



**ARMSTRONG ATLANTIC
STATE UNIVERSITY**

MEMORANDUM

To: University Curriculum Committee
From: Phyllis Panhorst
Catalog Editor and Committee Secretary
Date: September 8, 2010
Re: Agenda – September 15, 2010

The University Curriculum Committee will meet at 3:00 p.m. on Wednesday, September 15 in University Hall 282.

A G E N D A

CALL TO ORDER

Glenda Ogletree

APPROVAL OF MINUTES – August 18, 2010

ITEMS

I. College of Education (no items)

II. College of Health Professions

- A. Communication Sciences and Disorders (no items)
- B. Dental Hygiene (no items)

C. Health Sciences

1. For Information Only: At the February 10, 2010 meeting of the UCC, the Department of Health Sciences created a new course, SMED 5020 U/G Movement and Posture Assessment and Exercise. They have since determined that this number has been used before. Administrative approval was granted to change the number to SMED 5065 U/G. This item is included in the agenda to document the change.

- D. Medical Technology (no items)
- E. Nursing (no items)
- F. Physical Therapy (no items)
- G. Radiologic Sciences (no items)
- H. Respiratory Therapy (no items)

III. College of Liberal Arts (no items)

IV. College of Science and Technology

A. Biology (no items)

B. Chemistry & Physics

1. Change the following course title, pre requisite & description

ISCI 2002 ~~PHYSICAL AND SPACE SCIENCE~~ SCIENCES FOR EARLY CHILDHOOD EDUCATORS 2-2-3

Prerequisite: **MATH 2008 (minimum grade of C)** and One Core Area D Lab Science course (**minimum grade of C**)

Description: Conceptual and laboratory investigation of the fundamental concepts of ~~of~~ **in the** physical sciences (**properties of matter, basic chemical reactions**, energy, force, fields, **optics, space**) ~~and space science~~ designed for pre-service elementary grade teachers. **Content based on Georgia Performance Standards for K-5.** Will not count as an Area D course.

Rationale: We are requesting a minimum grade of C in MATH 2008 because an understanding of MATH 2008 concepts is required for ISCI 2002 & a minimum grade of C in a laboratory science to provide the foundation for the laboratory techniques used in ISCI 2002. Finally the change in the title of the course and changes in the description better describe the course's content.

Effective Term: Fall 2011

2. Change the following course CURCAT:

CHEM 2900 INTRODUCTION TO CHEMICAL RESEARCH 0-(3-9)-(1-3)

CURCAT:

Major Department: Chemistry & Physics

Can course be repeated for additional credit? Yes

Maximum number of credit hours: 9

Grading Mode: Normal

Instruction Type: Laboratory

Course equivalent: none

Rationale: Lower level students may do research up to three semesters, at which time these students will have met the required prerequisite or corequisite courses making them eligible for the upper level research course (CHEM 3900).

Effective Term: Fall 2011**3. Change the following course CURCAT:**

CHEM 4940 SPECIAL TOPICS IN CHEMISTRY V-V-(1-3)

CURCAT:

Major Department: Chemistry & Physics

Can course be repeated for additional credit? Yes

Maximum number of credit hours: 9

Grading Mode: Normal

Instruction Type: Lecture-Laboratory

Course equivalent: none

Rationale: Upper level students are not expected to have the opportunity to take this irregularly offered course more than three times due to the required prerequisite courses and the time remaining until they graduate.

Effective Term: Fall 2011

4. Change the following course CURCAT:

CHEM 4950 SPECIAL LECTURE TOPICS IN CHEMISTRY

V-0-(1-3)

CURCAT:

Major Department: Chemistry & Physics

Can course be repeated for additional credit? Yes

Maximum number of credit hours: 9

Grading Mode: Normal

Instruction Type: Lecture

Course equivalent: none

Rationale: Upper level students are not expected to have the opportunity to take this irregularly offered course more than three times due to the required prerequisite courses and the time remaining until they graduate.

