

Troy University Undergraduate Academic Council Minutes
December 9, 2016
Electronic Meeting

Legend: **New Courses**
Revised Courses /Majors/Minors
Renumbered Courses
New Majors or Minors
~~**Eliminated Courses**~~

COLLEGE OF ARTS & SCIENCES

1. Changes in the Biology Minor.

Current:

BIOLOGY MINOR (18-20 HOURS)

Lectures and the corresponding labs must be taken together:

BIO 1101	(3)	Organismal Biology
BIO L101	(1)	Organismal Biology Lab
BIO 1120	(3)	Survey of Environmental Sciences
BIO L120	(1)	Survey of Environmental Sciences Lab
<i>OR</i>		
BIO 2229	(3)	General Ecology
BIO L229	(1)	General Ecology Lab
BIO 2220	(3)	Principles of Cell Biology
BIO L220	(1)	Principles of Cell Biology Lab
BIO 3320	(3)	Genetics
BIO L320	(1)	Genetics Lab

Complete ~~two to four~~ additional semester hours of approved upper-level (3300 or above) biology courses with corresponding labs.

Proposed:

BIOLOGY MINOR (18-20 HOURS)

Lectures and the corresponding labs must be taken together:

BIO 1101	(3)	Organismal Biology
BIO L101	(1)	Organismal Biology Lab
BIO 2220	(3)	Principles of Cell Biology
BIO L220	(1)	Principles of Cell Biology Lab

Complete **10 to 12** additional semester hours of approved upper-level (3300 or above) biology courses with corresponding labs.

- Meg Milligan brought up concerns about the courses being deleted. Christine confirmed that the course where only taken out of the Biology minor requirements and not deactivated or removed from course descriptions.

Motion Passed.

2. Addition of 3 new courses.

- HIS 22XX** **Travel Study in History (3)**
Supervised investigation of relevant topics in history through travel-study abroad or within the interior of United States.
Prerequisite: Permission of instructor.
- PHI 22XX** **Travel Study in Philosophy (3)**
Supervised investigation of relevant topics in philosophy through travel-study abroad or within the interior of United States.
Prerequisite: Permission of instructor.
- REL 22XX** **Travel Study in Religion (3)**
Supervised investigation of relevant topics in religion through travel-study abroad or within the interior of United States.
Prerequisite: Permission of instructor.

Motion passed.

3. Changes in the Philosophy and Religion Minor.

Current:

PHILOSOPHY AND RELIGION MINOR (18 HOURS)

Select 9 hours from the following:

- PHI 2201 (3) Introduction to Political Philosophy
- PHI 2203 (3) Introduction to Philosophy
- PHI 2204 (3) Ethics and the Modern World
- PHI 2205 (3) Introduction to Logic
- PHI 2210 (3) Critical Thinking
- REL 2280 (3) World Religions

Select 9 hours from the following upper division courses. At least 6 hours must be philosophy (PHI) courses.

- ANT 3340 (3) Language in Culture and Society
- ANT 3360 (3) Magic, Witchcraft, and Religion
- CLA 3311 (3) Civilization of Greece
- ~~HIS 3330 (3) History of Western Thought~~
- HIS 3356 (3) History of the Middle East
- ~~HIS 4463 (3) The Age of Reason~~
- PHI 3301 (3) Western Philosophy
- PHI 3310 (3) Applied Ethics
- PHI 3320 (3) Non-Western Philosophies
- PHI 3322 (3) Philosophy of Religion
- PHI 3365 (3) Bioethics in Historical Context
- PHI 4493-94 (3) Guided Independent Study
- PHI 4495 (3) Selected Topics in Philosophy

Proposed:

PHILOSOPHY AND RELIGION MINOR (18 HOURS)

Select 9 hours from the following:

- PHI 2201 (3) Introduction to Political Philosophy
- PHI 2203 (3) Introduction to Philosophy
- PHI 2204 (3) Ethics and the Modern World
- PHI 2205 (3) Introduction to Logic
- PHI 2210 (3) Critical Thinking

REL 2280 (3) World Religions
Select 9 hours from the following upper division courses. At least 6 hours must be philosophy (PHI) courses.
 ANT 3340 (3) Language in Culture and Society
 ANT 3360 (3) Magic, Witchcraft, and Religion
 CLA 3311 (3) Civilization of Greece
 HIS 3302 (3) History of Religion in the United States
 HIS 3331 (3) Western Thought since the 17th Century
 HIS 3356 (3) History of the Middle East
 HIS 4463 (3) Europe in the Age of Enlightenment
 PHI 22XX (3) Travel Study in Philosophy
 PHI 3301 (3) Western Philosophy
 PHI 3310 (3) Applied Ethics
 PHI 3320 (3) Non-Western Philosophies
 PHI 3322 (3) Philosophy of Religion
 PHI 3365 (3) Bioethics in Historical Context
 PHI 4493-94 (3) Guided Independent Study
 PHI 4495 (3) Selected Topics in Philosophy
 REL 22XX (3) Travel Study in Religion

Motion passed.

