

University Curriculum Committee
September 21, 2023
ZOOM
3:00pm

Calling of the Roll

Announcements

Old Business

Meeting Minute Approval

- Approval of September 11, 2023 minutes

Consent Agenda Items – All items require final approval by the Provost/SVP Academic Affairs

- **Course Title Update** **Implementation Fall 2024**
 - MATH 5310 – Advanced Machine Learning I
 - This was originally a duplicate titled course and this title is being updated for accuracy and distinction from the undergraduate version of the course.
 - STAT 5310 – Advanced Machine Learning I
 - This was originally a duplicate titled course and this title is being updated for accuracy and distinction from the undergraduate version of the course.
- **Course Number Update** **Implementation Fall 2024**
 - MATH 1430 – Statistics and Probability for K-8 Teachers
 - Updating the course number from 1550 to 1430 to alleviate confusion that it is a more difficult version of MATH 1530 (Elements of Statistics). This would also better distinguish the course as part of the MATH 1410 (Structures of Mathematical Systems I) and MATH 1420 (Structures of Mathematical Systems II) group.
- **Course Rubric Update** **Implementation Fall 2024**
 - UNIV 1000 – University Success
 - Updating the course rubric from APSU to UNIV to correspond to the creation of the University College.

- UNIV 3010 – Foundations of Peer Leadership in the University
 - Updating the course rubric from APSU to UNIV to correspond to the creation of the University College.
- UNIV 3020 – Peer Leadership Practicum Experience
 - Updating the course rubric from APSU to UNIV to correspond to the creation of the University College.
- UNIV 3030 – The Leadership Project
 - Updating the course rubric from APSU to UNIV to correspond to the creation of the University College.
- UNIV 4900 – University Studies Internship
 - Updating the course rubric from APSU to UNIV to correspond to the creation of the University College.
- UNIV 4995 – University Studies Capstone
 - Updating the course rubric from APSU to UNIV to correspond to the creation of the University College.
- **Course Deletion** **Implementation Spring 2024**
 - CRJ 3210 – Medico-Legal Forensics
 - This course no longer fits with the faculty expertise in the department.
- **Course Description Update** **Implementation Fall 2024**
 - ASTR 1010 – Planetary Astronomy

Old 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 to be taken concurrently.

New Description:
Planetary Astronomy covers the tools and methods of astronomy including celestial observation, light, and other types of radiation, telescopes and spectroscopy, as well as the planets and their moons, planetary geology, and the origin of the solar system. Basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing are applied throughout the course.
 - ASTR 1011 – Planetary Astronomy

Old Description:
Laboratory component for ASTR 1010 covering subject 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.

New Description:

Laboratory to accompany ASTR 1010. Laboratory exercises are designed to complement and supplement key concepts covered in ASTR 1010. The ability to use basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing is required.

- ASTR 1020 – Stellar Astronomy

Old Description:

The subjects of stellar astronomy such as star birth, 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.

New Description:

Stellar astronomy covers the tools and methods of astronomy including locating and naming stars and constellations, light and other radiation, telescopes and spectroscopy as well as topics such as the Sun, star birth, star life, star death, pulsars, black holes, galaxies, quasars and cosmology. Basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing are applied throughout the course.

- ASTR 1021 – Stellar Astronomy Lab

Old Description:

Laboratory component for ASTR 1020 covering subjects of stellar astronomy such as star birth, 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.

New Description:

Laboratory to accompany ASTR 1020. Laboratory exercises are designed to complement and supplement key concepts covered in ASTR 1020. The ability to use basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing is required.

- COUN 5080 – Diagnosis and Psychopathology

Old Description:

Diagnostic issues relevant to current diagnostic typologies, DSM-IV, will be reviewed.

Emphasis will be on etiology from various theoretical perspectives, differential diagnosis and treatment.

New Description:

Diagnostic issues relevant to current diagnostic typologies, including the most current version of the Diagnostic and Statistical Manual of Mental Disorders (DSM), will be reviewed.

Emphasis will be on etiology from various theoretical perspectives, different diagnosis and treatment.