Effective Term: Fall 2011**5. Change the following course CURCAT:**

CHEM 4960 INTERNSHIP

V-V-(1-12)

CURCAT:

Major Department: Chemistry & Physics

Can course be repeated for additional credit? Yes

Maximum number of credit hours: 36

Grading Mode: Normal

Instruction Type: Lecture-Laboratory

Course equivalent: none

Rationale: Majors may choose to complete full time internships up to 9 semesters after completion of the required prerequisite courses making them eligible for this course. Making the course repeatable 9 times allows students to do internships every semester they are eligible for until graduation.

Effective Term: Fall 2011

6. Change the following course CURCAT & hours:

CHEM 3900 CHEMICAL RESEARCH

~~0-V-V~~ 0-(3-9)-(1-3)

CURCAT:

Major Department: Chemistry & Physics

Can course be repeated for additional credit? Yes

Maximum number of credit hours: 21

Grading Mode: Normal

Instruction Type: Laboratory

Course equivalent: none

Rationale: Upper level students may do research up to 7 semesters after meeting the required prerequisite or corequisite making them eligible for this course. Making the course repeatable 7 times allows students to do research at this level every semester they are eligible for until graduation.

Change in hours aligns course with other chemistry chemical research offerings.

Effective Term: Fall 2011**7. Delete the following courses:**~~CHEM 4992, ADVANCED CHEMICAL RESEARCH 0 (3-9) (1-3)~~~~CHEM 4993, ADVANCED CHEMICAL RESEARCH 0 (3-9) (1-3)~~~~CHEM 4994, ADVANCED CHEMICAL RESEARCH 0 (3-9) (1-3)~~

Rationale: CHEM 4992, 4993 and 4994 are redundant and have never been used. All programs of study already only list CHEM 4991 (and not -2, -3, -4)

Effective Term: Fall 2010**8. Change the following course CURCAT:**

CHEM 4991-ADVANCED CHEMICAL RESEARCH

0-(3-9)-(1-3)

CURCAT:

Major Department: Chemistry & Physics

Can course be repeated for additional credit? Yes

Maximum number of credit hours: 9

Grading Mode: Normal

Instruction Type: Laboratory

Course equivalent: none

Rationale: Upper level students would not exceed three semesters of research requiring a presentation (as is the case with this course). If students desire to perform additional research for credit, they will take the additional credits as CHEM 3900 research.

Effective Term: Fall 2011

- C. Computer Science and Information Technology (no items)
- D. Engineering Studies (no items)

E. Mathematics

1. Modify the title of the following course:

MATH 4060 FUNCTIONS OF A COMPLEX VARIABLES 3-0-3

Rationale: This is a more common title and does not infer multivariate treatment. The name was inadvertently changed during semester conversion.

Effective Term: Fall 2011

F. Psychology

1. Create the Following Course:

PSYC 4081 Learning and Behavior Laboratory 0-1-1

Corequisite: PSYC 4080

Description: Conduct behavioral experiments with nonhuman animals. Collect and analyze data and write research reports.

Rationale: Splits the lab section from the lecture portion of the existing course (PSYC 4080; see below) so that students and the instructor could allocate a set time block to work together in the laboratory. At present, students who enroll in PSYC 4080 must schedule laboratory time outside of the regularly scheduled three hours in the classroom, which many students find difficult to do. We believe that by requiring students to schedule laboratory time in their course schedules, we are enhancing both the likelihood of student success and the ability of faculty to devote dedicated time to the students' laboratory work.

