

Armstrong

MEMORANDUM

To: University Curriculum Committee
From: Phyllis Panhorst
Catalog Editor and Committee Secretary
Date: September 26, 2012
Re: Agenda – October 3, 2012

The University Curriculum Committee will meet at 3:00 p.m. on Wednesday, October 3, 2012 in University Hall 282.

A G E N D A

CALL TO ORDER

Rick McGrath

APPROVAL OF MINUTES – September 5, 2012

ITEMS

- I. College of Education (no items)
- II. College of Health Professions (no items)
- III. College of Liberal Arts (no items)

IV. College of Science and Technology

1. Create the following course:

FYSS 1000 First-Year Seminar – Science & Technology

1-0-1

Pre-requisite: Fewer than 30 credit hours completed

Corequisite: Associated core course

Description: First year students will learn the skills to become active, effective participants in the Armstrong experience. University physical, academic, and student support services will be discussed, as well as information literacy skills which include recognition of information needs, selection and evaluation of resources to fill information needs, and

responsible communication of information. Skills learned will also be demonstrated and evaluated as part of the corequisite core class.

Rationale: This course will focus on Armstrong's Academic Learning Community offerings to reflect the goals of Armstrong's Quality Enhancement Plan.

Effective: Fall 2013

CURCAT:

Major Department: Dean, College of Science & Technology

Can course be repeated for additional credit? No

Maximum number of Credit Hours: 1

Grading Mode: Normal

Instruction Type: Lecture

Equivalent Course: No

2. Concurrent with the passage of Item 1, the College Curriculum Committee endorsed the plan to add one hour to each program of study in our College to reflect the addition of FYSS 1000 beginning Fall 2013. Each member is to take this to their respective Departments to inform them of this change in the College POS documents.

A. Biology

1. **Modify the following course:**

BIOL 3700 GENETICS

3-4-4 3-3-4

Prerequisite: BIOL 2400 (minimum grade of C)

Rationale: Only three hours are needed for exercises in the genetics laboratories.

Effective Term: Fall 2013

2. **Create the following course:**

BIOL 3250 Limnology

3-0-3

Prerequisite: CHEM 1211 (minimum grade of C), BIOL 1108 (minimum grade of C) or BIOL 1108H (minimum grade of C), and BIOL 2010 (minimum grade of C)

Description: Study of the physical, chemical, and biological aspects of freshwaters and the interrelationships of all three domains of life involved in nutrient and energy cycling in these ecosystems.

Rationale: Limnology is a study of aquatic environments and is a needed addition to the biology curriculum. Upper-level majors courses are in demand and the addition of this course will provide another option to students interested in the field of ecology. The class was taught by a new faculty member in fall 2012 as a Special Topics course and had an enrollment of 40. It will be offered every other year.

Effective Term: Fall 2013

CURCAT:

Major Department: Biology

Can Course be repeated for additional credit? No

Maximum Number of Credit Hours: 3

Grading Mode: Normal

Instruction Type: Lecture

Course Equivalent: none

3. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIOLOGY

Track I: General Biology

B. Major Field Courses **35 34-40** hours

Required Courses (16 hours)

BIOL 2020 – Plant Biology

BIOL 3000 – Cell Biology

BIOL 3050 – General Ecology

BIOL 3700 – Genetics

~~BIOL 4700 – General Ecology~~

BIOL 4801 – Senior Seminar in General Biology

Elective Courses (~~19~~ **18**-24 hours)

Choose one of the following:

BIOL 4150 – Plant Physiology

BIOL 4200 – Mammalian Physiology

BIOL 4210 – Comparative Physiology

Choose one of the following:

BIOL 3250 - Limnology

BIOL 3470 – Environmental Restoration

BIOL 3600 – Salt Marsh Ecology

BIOL 4320 – Environmental Microbiology

BIOL 4460 – Phytoplankton Ecology

BIOL 4750 – Tropical Field Biology

Choose two of the following:

BIOL 3520 – Medical Microbiology

BIOL 4000 – Cancer Biology

BIOL 4010 – Evolution

BIOL 4100 – Cell and Molecular Biology Laboratory
 BIOL 4220 – Endocrinology
 BIOL 4230 – Neurophysiology and Disease
 BIOL 4310 – Applied Microbiology
 BIOL 4400 – Virology
 BIOL 4500 – Bioinformatics and Biotechnology
 BIOL 4510 – Molecular Development
 BIOL 4650 – Immunology