- CPSY 8501 – Practicum I in Counseling Psychology

Old Description:

First year supervised clinical training experience in APSU training clinic requiring critical evaluation of observed skill-development. Trainees will work with clients from the community who are seeking services in the training clinic. Observations may occur live or through

digital/video recording. Three hours weekly seminar will provide training in HIPAA compliance, use of Partner for Change Outcome Management System (PCOMS), crisis intervention, assessment and intervention with suicidal clients, and other foundational topics. Trainees will be engaged in a range of assessment, diagnosis, treatment planning, intervention, and supervision activities. Trainees will be expected to complete case conceptualizations, treatment plans, progress notes, case summaries, and documentation as appropriate. Weekly clinic hours may vary but should be in the range of 10 to 15 hours. Trainees are expected to complete an average of 500 hours over the course of this year-long practicum.

New Description:

First year supervised clinical training experience in APSU training clinic requiring critical evaluation of observed skill-development. Trainees will work with clients from the community who are seeking services at the training clinic. Observations may occur live or through digital/video recording. Three-hour weekly seminar will provide training in HIPAA compliance, crisis intervention, assessment and intervention with suicidal clients, and other foundational topics. Trainees will be engaged in a range of assessment, diagnosis, treatment planning, intervention, and supervision activities. Trainees will be expected to complete case conceptualizations, treatment plans, progress notes, case summaries, and documentation as appropriate. Weekly clinic hours may vary but should be in the range of 10-15 hours. Trainees are expected to complete an average of 500 hours over the course of this year long practicum.

- CRJ 2400 – Issues in Homeland Security

Old 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.

New Description:

An introduction to key concepts, processes, policies, and issues related to homeland security. Major topics include: terrorism and counterterrorism; border, transportation, and infrastructure security; mass casualty prevention, response, and resiliency; interagency cooperation; major policy debates; and the history and evolution of the Department of Homeland Security.

- MATH 4020 – Geometry for Teachers

Old Description:

Topics include formal, plane, and solid geometries; tessellations; transformations; measurements; deductive reasoning; constructions with dynamic geometry software and other tools; topology and graph theory.

New Description:

Topics include informal, plane, and solid geometries; tessellations; transformational geometry; deductive reasoning; constructions and theorem demonstrations with dynamic geometry software and other tools; topology, non-Euclidean geometries and graph theory

- PHYS 1010 – Concepts: Motion, Heat, and Sound

Old 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.

New Description:

Topics covered include motion, energy, properties of matter, heat, and sound. The course emphasizes the role of physics in the understanding of everyday experiences in our technological society. The approach is conceptual with a minimum of mathematics. Basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing are applied throughout the course.

- PHYS 1011 – Concepts: Motion, Heat, and Sound Lab

Old 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.

New Description:

Laboratory to accompany PHYS 1010. Laboratory exercises are designed to complement and supplement key concepts covered in PHYS 1010. The ability to use basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing is required.

- PHYS 1020 – Concepts: Electromagnetism, Light and the Quantum World

Old 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.

New Description:

Topics covered include electricity and magnetism, light, atomic and nuclear physics, and relativity. The course emphasizes the role of physics in the understanding of everyday experiences in our technological society. The approach is conceptual with a minimum of mathematics. Basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing are applied throughout the course.

- PHYS 1021 – Concepts: Electromagnetism, Light and the Quantum World

Old 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.

New Description:

Laboratory to accompany PHYS 1020. Laboratory exercises are designed to complement and supplement key concepts covered in PHYS 1020. The ability to use basic mathematical concepts such as number operation, percentage, proportionality, ratio, and graphing is required.

