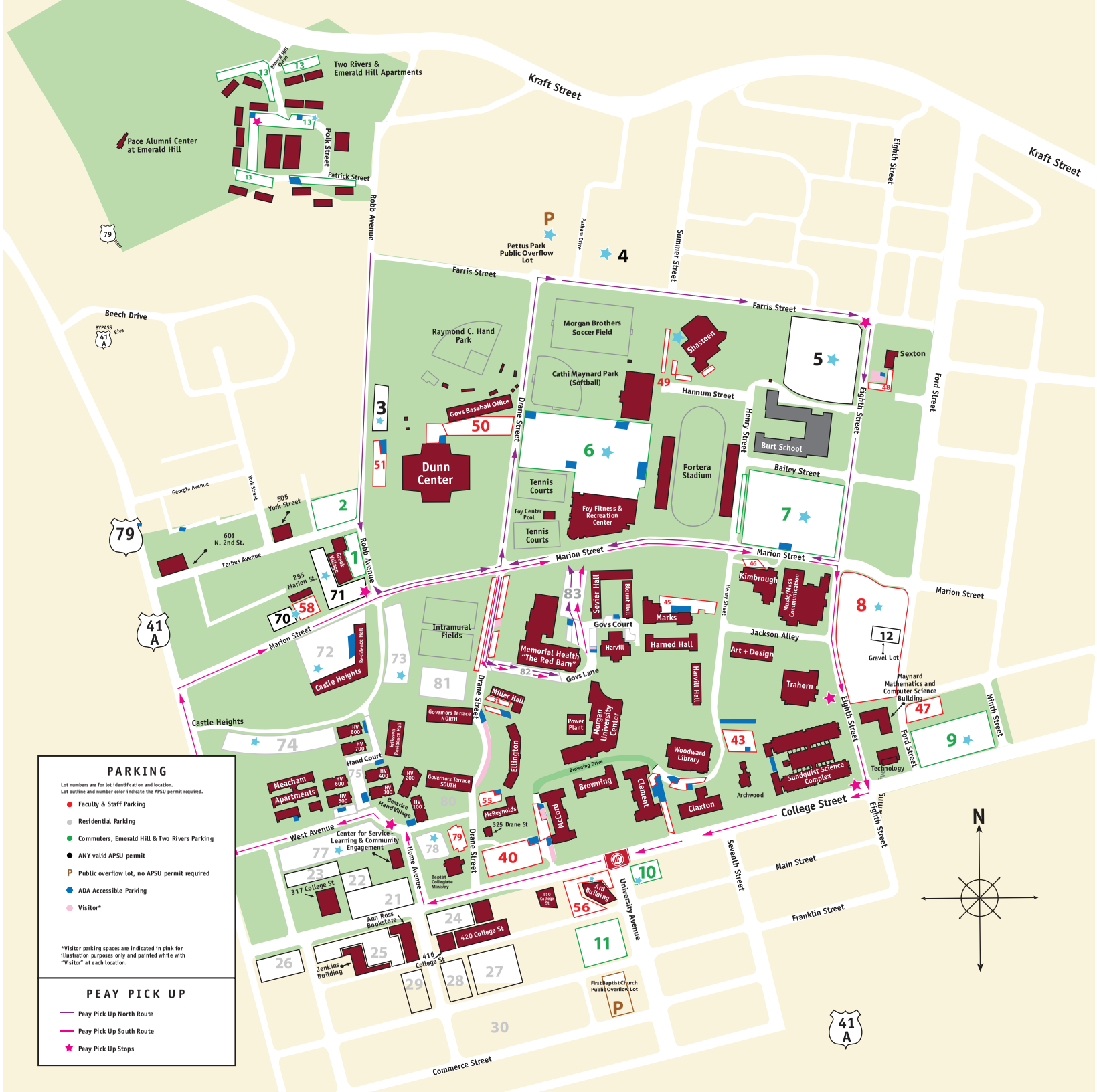
-Y-

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Two Rivers & Emerald Hill Apartments
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Pace Alumni Center at Emerald Hill
Polk Street
Patrick Street
Kraft Street
Robb Avenue
Pettus Park Public Overflow Lot
Pettus Drive
Summer Street
Eighth Street
Farris Street
Beech Drive
Bypass 41 A Byve
Raymond C. Hand Park
Morgan Brothers Soccer Field
Shasteen
Sexton
Cathi Maynard Park (Softball)
Govs Baseball Office
Dunn Center
Drane Street
Hannum Street
Henry Street
Burt School
Fortera Stadium
Ford Street
Bailey Street
Tennis Courts
Foy Center Pool
Foy Fitness & Recreation Center
Georgia Avenue
York Street
505 York Street
601 N. 2nd St.
Forbes Avenue
Brooks Village
255 Marion St.
Marion Street
Kimbrough
Music/Mass Communication
Intramural Fields
Sevier Hall
Blount Hall
Marks
Govs Court
Harvill
Harned Hall
Memorial Health "The Red Barn"
Govs Lane
Jackson Alley
Art + Design
Trahern
Gravel Lot
Maynard Mathematics and Computer Science Building
Ninth Street
Castle Heights
Residence Hall
Miller Hall
Governors Terrace NORTH
Governors Terrace SOUTH
Power Plant
Morgan University Center
Woodward Library
Sundquist Science Complex
Technology
Archwood
Meacham Apartments
Hand Court
Ellington
Browning Drive
Browning
Clement
Claxton
McReynolds
325 Drane St
McCord
College Street
West Avenue
Center for Service Learning & Community Engagement
Home Avenue
Baptist Collegiate Ministry
317 College St
Ann Ross Bookstore
Jenkins Building
416 College St
420 College St
510 College St
Art Building
University Avenue
Seventh Street
Main Street
Franklin Street
Commerce Street
First Baptist Church Public Overflow Lot
Gibbs Village
Beatrice Hand Village
HV 100
HV 200
HV 300
HV 400
HV 500
HV 600
HV 700
HV 800
PARKING
Lot numbers are for lot identification and location.
Lot outline and number color indicate the APSU permit required.
Faculty & Staff Parking
Residential Parking
Commuters, Emerald Hill & Two Rivers Parking
ANY valid APSU permit
Public overflow lot, no APSU permit required
ADA Accessible Parking
Visitor*
*Visitor parking spaces are indicated in pink for illustration purposes only and painted white with "Visitor" at each location.
PEAY PICK UP
Peay Pick Up North Route
Peay Pick Up South Route
Peay Pick Up Stops
N