4. History course title changes.

- HIS 4410** ~~Women~~ **Gender, Health, and History (3)**
 Explores the historical relationships between sex, gender, and medicine in the western world and improves students' cultural and historical literacy, understanding of major health issues in the health professions, the role of gender and sex in medicine and culture, and the diversity of medical and social practices.
Prerequisites: HIS 1101 and HIS 1102 or HIS 1122 and HIS 1123 or permission of the instructor.
- HIS 4414** ~~Gilded Age and Progressive Era~~ **Rise of Industrial America, 1877-1920 (3)**
 Examines the period in American History between 1877 and 1920. Topics covered include the results of Reconstruction, the development of the New South, agricultural decline and crisis, industrialization and urbanization, Progressive Era reform, the growth of America as a world power, and the causes and effects of World War I.
Prerequisites: HIS 1111 and 1112 or permission of instructor.
- HIS 4415** ~~Contemporary~~ **Post World War II America (3)**
 Examines the political, economic, and cultural themes in American history from 1945 to the present. Topics covered include the effects of World War II, the origins and development of the Cold War, the Civil Rights Movement, the social movements of the 1960s and 1970s, the Vietnam War, the economic and political crises of the 1970s, the rise of conservatism in the 1980s, and the effects of America's rise to superpower status.
Prerequisites: HIS 1111 and 1112 or permission of instructor.
- HIS 4422** ~~History of American Women~~ **Gender History in America (3)**
 An introduction to the history of gender in America from the 17th century to the present, exploring the major economic, religious, social, and political ideas and developments which have shaped their status and role in American history.
- New Proposed:**
 An introduction to the history of gender in America from the 17th century to the present, exploring the major economic, religious, social, and political ideas and developments which have shaped conceptions about gender in American history.
Prerequisites: HIS 1111 and 1112 or permission of instructor.
- HIS 4470** **Oral History Methods and Practices (3)**
 An introduction to the methods and practice of oral history.

- HIS 4471 Local History Methods and Practices (3)**
An exploration of history, historiographic issues, and methodology of local history in the United States. Provides opportunities to become familiar with sources used in studying local history and to gain practical experience in conducting local history research.
- HIS 4473 Archives Practicum Archival Methods and Practices (3)**
Provides students with an opportunity to apply their knowledge of archival and records management theory and practice. Students will be assigned to work on projects at an archival repository chosen in cooperation with instructor.
May be repeated once as an elective. Note: Credit in Archival Minor only.

Motion passed with revisions to the new course description to HIS 4422.

5. Four new courses for Electronic Engineering.

- EET 44XX LSI/VLSI Design (3)**
MOS Transistors – fabrication and characteristics. MOSFET scaling and short-channel effects. Layer representation and layout rules. Analysis and design of inverters and inverter based circuits. Circuit and interconnection delays, driving large loads. Dynamic logic circuits. Memories, VLSI design strategies – Full custom, Standard Cell and Gate Array design, FPGAs, Subsystem design. Testing and testability. CAD for VLSI.
Prerequisites: EET 2215, EET 3315
- EET 44XX Automation and Control Lab (1)**
Lab course is focused on exercising the concepts learned in course titled automation and control. Students will learn to use motor control, PLCs, sensors, transistors etc., during the lab work.
Co-requisite: EET 4415
- EET 44XX Electronic Testing with Lab (4)**
Topics include, identifying and reading electronic circuit diagrams, using electronic test equipment to analyze circuits, applying a systematic approach to fault finding, and location a range of faults to component level.
Prerequisites: EET 2215, EET 3315
- EET 44XX Electronic Engineering Technology Capstone (3)**
Project base course that will incorporate ideas of deliverables, risk, cost and milestones. Project must terminate in a written report and a prototype of the deliverable.
Prerequisites: Permission of Instructor.

Motion passed.

SORRELL COLLEGE OF BUSINESS

1. Change in course title and course description for BUS 3310 and addition of prerequisite for IS 4410.

- Current:**
- BUS 3310 Innovative Practices and Thoughts (1)**
~~This course introduces students to fundamental concepts in business, entrepreneurship, leadership, innovative business practices, current business issues, and contemporary business thinking.~~
Prerequisite: Lower-level core.

Proposed:

BUS 3310 **Advanced Excel (1)**
A computer application course in which business students use common business spreadsheet software to design and implement solutions to common business problems and issues.
Prerequisite: Lower-level core.

IS 4410 **Business Data Mining (3)**
This course introduces the concepts and practices of extracting information from large databases to support human business decision-making in the areas of summarization, prediction, patterns, relationships, trends, and customer behavior. The course covers various analytical techniques to extract managerial information from large data warehouses using a number of well-defined data mining tasks such as classification, estimation, prediction, affinity grouping and clustering, and data visualization. The course will examine methods and software tools for transforming large amounts of data into new and useful information, uncovering factors that affect purchasing patterns, and identifying potential profitable investments and opportunities. The course will also survey applications and provide an opportunity for hands on experimentation with algorithms for data mining using software and cases.
Prerequisites: IS 3346, QM 2241, or consent of instructor

Motion passed.