- **Course Prerequisite Update**

Implementation Fall 2024

- ASTR 1010 – Planetary Astronomy

- Adding a prerequisite – Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.
- ASTR 1011 – Planetary Astronomy Lab
 - Adding a prerequisite – Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.
- ASTR 1020 – Stellar Astronomy
 - Adding a prerequisite – Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.
- ASTR 1021 – Stellar Astronomy Lab
 - Adding a prerequisite – Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.
- COUN 5150 Foundations of School Counseling I
 - Updating the prerequisites to prerequisite or co-requisite to assist with the utilization of permits.
 - COUN 5400 (Theories of Counseling) and COUN 5410 (Counseling Techniques) will now be able to be taken prior to or with COUN 5150 (Foundations of School Counseling I)
- MATH 4020 – Geometry for Teachers
 - Updating the prerequisite from MATH 1420 (Structures of Mathematical Systems II) or MATH 1910 (Calculus I) to MATH 1410 (Structures of Mathematical Systems I) and MATH 1420 (Structures of Mathematical Systems II) or MATH 1910 (Calculus I)
- MATH 5140 – Financial Derivatives
 - Removing the prerequisite of MATH 5130 (Financial Mathematics)
- MATH 5260 – Stochastic Processes
 - Removing the prerequisite of MATH 5240 (Probability) or STAT 5240 (Probability)
- MGT 3410 – Productions Operations Management
 - Removing the prerequisite of MGT 3310 (Data Analytics and Statistics)
- PHYS 1010 – Concepts: Motion, Heat, and Sound
 - Adding a prerequisite – Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.
- PHYS 1011 – Concepts Lab: Motion, Heat, and Sound
 - Adding a prerequisite – Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.
- PHYS 1020 – Concepts: Electromagnetism, Light, and the Quantum World

- Adding a prerequisite – Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.
- PHYS 1021 – Concepts Lab: Electromagnetism, Light, and the Quantum World
 - Adding a prerequisite – Deficiencies in reading, writing, and mathematics must be satisfied prior to taking this course.
- STAT 5260 – Stochastic Processes
 - Removing the prerequisite of MATH 5240 (Probability) or STAT 5240 (Probability)
- **Course prerequisite update** **Implementation Spring 2024**
 - SOC 3770 – Analysis and Assessment
 - Removing the prerequisite of MATH 1530 (Elements of Statistics)
- **Course Hours Update** **Implementation Summer 2024**
 - RLTN 4032 – Clinical Education III
 - Updating the course credit hours to 3. A formula of one credit hour per 8-hour clinical day is utilized and accepted by JRCERT, therefore, for a student to attend an all-day clinic, the course credit hours should be 3.
- **Course Hours Update** **Implementation Fall 2024**
 - EDUC 2100 – Foundations of Education
 - Additional content has been added to the course and due to this the credit hours should also increase from 2 to 3 semester credit hours.

Action Agenda Items

College of Arts and Letters

African American Studies – represented by Eboné Amos

Undergraduate Program Modification

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

1. African American Studies Minor
 - Updating the existing curriculum for African American Studies minor as it currently does not reflect the current state of the discipline and many of these courses have not been taught in many years.
 - Removing DIVR 4020 (Capstone Seminar in Social Justice); Three hours of any WGST course; AAST 2500 (Africana Women Across Cultures); AAST 300B and 300C (Selected Topics); AAST 3200 (Study Abroad in Ghana, West Africa); AAST 4050 (The Social Meaning of Race)
 - Adding AAST 2250 (African American Expressive Culture); WGST 2050 (Intro to Women’s and Gender Studies); AAST 3020 (Seminar in African American Studies); COMM 4470 (Race, Gender, and Mass Media); DANC 1500 (Jazz Dance-Foundations); DANC 1900 (Tap Dance - Foundations); DANC 3500 (Jazz Dance-Intermediate); DANC 3700 (Hip Hop Dance-Intermediate); DANC 3900 (Tap Dance-Intermediate); DANC 4710 (Hip Hop Dance Pre-Professional); DANC 4550 (Jazz Dance Pre-Professional); DANC 4900 (Tap Dance Pre-Professional); HIST 4665 (History of the Civil Rights Movement); WGST 2060 (Intro to LGBTQ Studies); AAST 3300 (Intro to Black Theatre and Performance)

College of Behavioral and Health Sciences

Department of Criminal Justice – represented by Scott Culhane

Undergraduate New Course

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

2. CRJ 3500 – International Courts and Justice
 - This course focuses on the historical development and emergence of international law and criminal courts and tribunals. Students will examine the unique challenges of establishing international criminal law and international court systems, how and why such institutions were created, and the need for an international criminal justice community.
3. CRJ 4320 – Juvenile Justice
 - This Juvenile Justice course provides an in-depth exploration of the juvenile justice system, focusing on its theoretical foundations, practical applications, and policy implications. Students will examine the unique aspects of the juvenile justice process, its challenges, and the evolving strategies for preventing, treating, and/or punishing “delinquent” behavior.

