

Armstrong

MEMORANDUM

To: University Curriculum Committee
From: Phyllis Panhorst
Catalog Editor and Committee Secretary
Date: Wednesday, February 29, 2012
Re: Agenda – March 7, 2012

The University Curriculum Committee will meet at 3:00 p.m. on Wednesday, March 7 in University Hall 282.

AGENDA

CALL TO ORDER

Rick McGrath

APPROVAL OF MINUTES – February 8, 2012

ITEMS

I. College of Education

A. Adolescent and Adult Education

1. **Create the following course:**

PEBC 1000 BASIC BOOT CAMP

0-1-1

Based on military-style of training, offers a variety of beginning exercises to increase cardiovascular efficiency, increase strength, and flexibility. Class may be indoors or outdoors.

Rationale: This course will expand the physical activity offerings to all students. This course will also meet a one semester physical training requirement for the ROTC students.

Effective Term (for catalog purposes): Fall 2012

Effective Term (for Banner purposes): Spring 2013

CURCAT:

Major Department: Adolescent and Adult Education

Can course be repeated for additional credit? No

Maximum number of credit hours: 1

Grading mode: Normal

Instruction type: Laboratory

Course equivalent: None

2. Create the following course:

PEBC 1005 INTERMEDIATE BOOT CAMP

0-1-1

Prerequisite: PEBC 1000 or Permission of Instructor

Based on military-style of training, offers a variety of intermediate exercises to increase cardiovascular efficiency, increase strength, and flexibility. Class may be indoors or outdoors.

Rationale: This course will expand the physical activity offerings to all students. This course will also meet a one semester physical training requirement for the ROTC students.

Effective Term (for catalog purposes): Fall 2012

Effective Term (for Banner purposes): Spring 2013

CURCAT

Major Department: Adolescent and Adult Education

Can course be repeated for additional credit? No

Maximum number of credit hours: 1

Grading mode: Normal

Instruction type: Laboratory

Course equivalent: None

3. Create the following course:

PEBC 1010 ADVANCED BOOT CAMP

0-1-1

Prerequisite: PEBC 1005 or Permission of Instructor

Based on military-style of training, offers a variety of advanced exercises to increase cardiovascular efficiency, increase strength, and flexibility. Class may be indoors or outdoors.

Rationale: This course will expand the physical activity offerings to all students. This course will also meet a one semester physical training requirement for the ROTC students.

Effective Term (for catalog purposes): Fall 2012

Effective Term (for Banner purposes): Spring 2013

CURCAT

Major Department: Adolescent and Adult Education

Can course be repeated for additional credit? No

Maximum number of credit hours: 1

Grading mode: Normal
Instruction type: Laboratory
Course equivalent: None

4. **Create the following course:**
PEBC 1700 SPECIAL TOPICS: PHYSICAL ACTIVITY **0-1-1**
Physical activity announced when offered. May be repeated for additional credit as topics change.

Rationale: This course will allow for offering physical activity topics that may develop with fitness trends. This allows for variability and currency in activity.

Effective Term (for catalog purposes): Fall 2012
Effective Term (for Banner purposes): Spring 2013

CURCAT
Major Department: Adolescent and Adult Education
Can course be repeated for additional credit? Yes
Maximum number of credit hours: 3
Grading mode: Normal
Instruction type: Laboratory
Course equivalent: None

- B. Childhood and Exceptional Student Education (no items)

II. College of Health Professions

- A. Health Sciences (no items)

B. Medical Laboratory Science

1. **Modify the following program of study:**

PROGRAM OF STUDY FOR THE DEGREE OF BACHELOR OF SCIENCE IN
 MEDICAL LABORATORY SCIENCE

Core Area F 18 hours

BIOL 1107 – Principles of Biology I

CHEM 2101 – Organic Chemistry I or **CHEM 2000 Fundamentals of Organic Chemistry and Biochemistry**

BIOL 2081 – Human Anatomy and Physiology I

BIOL 2082 – Human Anatomy and Physiology II

Other approved courses (e.g., biology, chemistry, computer science)

Rationale: Students can have the option to satisfy this area by taking Organic Chemistry or Fundamentals of Organic Chemistry and Biochemistry.

Effective Term: Fall 2012

C. Nursing

1. NURS 4216: Palliative/~~Care at the End of Life~~ **Hospice Care** ~~2-2-3~~ **3-0-3**
 Prerequisites: Admission to the BSN program or permission of the course instructor.
 Explore and address critical aspects of care ~~at the end of life in the adult client across all life-threatening illness.~~ **in all disease stages, including those undergoing treatment for curable illnesses and those living with chronic diseases, as well as patients who are nearing the end of life.**

Rationale: Palliative Care is important at the end of life, but also includes all stages of disease control. The clinical component is being deleted because it is no longer necessary to meet the course objectives.

