Armstrong Atlantic State University
Minutes of the College of Arts and Sciences Curriculum Committee Meeting
Monday, November 05, 2001

The meeting was called to order at 12:10 p.m., Monday November 05, 2001 in Victor 101. The names of those present are shown in bold: Scott Buchanan, Art, Music, Theater; Judy Awong-Taylor, Biology; Leon Jaynes, Chemistry, Physics; Chuck Shipley, Computer Science; John Kearnes, Criminal Justice, Social and Political Science; Richard McGrath, Economics; Dick Nordquist, General Studies, June Hopkins, History; Carol Jamison, Languages, Literature, & Philosophy; Selwyn Hollis, Mathematics; James Handley, Military Science; Steve Taylor, Psychology. Chuck Shipley and Dick Nordquist had reported conflicting meetings

Order of Business:

I. Minutes of the meeting of October 01, 2001 were approved.

II. From the Department of Biology.

   A. The motion was approved to delete BIOL 4650 Physiological Ecology 3-3-4 (effective Spring 2002) and add BIOL 4565 Physiological Ecology 3-0-3

   BIOL 4565 Physiological Ecology 3–0–3
   Prerequisite: BIOL 1108, 2020, and 2500
   Responses and adaptations at the organismal level, especially animal, to biotic and abiotic environmental variables, primarily heat, light, and water.

   CURCAT: Effective Spring 2002
   Cross-listed Courses: none
   Repeatable: no
   Grading: normal/audit
   Instruction Type: lecture
   Equiv. Course: no

   Rationale: BIOL 4650 has not been offered in a number of years. The department is now in a position to offer the content but without the lab, as BIOL 4565.

   B. The motion was approved to change the course number of BIOL 2210 to 2275 and change the prerequisite by adding BIOL 2081. The new listing will be as follows:

   BIOL 2275 Microorganisms and Disease
   Prerequisite: BIOL 2081 and BIOL 2082

   CURCAT: Effective Fall 2002
   Equivalent Course: BIOL 2210

   C. The modified program for the B. S. in Biology with Teacher Certification was approved

   A. General Requirements
   Core Areas A, B, C, D, and E ................................................................. 42 hours
   Biology majors are required to take MATH 1113 in core area A and
   MATH 2200 in core area D
   Area F ................................................................................................. 18 hours
   BIOL 1107 – Principles of Biology I
   BIOL 1108 – Survey of the Animal Kingdom
   BIOL 2500 – Modern Biology
   CHEM 1211/1211L, 1212/1212L – Principles of Chemistry I, II (unless taken to satisfy Area D, in which case Biology 2010 and 2020 must be substituted)
   Physical Education ............................................................................. 3 hours

   B. Major Field Courses ............................................................... 38 hours
   BIOL 2010 – Microbiology (If used to satisfy area F, add a four credit hour elective from biology.)
   BIOL 2020 – Plantae and Fungi (If used to satisfy area F, add a four credit hour elective from biology.)
   BIOL 3000 – Cell Biology
   BIOL 3010 – Modern Biology lab
   BIOL 3700 – Genetics
   BIOL 4200 – Vertebrate Physiology
   BIOL 4700 – Ecology
BIOL 4800 – Seminar
Total of 13 credit hours from categories 1-4, with at least one 3 credit hour course from each of categories 1-3.

**Category 1: Cell/Molecular/Physiology**
- BIOL 3510 - Bacteriology
- BIOL 3520 – Medical Microbiology
- BIOL 3530 – Immunology and Serology
- BIOL 4000 – Cellular Physiology
- BIOL 4090 – Molecular Genetics
- BIOL 4300 – Microbial Physiology
- BIOL 4310 – Applied Microbiology
- IOL 4400 – Virology
- BIOL 4510 – Principles of Development

**Category 2: Organismal/Ecology**
- BIOL 3300 – Entomology
- BIOL 3310 – Invertebrate Zoology
- BIOL 3750 – Natural History of Vertebrates
- BIOL 3770 – Developmental and Comparative Anatomy of Vertebrates
- BIOL 3920 – Parasitology
- BIOL 4010 – Evolution
- BIOL 4550 – Marine Organisms
- BIOL 4565 – Physiological Ecology

**Category 3: Botany**
- BIOL 3150 – Horticulture
- BIOL 3200 – Flowering Plants
- BIOL 3230 – Anatomy of Seed Plants
- BIOL 4150 – Plant Physiology
- BIOL 4450 – Morphology of Vascular Plants

**Category 4: Others**
- BIOL 3400 – Human Physiology
- BIOL 3410 – Nutrition
- BIOL 3580 – Histological Technique
- BIOL 3870 – Animal Histology
- BIOL 4210 – Comparative Physiology
- BIOL 4220 – Endocrinology
- BIOL 4910/20 – Research I and II (only one research course may be counted as an elective)
- BIOL 4950/60 – Internship I and II (only one internship may be counted as a major elective)
- BIOL 4970 – Special Topics (with permission of department head)

**C. Related field Courses**
- CHEM 2101/2101L – Organic Chemistry I

**D. Education Courses**
- MGSE 2000 The Professional Educator
- MGSE 2150 Adolescent Growth and Development
- MGSE 3050 Sec School Curriculum and Methods, General
- MGSE 3351 Sec School Curriculum and Methods, Science
- MGSE 4090 Classroom Management
- SPED 5100U Students with Disabilities
- MGSE 4750 Student Teaching and Seminar (9 hours)