Undergraduate Program Modification

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

4. Criminal Justice, BS
 - Adding electives to the current options: CRJ 3300 (Ethics in Criminal Justice) and CRJ 4011 (Issues in Criminal Justice) to the Processes and Institutions electives; CRJ 3500 (International Course and Justice) and CRJ 4320 (Juvenile Justice) to the Courts and Law electives; CRJ 4050 (Criminal Profiling) and CRJ (Criminal Justice in Popular Culture) to the Crime and Deviance elective.
5. Homeland Security Concentration in BS Criminal Justice
 - Adding electives to the current options: CRJ 3300 (Ethics in Criminal Justice) and CRJ 4011 (Issues in Criminal Justice) to the Processes and Institutions electives; CRJ 3500 (International Course and Justice) and CRJ 4320 (Juvenile Justice) to the Courts and Law electives; CRJ 4050 (Criminal Profiling) and CRJ (Criminal Justice in Popular Culture) to the Crime and Deviance elective.

Department of Health and Human Performance – represented by Tim Leszczak/Kelly Kleinhans

Undergraduate New Course

Implementation Spring 2024

Final approval required by the Provost/SVP Academic Affairs

6. CSDI 3085 – American Sign Language II
 - Students with mastery of ASL fundamentals will expand practical skills in ASL and acquire knowledge for successful interactions within the Deaf Community.
7. HHP 2060 – Peer Health Education
 - This course prepares student to inform, educate, intervene, and assist their campus peers to make healthy lifestyle choices. Upon completion of the course and Certified Peer Health Educator (CPE) exam, students become a CPE, and are eligible to conduct peer education programming on campus through campus wellness initiatives. Students meet once a week for 2 hours in class, and would complete 15 hours of on-campus volunteer service.
8. HHP 3025 – Emerging Global Health Issues
 - This course will examine global health issues using the determinants of health with a focus on the burden of diseases. Students will look at social, economic, political, and environmental factors that influence health disparities on a global level. This course provides students the opportunity to learn about global health organizations and the impact of global health interventions.

Undergraduate Program Modification

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

9. Communication Sciences and Disorders Concentration in BS Health and Human Performance
 - Reducing the number of concentration hours from 48 to 45 by removing CSDI 4050 (Interprofessional Training) and CSDI 4060 (Language and Literacy)

10. Public Health Concentration in BS Health and Human Performance
 - Adding one required course of HHP 4801 (CHES Exam Preparation)
 - Adding multiple courses to the guided elective option : COMM 4444 (Cultural Content in Communication); COMM 4510 (Communication and Public Opinion); HHP 2060 (Peer Health Education); HHP 3025 (Emerging Global Health Issues); SOC 2900 (Marriage and the Family); SOC 3050 (Race and Ethnicity in a Multicultural Society); SOC 3060 (Contemporary Issues in the Family); SOC 3070 (Families Across Cultures); SOC 3080 (Gender and Sexualities); SOC 3150 (Social Psychology of Everyday Life); SOC 3250 (Social Institutions); SOC 3300 (Power, Privilege, and Global Inequality); SOC 3750 (Population Dynamics)

College of Business

Department of Accounting, Finance, and Economics – represented by Don Nyonna

Undergraduate New Course

Implementation Spring 2024

Final approval required by the Provost/SVP Academic Affairs

11. FIN 3630 – Real Estate Development
 - This course introduces and analyzes the various phases of real estate development. The curriculum includes the identification and analysis of different phases of real estate development, the practical application or market analysis and site selection techniques, comprehensive analysis of key concepts and metrics in real estate underwriting and investments; the application of planning, design, and construction management techniques to development projects. The curriculum also explores the recent trends and issues in real estate development.