2. Modification to the Financial Economic Concentration.

Current

Financial Economics Concentration (36 hours)

Core Economics (6 Hours)

ECO 3351 (3) Intermediate Macroeconomics
ECO 3352 (3) Intermediate Microeconomics

Required courses (21 Hours)

~~ACT 3391 (3) Intermediate Accounting~~

~~ECO 3353 (3) Money and Banking~~

ECO 4451 (3) International Trade & Finance
FIN 3336 (3) Real Estate Finance I
FIN 4432 (3) Investments
FIN 4437 (3) Financial Institutions
FIN 4438 (3) Bank Management

Electives

Select three upper-level FIN courses (9 Hours)

Proposed

Financial Economics Concentration (36 hours)

Core Economics (6 Hours)

ECO 3351 (3) Intermediate Macroeconomics
ECO 3352 (3) Intermediate Microeconomics

Required courses (21 Hours)

ECO 4451 (3) International Trade & Finance
FIN 3334 (3) Financial Statement Analysis
FIN 3336 (3) Real Estate Finance I
FIN 4431 (3) Intermediate Financial Management
FIN 4432 (3) Investments
FIN 4437 (3) Financial Institutions
FIN 4438 (3) Bank Management

Electives

Select three upper-level FIN courses, or ECO 3353, or ACT 3391 (9 Hours)

Motion passed.

COLLEGE OF COMMUNICATION AND FINE ARTS

1. Addition of new course to Art and Design.

ART 22XX History of Photography (3)

An examination of the development of photography and its relation to the other visual arts. This course is designed to provide a brief introduction to the history of photography. It outlines major developments in photographic processes, concepts, and criticism; and it presents a selection of well-known photographic images from the 19th, 20th, and 21st centuries. The course will provide students with a basic knowledge of photographic history, theory, and criticism. It will examine how photography has both been influenced by and has also influenced other mediums. (Writing Intensive)

Motion passed.

COLLEGE OF EDUCATION

1. Addition of prerequisite for RED 4483.

RED 4483 Reading Intervention Strategies (3)

Principles of assessment and evaluation for improving the language and literacy learning. Pre-service teachers will be introduced to the variety of screening and testing instruments for use in modifying students' instructional programs. Formal and informal methods for classroom observations will be explored, and methods for translating data collected for classroom management and/or communication to learners' parents will be introduced. The issues of privacy and ethical treatment of confidential records will also be addressed.

Prerequisite: admission to TEP and RED 3310.

Co-requisite: RED L483

Motion passed.

2. New course in education: Fundamentals of Teaching.

EDU 22XX Fundamentals of Teaching (3)

The course is designed for students who are interested in pursuing careers in education and may be taken prior to being admitted into the teacher education program (TEP). A minimum of 10 hours of field experience is a required component of this course.

Barbara Metzger brought up concerns that the course description should state that Admission to TEP is not required. Statement was added.

Motion passed.

3. Removing the speech and essay requirement for EDU 3310.

Admission to the Teacher Education Program (TEP)

Admission to Troy University does not qualify a student for admission to the Teacher Education Program. Candidates may only enroll in EDU 3310 (or check-sheet approved discipline-specific introduction to education course), EDU 3305 (or check-sheet approved discipline-specific technology course), EDU 4400 (or check-sheet approved discipline-specific classroom management course), and SPE 3340 (or check-sheet approved discipline-specific diverse learners course), EDU 3303 (or check-sheet approved discipline-specific education psychology/assessment course) prior to meeting all criteria for admission to the Teacher Education Program. Candidates must meet with their teaching field adviser for any restrictions regarding enrollment in teaching field courses prior to admission to TEP. Written application to the Teacher Education Program is required. Additional requirements include the following:

1. Completion of 48 semester hours of required general studies courses including a grade of C or better in the two English composition courses and a grade of C or better in the required general studies mathematics course(s) for the teacher education major.
2. Elementary, early childhood and collaborative teacher P-6 candidates must complete both MTH 1110 and MTH 1112 with a grade of C or better to satisfy the math requirement for admission to TEP.
3. A minimum grade point average of 2.75 overall, in professional studies, and in the teaching field(s). Students who fail to meet the required GPA may repeat courses. The university academic policy will be applied in calculating grade point averages. Effective July 1, 2017 Cohorts admitted to TEP must have an average GPA of 3.0.
4. Successful completion of all three sections of the Alabama Educator Certification Assessment Program (AECAP).
5. Successful completion of a formal ~~speech and~~ interview. Elementary majors are required to pass the PRAXIS II multi-subjects test prior to admission to Teacher Education Program (TEP). Effective July 1, 2016.
6. Completion of a minimum of 12 clock hours of classroom observation/participation.
- ~~7. Successful completion of an impromptu essay.~~
8. **7.** Evidence of successful background and fingerprint check.

Motion passed.

COLLEGE OF HEALTH AND HUMAN SERVICES

No Agenda Items

All members were engaged in this electronic meeting. Items were discussed. With adjustment to course descriptions for HIS 4422 and EDU 22XX all items were passed.