Effective Term: Fall 2013

D. Radiologic Sciences (no items)

E. Rehabilitation Sciences

The following item from UCC meeting 2/8/2012 was remanded by the Senate.

1. **Create the following course:**
CSDS 4151 Writing for the Health Professions **3-0-3**
Prerequisite: ENGL 1102
Description: Focuses on technical writing skills for students in the health professions for documentation and academic/research purposes. All stages of the writing process will be addressed. Emphasis on professional writing style as well as the ability to clearly and effectively express thoughts and information in writing will be integrated.

Rationale: Careers in health professions are writing intensive across both clinical and academic/research settings. Students preparing for jobs in health professions must develop strong written communication skills. This course will provide content to assist in the facilitation of technical writing required in the workforce.

Effective: Fall 2012

CURCAT

Major Department: Rehabilitation Sciences

Can course be repeated for additional credit? No

Maximum Number of Credit Hours: 3

Grading Mode: Normal

Instruction Type: Lecture

Course Equivalent: None

F. 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 International Baccalaureate Credit (page 24, Undergraduate Catalog 2011-12):

International Baccalaureate Diplomas and Certificates

Students who have participated in International Baccalaureate Programs in their high schools are welcomed at Armstrong Atlantic State University. In many circumstances, we are able to award college credit for exemplary performance in IB courses.

If the student did not earn an International Baccalaureate Diploma but did earn a certificate in one or more *higher level* International Baccalaureate (IB) courses, we award specific course credit as described on the following schedule, up to a maximum of 24 semester hours.

IB course in chemistry with grade of 5, 6, or 7:	CHEM 1211/L	4 s.h.
IB course in computer science with grade of 5, 6, or 7:	CSCI 1302	3 s.h.
IB course English A1 with grade of 4, 5, 6, or 7:	ENGL 1101	3 s.h.
IB course in History of the Americas with grade of 4, 5, 6, or 7:	HIST 2111 and 2112	6 s.h.
IB course in Mathematics with grade of 5, 6, or 7:	MATH 1161	4 s.h.
IB course in physics with grade of 5, 6, or 7:	PHYS 2111K PHYS 1111K	4 s.h.

Rationale: The IB program does not address sufficient calculus based physics topics to warrant credit for calculus based physics. The appropriate credit should be for algebra/trigonometry based physics instead of for calculus based physics; i.e. credit for PHYS 1111K instead of for PHYS 2211K. (According to the description of the IB Diploma Programme Physics-guide, calculus could be taken but is not required in the IB program. So, a student may have completed the program with physics without calculus based physics.)

Effective Term: Fall 2012

2. Modify the following course:

PHYS 3120 DIGITAL ELECTRONICS

1-6-3

Prerequisite: ~~MATH 1113 and 8 semester hours of lab science~~ **Either PHYS 1112K (minimum grade of C) and MATH 1161 (minimum grade of C) or PHYS 2212K (minimum grade of C)**

Rationale: The students taking PHYS 3120 Digital Electronics need the electricity concepts and the lab experience of connecting basic circuits provided in either PHYS 1112K or PHYS 2212K in order to take this course. Students that successfully complete PHYS 1112K or PHYS 2212K will have earned 8 semester hours of lab science because of their prerequisites. The inclusion of MATH 1161 along with PHYS 1112K attempts to insure that those students also have comparable mathematical skills to those that have taken PHYS 2212K.

Effective Term: Fall 2013

3. Modify the following course

~~CHEM 3401 PHYSICAL CHEMISTRY-I~~ **Physical Chemistry: Thermodynamics and Kinetics** 3-4-4

Prerequisite: CHEM 2300 (minimum grade of C) and MATH 1161 (**minimum grade of C**)

Prerequisite or Corequisite: PHYS 1112K or PHYS 2212K

Fundamentals of physical chemistry including gas laws, heat and work, and laws of thermodynamics. Material and reaction equilibrium and standard thermodynamic functions. Single and multi-component phase equilibria, **kinetic-molecular theory, transport processes**, reaction kinetics. Analytical applications of physical chemistry emphasized through lab investigations.