12. FIN 4220 – Financial Institutions Seminar
 - This seminar style course consists of a weekly blend of lectures/discussions from financial services professionals in banking and real estate, and select faculty members on a case-by-case basis. These weekly discussions will focus primarily on current issues, and best practices in the financial services industry. All students are required to submit weekly reports, and complete a term paper summarizing their understanding of the industry from various speakers (including faculty participants) throughout the semester.

Undergraduate New Course

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

13. FIN 4000 – Bank Management

- The course studies bank management and bank regulation. It examines the operations and management policies of commercial banks, including balance sheet management (liquidity, liabilities, spread management, and investment management), capital adequacy, cost of funds, bank profitability, planning and management systems, and the regulatory environment. It also touches on the risk structure of credit for commercial and consumer clients.

Graduate New Course

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

14. ACCT 5020 – Managerial Accounting

- This course develops financial analysis skills useful in business decision-making, the ability to analyze accounting information useful for monitoring efficiency, quality, and timeliness, determine appropriate prices and costing of products and services, and the development of operation budgets. Principles, concepts, and tools in managerial accounting, including product costing, budgeting, decision making tools, performance measurement, financial accounting concepts, financial statement analysis tools, reporting responsibilities of management, and analysis of the impact of management's historical decisions.

15. ECON 5220 – Advanced Managerial Economics

- This course will build on a traditional basis of microeconomics theory through the case method and research projects. Case application will bring microeconomic analysis into the realm of managerial decision making. Focus will be placed on the applications of economic theory for making rational management analysis and decisions as well as the guiding principles undergirding demand, supply, cost theories, and their relevance to business strategic pricing and output decisions. Additional topics may include, consumer theory, theory of the firm, the role of government in business, international and global business, and financial investment.

16. FIN 5020 – Financial Management

- This course will focus on the analysis of the capital structure, dividend policy, and working capital policy of the firm. Additional topics include but are not limited to the manager's role in corporate planning, risk measurement, valuation, cost of capital, analytical tools used for the acquisition and allocation of funds evaluation capital investment proposals, performance cash flow analysis, and applying the capital asset pricing model. Instruction will include computer models and appropriate financial software.

Undergraduate Program Modification

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

17. Finance, BBA

- Updating the major core requirements so they are consistent across the major and three corresponding concentration options.

18. Economics Concentration in BBA Finance

- Updating the major core requirements so they are consistent across the major and three corresponding concentration options.

Undergraduate Program Modification

Implementation Fall 2024

Final approval required by the University President

19. Banking Concentration in BBA Finance

- The concentration in Banking will modernize the curriculum and develop marketable skills for students. The program will include the BBA core that assists students with acquiring general knowledge in business. In addition, the Banking concentration will include courses in Money and Banking as well as Bank Management, these courses will enhance students' skills for jobs in Banking.

20. Real Estate Concentration in BBA Finance

- The concentration in Real Estate will modernize the curriculum and develop marketable skills for students. The program will include the BBA core that assists student with acquiring general knowledge in business. In addition, the Real Estate concentration includes courses in real estate finance and real estate development, these courses will enhance students' skills for jobs in real estate.

Department of Management and Marketing – represented by Emily Lean

Undergraduate New Course

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

21. MGT 4005 – Mastering ChatGPT: A Business Student's Guide to Leveraging AI

- Explore the frontier of AI in business with 'Mastering ChatGPT'. Dive deep into strategic decision-making, enhanced by AI insights, while honing critical thinking skills. Navigate the complexities of ethical dilemmas in AI-driven business scenarios, preparing for a future where technology and morality intertwine.

22. MKT 3720 – Digital Marketing

- Students will learn theoretical frameworks and field practices in digital marketing. Students will learn how to understand and analyze digital marketing issues and problems in the real business world. Students will experience tasks performed in the digital marketing field, such as buyer persona creation, website analysis, and blog post writing.

Graduate New Course

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

23. BUS 5310 – Data Analysis

- Students will explore contemporary methodologies and tools for analyzing both structured and unstructured data, with an emphasis on practical applications across various business sectors. Topics include descriptive, diagnostic, and predictive analytics, data modeling and visualization,

data-driven value creation, and operational and strategic decision-making as well as risk management.