Choose two of the following:

BIOL 3020 – Vertebrate Zoology
 BIOL 3150 – Horticulture
 BIOL 3200 – Plant Taxonomy
 BIOL 3300 – Entomology
 BIOL 3310 – Invertebrate Zoology
 BIOL 3750 – Natural History of Vertebrate Animals
 BIOL 3770 – Developmental and Comparative Anatomy of the Vertebrates
 BIOL 3800 – Mycology
 BIOL 3920 – Parasitology
 BIOL 4470 – Sea Turtle Biology
 BIOL 4550 – Biology of Marine Organisms
 BIOL 4600 – Ichthyology

C. Related Field Course 1 hour
 CHEM 2101L – Organic Chemistry I Lab

D. Electives ~~19-24~~ **19-25** hours
 Select free electives to bring total of 3000+ course work to at least 39 hours.

Track II: Marine Biology

B. Major Field Courses ~~35~~**33**-36 hours

Required Courses (20 hours)

BIOL 2020 – Plant Biology
 BIOL 3000 – Cell Biology
 BIOL 3050 – General Ecology
 BIOL 3700 – Genetics
 BIOL 4550 – Biology of Marine Organisms
 BIOL 4802 – Senior Seminar in Marine Biology

Elective Courses (~~14~~ **13**-16 hours)

Choose one of the following:

BIOL 4150 – Plant Physiology
 BIOL 4200 – Mammalian Physiology
 BIOL 4210 – Comparative Physiology

Choose one of the following:

BIOL 3020 – Vertebrate Zoology
 BIOL 3310 – Invertebrate Zoology
 BIOL 3750 – Natural History of Vertebrate Animals

Choose two of the following:

BIOL 3250 - Limnology

- BIOL 4320 – Environmental Microbiology
 BIOL 3200 – Plant Taxonomy
 BIOL 4460 – Phytoplankton Ecology
 BIOL 4470 – Sea Turtle Biology
 BIOL 4750 – Tropical Field Biology
 BIOL 4600 – Ichthyology
- C. Related Field Courses 9 hours
- CHEM 2101L – Organic Chemistry I Lab
 PHYS 1111K – Introductory Physics I or PHYS 2211K- Principles of Physics I
 MATH 1161 – Calculus I (If taken in core area A, then substitute with either MATH 2072;
 PHYS 1112K or PHYS 2212K)
- D. Electives 17-19 **15-18** hours
- Select free electives to bring total of 3000+ course work to at least 39 hours.

Rationale: Reflects changes in items 1 and 2 and the prior deletion of BIOL 4700 (course deleted and became BIOL 3700 in 2011-2012 but not deleted from program of study):

Effective Term: Fall 2013

- B. Chemistry and Physics (no items)
 C. Computer Science and Information Technology (no items)
 D. Engineering Studies (no items)
 E. Mathematics (no items)

F. Psychology

1. Make the following changes to the minor in Psychology:

Psychology15 hours
~~PSYC 1101 or PSYC 1101H—Introduction to Psychology or Honors Introduction to Psychology~~
 Twelve **Fifteen** semester hours of upper division course work in **Psychology**.
Open only to non-majors and coursework may not be counted toward the Mental Health, Organizational Psychology or Applied Behavior Analysis minors.

Rationale: Based on a recent change enacted by the University Curriculum Committee, which denoted that courses from Core Area E may not count toward a minor, we propose to remove PSYC 1101 or 1101H from the Psychology minor. In order to meet the university requirement of 15-18 hours of coursework, fifteen upper division hours will be required to earn the Psychology minor. Also, in recent months, several students have inquired about obtaining both a psychology major and a psychology minor. The added note in the Psychology minor's description should help clarify this issue. While this may seem self explanatory, it is unclear to students because other minors within the psychology department ARE available to psychology

majors. In addition, we feel that it is necessary to be transparent that courses taken for the Psychology minor may not be used to obtain the Mental Health, Organizational Psychology, or Applied Behavior Analysis minors.

Effective Term: Fall 2013

2. Make the following changes to the minor in Mental Health:

Mental Health **15** hours
 PSYC ~~1101~~ or PSYC ~~1101H~~; 3020, 3160, 3280, 5060U, ~~5150U~~ **and one of the following: 3800, 5150U, 5061U, or 5100U.**

Courses used as Major Field courses for the Psychology major may not be applied to the Mental Health minor.