Effective Term: Fall 2013

4. Modify the following course

~~CHEM 3402 PHYSICAL CHEMISTRY-II~~ **Physical Chemistry: Quantum Mechanics and Spectroscopy** 3-4-4

Prerequisite: ~~CHEM 3401 (minimum grade of C)~~ **CHEM 2300 (minimum grade of C)**

Prerequisite or Corequisite: PHYS 1112K or PHYS 2212K and MATH 2072

~~Continuation of CHEM 3401. Kinetic-molecular theory, transport processes,~~ Quantum mechanics, theories of atomic/molecular structure, spectroscopy, photochemistry, **group theory applied to spectroscopy**. Analytical applications of physical chemistry emphasized through lab investigations.

Effective Term: Fall 2013

Rationale: The courses are being split as their content is not dependent on each other. This will allow students to take them in either order. Having a strong math background is required for doing well in either of the courses, therefore a C or better

requirement has been added for MATH 1161. MATH 2072 has been added to CHEM 3402 due to the discrepancy between the math requirements for the course and the math used in the course. This course is required for the BS and not the BA, this raises the Math requirement for the BS to MATH 2072, which brings Armstrong in line with many of our peers. In addition, 9 regional graduate schools (CU, USC, UGA, GT, UNC, NCSU, UF, USF, and AU) were contacted and asked what their math requirement is, two said calculus II was a minimum, all said they like to see at least calculus II (even if there was no official requirement).

5. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

B. Major Field Courses39 hours

CHEM 2101/2101L - Organic Chemistry I

CHEM 2102/2102L - Organic Chemistry II

CHEM 2300 - Principles of Chemical Analysis

CHEM 3200 - Inorganic Chemistry

CHEM 3300 - Instrumental Analysis

~~CHEM 3401 - Physical Chemistry I~~

~~CHEM 3402 - Physical Chemistry II~~

CHEM 3401 - Physical Chemistry: Thermodynamics and Kinetics

CHEM 3402 - Physical Chemistry: Quantum Mechanics and Spectroscopy

CHEM 4500 - Chemistry Seminar

9 hours from:

CHEM 3801, 3802, 3803, 4100, 4200, 4300, 4400, 4600, 4940, 4950, with a maximum 2 hours total from: CHEM 3900, 4960, 4991

C. Related Field Course4 hours

MATH 2072 - Calculus II

D. Electives~~21 hours~~17 hours

14 hours of upper-division courses

7 3 hours of free electives

Effective Term: Fall 2013

6. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS IN CHEMISTRY

Track I: Chemistry

B. Major Field Courses33 hours

Required (20 Hours)

CHEM 2101/2101L - Organic Chemistry I

CHEM 2102/2102L - Organic Chemistry II

CHEM 2300 - Principles of Chemical Analysis

CHEM 3200 - Inorganic Chemistry

~~CHEM 3401 - Physical Chemistry I~~

CHEM 3401 - Physical Chemistry: Thermodynamics and Kinetics

Approved upper-division electives (13 hours) in the major from:

CHEM 3300 - Instrumental Analysis

~~CHEM 3402 - Physical Chemistry II~~

CHEM 3402 - Physical Chemistry: Quantum Mechanics and Spectroscopy

CHEM 3801 - Biochemistry I

CHEM 3802 - Biochemistry II

CHEM 3803 - Biochemistry Laboratory

CHEM 4100 - Advanced Topics in Organic Chemistry

CHEM 4200 - Advanced Topics in Inorganic Chemistry

CHEM 4300 - Advanced Topics in Analytical Chemistry

CHEM 4400 - Advanced Topics in Physical Chemistry

CHEM 4500 - Chemistry Seminar

CHEM 4600 - Advanced Topics in Interdisciplinary Chemistry

CHEM 4940 - Special Topics in Chemistry

CHEM 4950 - Special Lecture Topics in Chemistry

with a maximum 3 hours total from:

CHEM 3900 - Chemical Research

CHEM 4960 - Internship

CHEM 4991 - Advanced Chemical Research

Transfer credit for similar courses

Track II: Biochemistry

B. Major Field Courses33 hours

Required (30 Hours)

CHEM 2101/2101L - Organic Chemistry I

CHEM 2102/2102L - Organic Chemistry II

CHEM 2300 - Principles of Chemical Analysis

CHEM 3200 - Inorganic Chemistry

CHEM 3300 Instrumental Analysis

~~CHEM 3401 - Physical Chemistry I~~

CHEM 3401 - Physical Chemistry: Thermodynamics and Kinetics

CHEM 3801 - Biochemistry I

CHEM 3802 - Biochemistry II

CHEM 3803 - Biochemistry Laboratory

Approved upper-division electives (3 hours) in the major from:

~~CHEM 3402 - Physical Chemistry II~~

CHEM 3402 - Physical Chemistry: Quantum Mechanics and Spectroscopy

CHEM 3900 - Chemical Research - Biochemistry Approved

CHEM 4100 - Advanced Topics in Organic Chemistry

CHEM 4200 - Advanced Topics in Inorganic Chemistry

CHEM 4300 - Advanced Topics in Analytical Chemistry - Biochemistry Approved

CHEM 4400 - Advanced Topics in Physical Chemistry - Biochemistry Approved

CHEM 4600 - Advanced Topics in Interdisciplinary Chemistry - Biochemistry Approved
 CHEM 4940 - Special Topics in Chemistry - Biochemistry Approved
 CHEM 4950 - Special Lecture Topics in Chemistry - Biochemistry Approved
 CHEM 4960 - Internship - Biochemistry Approved
 CHEM 4991 - Advanced Chemical Research - Biochemistry Approved
 Transfer credit for similar courses

Effective Term: Fall 2013

7. Modify the following program of study:

PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY WITH
 AMERICAN CHEMICAL SOCIETY CERTIFICATION

B. Major Field Courses42 hours

CHEM 2101/2101L - Organic Chemistry I

CHEM 2102/2102L - Organic Chemistry II

CHEM 2300 - Principles of Chemical Analysis

CHEM 3200 - Inorganic Chemistry

CHEM 3300 - Instrumental Analysis

~~CHEM 3401 - Physical Chemistry I~~

~~CHEM 3402 - Physical Chemistry II~~

CHEM 3401 - Physical Chemistry: Thermodynamics and Kinetics

CHEM 3402 - Physical Chemistry: Quantum Mechanics and Spectroscopy

CHEM 3801 - Biochemistry I

CHEM 4500 - Chemistry Seminar

CHEM 4991 - Advanced Chemical Research (3 hours)

Three courses from:

CHEM 4100 - Advanced Topics in Organic Chemistry

CHEM 4200 - Advanced Topics in Inorganic Chemistry

CHEM 4300 - Advanced Topics in Analytical Chemistry

CHEM 4400 - Advanced Topics in Physical Chemistry

CHEM 4600 - Advanced Topics in Interdisciplinary Chemistry

Effective Term: Fall 2013

C. Computer Science and Information Technology (no items)

D. Engineering Studies (no items)

E. Mathematics (no items)

F. Psychology (no items)

OTHER BUSINESS

A. Armstrong Regent's Test Exemption Approval (See Attachment 1)

B. SACS BOR Notifications for programs with significant online components John Kraft

C. Blanket Handling of Changes Rick McGrath

ADJOURNMENT



**BOARD OF REGENTS OF
THE UNIVERSITY SYSTEM OF GEORGIA**

DR. VIRGINIA J. MICHELICH
ASSOCIATE VICE CHANCELLOR FOR STUDENT ACHIEVEMENT
ACADEMIC AFFAIRS
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VIRGINIA.MICHELICH@USG.EDU

Monday, February 13, 2012

Dear President Bleicken:

After reviewing the unanimous recommendation of the Regents' Test Exemption Advisory Committee and consulting with Regent Kessel Stelling, Jr. and Chancellor Huckaby, I am pleased to inform you that Armstrong Atlantic State University's application for exemption from the Regents' Test has been approved. The exemption is effective immediately.

The reviewers noted that Armstrong's student performance profile compares favorably with other institutions in its sector. Approximately 45 percent of its entering students are exempt from the Regents' Reading requirement, while 31 percent are exempt from the Writing requirement. AASU's COMPASS exit requirements for LS Reading and Writing exceed the System minimums. First-time pass rates on both parts of the Regents' Test have been historically solid.

AASU's Communications Learning Outcomes and related assessment measures are consistent with the performance standards found in Area A1 of the University System's Core Curriculum and reflect expectations normally associated with college-level reading and writing skills. These expectations are also evident in the university's ENGL 1101-1102 sample syllabi. All of Armstrong's English faculty are expected to regularly teach 1101 and 1102; they meet frequently to ensure that common standards are applied in each section of these courses.

Beginning in Fall 2011, AASU implemented a program to identify and provide remediation for students having difficulty in ENGL 1101 and 1102. Using diagnostic measures designed by the faculty, these students are identified and required to complete individualized remediation programs through the institution's Writing Center. This diagnostic-remediation mechanism will enable targeted students to more efficiently reach the required reading comprehension and writing performance standards, thus providing a safety net for those who need extra work.

If you have any further questions about the exemption, please feel free to contact me.

Sincerely,

Virginia J. Michelich
Associate Vice Chancellor for Student Achievement