24. BUS 5810 – MBA Capstone

- This capstone course integrates topics contained in courses comprising all of the functions of business. Discussions originate from studying the development and implementation of corporate strategy amid changing global environmental forces at both the general and competitive level.

25. MKT 5010 – Marketing Management

- This course covers the theories, frameworks, concepts, and tools that identify the core elements that drive consumers and organizations to purchase/source products and services and takes an analytical, managerial approach to the marketing activities of a business enterprise. Problem solving and decision making in marketing environments is emphasized.

Graduate Program Modification

Implementation Fall 2024

Final approval required by the University President

26. Management, MBA

- APSU has received THEC approval to move forward with the MBA in Management. The College of Business will transition from the MS to the MBA in Fall 2024.

College of Science, Technology, Engineering, and Mathematics

Department of Agriculture – represented by Don Sudbrink

Undergraduate New Course

Implementation Spring 2024

Final approval required by the Provost/SVP Academic Affairs

27. AGRI 2011 – Computer Skills for Agriculture Professionals

- This course is an introductory course designed to teach computer applications relevant to agriculture. Areas of study include word processing, spreadsheet management, presentation applications and techniques often used in agricultural communication and data analysis.

Department of Mathematics and Statistics – represented by Jackie Vogel

Undergraduate New Course

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

28. MATH 1310 – Exploration in Mathematics Education

- Topics include presenting mathematics as a web of connected ideas, appreciation for diverse solution strategies and representations of problems, as well as examining the value of visuals, models, and manipulatives in the learning of mathematics.

29. MATH 3140 – Connections in Secondary Mathematics

- This course aims to develop a deep understanding for the algebra, geometry, statistics, and mathematics history as it relates to the mathematics taught in secondary school. Families of functions, algebraic procedures, geometric constructions, and the application of statistical ideas will be addressed using multiple representations and connections. Key Developments in mathematical history will be included in the exploration.

Undergraduate Program Modification

Implementation Fall 2024

Final approval required by the University President

30. Data Science Minor

- Data Science is an emerging field with high demand across many industries such as technology, public health, business, insurance and banking. The new minor will help with tapping into this growing demand and will be appealing to student interested in pursuing careers in the data science field.

Undergraduate Program Modification

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

31. Mathematics, BS

- Adding MATH 4321 (Intro to Data Analysis and Programming) to the option with CSCI 1010/1011 (Intro to Programming I and Lab) or CSCI 2000 (Programming for STEM).
- Removing MATH 4460 (Introduction to Numerical Analysis) from the Applied Math optional electives.
- Adding elective options to the Applied Math optional electives to include: BIOL 4100 (Biostatistics); CHEM 3210 (Quantitative Analysis); CSCI 3250 (Data Structures and Algorithms); CSCI 4270 (Algorithm Design and Analysis); ENGR 3003 (Advanced Engineering Mathematics I); ENGR 3004 (Advanced Engineering Mathematics II); GEOL 3060 (Statistics in Geosciences); GEOG 3150 (Geographic Information Systems I); PHYS 3800 (Quantum Mechanics I); and PHYS 4000 (Computational Physics).

32. Mathematics Minor

- Removing MATH 2110 (Calculus III) from the required courses.
- Adding MATH 2110 (Calculus III); MATH 1200 (Intro to Actuarial Science); MATH 1310 (Exploration in Mathematics Education); and MATH 1234 (Honors Seminar in Mathematics Education) to the minor guided electives.

Library

Library – represented by Scott Shumate

Undergraduate New Course

Implementation Spring 2024

Final approval required by the Provost/SVP Academic Affairs

33. LIBR 2400 – Ethical and Responsible Use of AI and Machine Learning

- This course aims to educate students on the ethical and responsible use of Artificial Intelligence (AI), Machine Learning (ML), and Large Language Models. This course does not focus on the technical aspects of creating those models, but aims to provide a comprehensive understanding of what these technologies are, how they work, and the ethical considerations involved in their use. Topics covered include but are not limited to: algorithmic bias, data privacy, social impact, legal implications, and ethical frameworks for AI.