Available to any major.

Rationale: Based on a recent change enacted by the University Curriculum Committee, which denoted that courses from Core Area E may not count toward a minor, we propose to remove PSYC 1101 or 1101H from the Mental Health minor. By making this change, the Mental Health minor will now require students to take 15 hours of coursework, rather than 18, which still conforms to the university requirements. PSYC 5150U is now rarely offered because of changes in the department's personnel. PSYC 3800, 5061U, and 5100U all pertain directly to mental health issues, and would make suitable complements to PSYC 5150U. By offering the four options we would give students more flexibility in tailoring the minor to meet their interests and/or schedules. We do not want to allow "double dipping" with courses used to fulfill the major course requirements for the psychology major because then many, if not most, psychology majors would be able to earn the mental health minor. We want the courses used to earn the minor to be in addition to the major courses used to earn the psychology degree.

Effective Term: Fall 2013

3. Make the following changes to the minor in Organizational Psychology:

Organizational Psychology **15** hours
 PSYC ~~1101~~ or PSYC ~~1101H~~; **3000, 3020, 3200, 5060U, ~~5200U~~, and either 5150U, 5300U or an approved internship (PSYC 4130) or an approved research experience (PSYC 3950).**

Courses used as Major Field courses for the Psychology major may not be applied to the Organizational Psychology minor.

Available to any major.

Rationale: Based on a recent change enacted by the University Curriculum Committee, which denoted that courses from Core Area E may not count toward a minor, we propose to remove PSYC 1101 or 1101H from the Psychology minor. By making this change, the Organizational Psychology minor will now require students

to take 15 hours of coursework, rather than 18, which still conforms to the university requirements. PSYC 5200U was changed to PSYC 3200, effective the 2012-2013 catalog, so PSYC 5200U should be replaced with PSYC 3200. PSYC 5150U is now rarely offered because of changes in the department's personnel. PSYC 3000 pertains directly to organizational issues and makes a very appropriate complement to PSYC 5150U in the minor. PSYC 5300U is now also rarely offered, so offering the options of an approved internship or an approved research experience would give students more options to earning the minor. We do not want to allow "double dipping" with courses used to fulfill the major course requirements for the psychology major because then many, if not most, psychology majors would be able to earn the organizational psychology minor. We want the courses used to earn the minor to be in addition to the major courses used to earn the psychology degree.

Effective Term: Fall 2013

4. Create the following minor:

Applied Behavior Analysis..... 15 hours
PSYC 3160 or 3200; 3400, 5060U, 5061U, and 5062U.
Available to any major.

Rationale: Our department's sequence in Applied Behavior Analysis (PSYC 5060U, 5061U, and 5062U) has been approved by the Behavior Analysis Certification Board (BACB) as meeting the coursework requirements for eligibility to take the Board Certified Assistant Behavior Analyst Examination. Students who successfully complete this course sequence and the other courses required for this minor deserve recognition for their focused study in the area of applied behavior analysis.

Effective Term: Fall 2013

5. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS IN PSYCHOLOGY

- C. Related Field Courses 13 hours
- I. All courses in this section:
 - PSYC 2201 – Introduction to Psychological Research Lab
 - PSYC 3400 – Introduction to Learning
 - Foreign Language 1002
 - II. One sequence from:
 - Foreign Language 2001 and 2002
 - ACCT 2101 and ACCT 2102 – Accounting I and II
 - ECON 2105 and 2106 – Principles of Macroeconomics and Principles of Microeconomics (if not used to fulfill Area E of the core)**

Rationale: Savannah State University offers one section of ACCT 2101 (fall semester only) and one section of ACCT 2102 (spring semester only) on our campus. Savannah State University also does not waive the prerequisite of MATH 1111 for

the ACCT courses. These limitations make it difficult for many of our students to pursue the Accounting sequence. A recent graduate suggested that Economics courses may provide the business/actuarial background we want our BA students to have.

Effective Term: Spring 2013

OTHER BUSINESS

- A. Old Business.** Continuation of discussion: When Area F plus the major in any program of study reaches the point of being taught 50% online, should this be the point at which the University Curriculum Committee reviews the major.

ADJOURNMENT