Effective Term: Fall 2011

CURCAT:

Major Department: Psychology

Can Course be repeated for additional credit? No

Maximum Number of Credit Hours: 1

Grading Mode: Normal

Instruction Type: Laboratory

Course equivalent: PSYC 4080

2. Modify the following course:

PSYC 4080 Learning and Behavior

3-1-4 3-0-3

Prerequisite: PSYC 1101 and PSYC 2200

Corequisite: PSYC 4081

Description: ~~Experimental procedures to measure behavior, learning theories, and laboratory involving animal care, training and experimentation. Research project required.~~ **An examination of basic learning processes and theories. Emphasis on experimental procedures used in the laboratory to better understand human behavior.**

Rationale: (Refer to the rationale for the creation of PSYC 4081, above). We wish to reduce the credit hours from 4 to 3 in order to split the lab section from the lecture portion of the existing course in order to enhance student success in the course. The proposed course description is a more accurate, and better articulated, statement of the course content.

Effective Term: Fall 2011**CURCAT:****Major Department: Psychology****Can Course be repeated for additional credit? No****Maximum Number of Credit Hours: 3****Grading Mode: Normal****Instruction Type: Lecture****Course equivalent: PSYCH 4080****3. Modify the following program of study:**

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN PSYCHOLOGY

B. MAJOR FIELD COURSES 32 hrs

I. All courses in this section

PSYC 3090 – Physiological Psychology

PSYC 4000 – Measurement (3 hours)

PSYC 4001 – Measurement Laboratory (1 hour)

PSYC 4080- Learning and Behavior **OR PSYC 4080 (3 hours) plus PSYC 4081 (1 hour)**

PSYC 4100 – History and Systems of Psychology

Rationale: The content in the old PSYCH 4080 is not in PSYCH 4080 and PSYCH 4081

Effective Term: Fall 2011

4. Create the Following Course:**PSYC 4129 - Service Learning in Psychology****V-V (1-3)****Prerequisite: PSYC 1101 and permission of supervising instructor. Must be a declared psychology major or Minor in S.H.I.P.****Description: Student arranged and instructor approved service with a sponsoring organization providing a qualified supervisor. Instructor will establish criteria, including minimum hours of service, for successful completion of the course.**

Rationale: Service learning and facilitating students to be active citizens have emerged as important aspects of higher education. In addition, many psychology students have expressed the desire to engage in volunteer service activities in the community, but also want official recognition in the form of course credit. This course is distinct from our PSYC 4130, Senior Internship, course, in that the Senior Internship requires more formal work obligations, more application of advanced skills or knowledge in psychology, and senior standing.

Effective Term: Spring 2011**CURCAT:****Major Department: Psychology****Can Course be repeated for additional credit? No****Maximum Number of Credit Hours: 3****Grading Mode: Pass-fail****Instruction Type: Individual instruction****Course equivalent: none**

5. Modify the following course:

PSYC 4130 – Senior Internship

3-0-3-V-V-(3-9)Prerequisite: PSYC 1101, **minimum Psychology GPA of 2.5**, and permission of supervising instructor (**senior standing strongly recommended**)**Description:** Open only to seniors **unless special permission is granted.**

Individually designed work experience in an applied setting with the sponsoring organization providing a qualified supervisor. Faculty advisor will establish performance criteria and evaluate accordingly. Scholarly paper or project to be judged by department faculty required. **Course may be repeated up to a total of nine (9) credit hours. Initial or continued internship placement is not guaranteed.**

Rationale: Students who seek eligibility for certification at the national level need to complete more hours of supervised field placement than would be required for a three credit hour course. Allowing students to enroll for a variable number of credits would meet such students' needs. We are adding the minimum Psychology GPA of 2.5 because a lower GPA suggests that students may not have the requisite knowledge base and/or work ethic to succeed in the field. We are adding the statement that an internship placement is not guaranteed because the availability of internship slots and the selection of students by particular agencies depend on the needs, priorities, and cooperation of those agencies, which we do not control. At times, a particular student may be deemed ready for internship placement but does not yet have senior standing. The proposed revision of the course description would allow for the placement of such students.

Effective Term: Fall 2011**CURCAT:****Major Department: Psychology****Can Course be repeated for additional credit? Yes****Maximum Number of Credit Hours: 9****Grading Mode: Normal****Instruction Type: Internship****Course equivalent: none****OTHER BUSINESS****ADJOURNMENT**