Martha Dickerson Eriksson College of Education

Department of Teaching and Learning – represented by Angela Stone

Undergraduate New Course

Implementation Summer 2024

Final approval required by the Provost/SVP Academic Affairs

34. RDG 4005 – K-3 Foundational Literacy Skills

- This course introduces the foundational skills of early literacy instruction for teaching elementary K-3 students and analysis of literacy assessment data to determine appropriate instructional decisions. Research on literacy from the National Reading Panel and the science of reading inform the framework of this course as teach candidates learn literacy foundational skills. – phonological awareness, phonics, fluency and vocabulary as well as spelling, writing, and English Language Arts content and methods of teaching. Pre-service teacher candidates will apply and integrate this knowledge in future coursework in their education program and future classrooms.

Undergraduate Program Modification

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

35. PreK-3 Concentration in BS Education

- Replacing the LING 4042 (How Sound Works) requirement with RDG 4005 (K-3 Foundational Literacy Skills) to assist with supporting students in the teaching of early literacy components vital to TN Department of Education requirements for licensure.

36. K-5 Licensure Program Concentration in BS Education

- Replacing the option of LING 4040 (How Language Works) or LING 4050 (English Grammar and Usage) with RDG 4005 (K-3 Foundational Literacy Skills) to assist with supporting students in the teaching of early literacy components vital to TN Department of Education requirements for licensure.

37. K-8 Interventionist Concentration in BS Special Education

- Replacing the LING 4050 (English Grammar and Usage) requirement with RDG 4005 (K-3 Foundational Literacy Skills) to assist with supporting students in the teaching of early literacy components vital to TN Department of Education requirements for licensure.

University College

University Studies – represented by Allen Barger

Undergraduate New Course

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

38. UNIV 1010 – University Success and Foundations of Learning

- UNIV 1010 is an interdisciplinary course which provides students with a foundation for success. Emphasis is placed on student engagement, support services, library literacy, financial literacy, academic planning and establishing a foundation for academic excellence at APSU. This course is required for all opportunity admit students. Students must register and remain enrolled in UNIV 1010 until a grade of “C” is earned.

39. UNIV 1200 – University Success for Transfer Students

- UNIV 1200 is an interdisciplinary course that provides transfer students with a foundation for success and sense of belonging at APSU. This course will emphasize the importance of student engagement, student services, library literacy, academic strategies for success, and utilization of campus technology to understand APSU culture. Students enrolled in this course will gain useful information about self-advocacy and holistic wellness that will aid them in their transition to Austin Peay State University.

40. UNIV 2100 – University Success: Preparing for the World of Work

- This course is designed to help students understand the connection between academic programs and careers as well as understand the soft skill for any career. The activities and assignments are designed to facilitate mapping academic majors to career choices, and to expand understanding of the relationship between education and the world of work. Emphasis will be placed on self-awareness, career exploration, self-marketing techniques, and development of job/internship search skills and post-graduate opportunities. This course supports the university’s overall mission to prepare students for successful careers and post-graduate opportunities.

Undergraduate Program Modification

Implementation Fall 2024

Final approval required by the Provost/SVP Academic Affairs

41. Survey of Training and Development Concentration in BS University Studies

- Changing the name of the concentration from Survey of Education (Non-Licensure) due to the establishment of that concentration within the College of Education.
- Adding some additional electives to the concentration.

42. Survey of Organizational Administration and Supervision Concentration in BS University Studies
- Restructuring the requirements so they appear better in Degree Works and require less manual work to resolve issues.

Undergraduate Program Modification

Implementation Fall 2024

Final approval required by the University President

43. Survey of Public Service Concentration in BS University Studies
- Creating a new concentration which will assist with recruiting potential students who have completed EMS/EMT programs, police academies, or fire academies.
44. Military Operations Concentration in BS University Studies
- This is a new concentration for the University Studies major necessitated by changes in Financial Aid regulations that will not cover minors unless required and built into the major. This new regulation makes it difficult for Green to Gold candidates that have numerous credits transferring in. This concentration will be a final option for those students.