**Total Semester Hours**: 132 hours

**E. Regents’ Test and Exit Exam**

**III. From the Department of Chemistry and Physics.**

**A. The modified PROGRAM FOR THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY with Teacher Certification was approved**

**A. General Requirements**

**Core Areas A, B, C, D, and E**
- CHEM 1113 in Core Area A and MATH 1161 in Core Area D

**Area F**
- CHEM 1211, 1211L/1212, 1212L – Principles of Chemistry I, II (unless taken to satisfy Area D, in which case replace with 8 hours of lower division electives)

Choose one sequence from:
PHYS 1111/1111L – Introductory Physics I and
PHYS 1112/1112L – Introductory Physics II or
PHYS 2211/2211L – Principles of Physics I and
PHYS 2212/2212L – Principles of Physics II

One hour excess for MATH 1161 from Core Area D
One hour of MGSE 2000

Physical Education........................................................................................................3 hours

B. Major Field Courses...............................................................................................38 hours
CHEM 2101/2101L – Organic Chemistry I
CHEM 2102/2102L – Organic Chemistry II
CHEM 2300 – Chemical Analysis
CHEM 3200/3200L – Inorganic Chemistry
CHEM 3300 – Instrumental Analysis
CHEM 3401 – Physical Chemistry I
CHEM 3402 – Physical Chemistry II
CHEM 5500U – Chemistry Seminar
CHEM 3801 – Biochemistry I

One course from:
CHEM 4100 – Advanced Organic Chemistry
CHEM 4200 – Advanced Inorganic Chemistry
CHEM 4300 – Advanced Instrumental Analysis

Two credit hours from:
CHEM 2700, 3801, 3802, 3900, 4100, 4200, 4300, 4940, 4960, or 4991/2/3/4

C. Related Field Course...............................................................................................3 hours
ENGL 3720 – Business and Technical Communication

D. Education Courses..................................................................................................26 hours
MGSE 2000 The Professional Educator (1 hour applied in Core Area F, 2 hours apply here)
MGSE 2150 Adolescent Growth and Development
MGSE 3050 Secondary School Curriculum and Methods, General
MGSE 4472 Secondary School Curriculum and Methods, Science
MGSE 4090 Classroom Management
SPED 5100U Students with Disabilities
MGSE 4750 Student Teaching and Seminar (9 hours)

Total Semester Hours.................................................................................................130 hours

E. Regents Test and Exit Exam

B. The following was approved – Change prerequisite for PHYS 1111 Introductory Physics I from MATH 1113 to MATH 1113 with a grade of “C” or better.

CURCAT: Effective Fall 2002 No other changes

Rationale: Performance in PHYS 1111 has noticeably declined over the past few years. A review of transcripts for students in PHYS 1111 has shown an increase in the number of students that have made D’s in MATH 1113. It is the opinion of the department that students who do not make at least a “C” in MATH 1113 have not mastered the prerequisite material well enough to be successful in PHYS 1111.

IV. The modified PROGRAM FOR THE DEGREE OF BACHELOR OF ARTS IN ENGLISH with Teacher Certification (the current program is listed on p. 102-3 AASU 2000-01 Catalog) was approved

A. General Requirements
Core Area A, B, C, D, and E.................................................................42 hours
Area F......................................................................................................18 hours
ENGL 2100 Literature and Humanities (if taken in area C, substitute one course from ENGL 2111-2132)
MGSE 2000 The Professional Educator
MGSE 4090 Class Management
Foreign Language 1002 Elementary Language II
Foreign Language 2001 Intermediate Language I
Foreign Language 2002 Intermediate Language II
Physical Education ................................................................. 3 hours

B. Major Field Courses ........................................................... 39 hours
ENGL 3010 – Introduction to Literary Studies
ENGL 3020 – Introduction to Composition Studies
Four courses to include World, British, and American selected from
  ENGL 2111 - World Literature I
  ENGL 2112 - World Literature II
  ENGL 2121 - British Literature I
  ENGL 2122 - British Literature II
  ENGL 2131 - American Literature I
  ENGL 2132 - American Literature II
One course selected from
  ENGL 5400U - British Poetry
  ENGL 5410U - British Novel
  ENGL 5440U - Early English Literature
  ENGL 5470U - 17th Century British Poetry and Prose
  ENGL 5500U - 18th Century British Poetry and Prose
  ENGL 5520U - 19th Century British Poetry and Prose I
  ENGL 5530U - 19th Century British Poetry and Prose II
  ENGL 5560U - British Drama I or ENGL 5570U – British Drama II
One course selected from
  ENGL 5360U - American Novel
  ENGL 5370U - American Poetry
  ENGL 5380U - Southern Literature
  ENGL 5540U – Modernism
  ENGL 5550U - Contemporary Literature
One course selected from
  ENGL 4200U - Post Colonial Literature
  ENGL 5340U - Literature by Women
  ENGL 5350U - African American Literature
One course selected from
  ENGL 5350U - Advanced Grammar
  ENGL 5820U - History of the English Language
One course selected from
  ENGL 3720 - Business and Technical Communication
  ENGL 4700 - Advanced Composition
  ENGL 5730U – Rhetoric
One course selected from
  FILM 3360 – Critical Approaches to Mass Culture
  FILM 3400 – History of Film
  FILM 3490 – Television Theory and Criticism
  FILM 3500 – Introduction to Film
  FILM 3510 – Film and Literature
  FILM 5010U – Topics in Film
  FILM 5020U – Film Theory and Criticism
One course selected from
  ENGL 5450U – Shakespeare I
  ENGL 5460U – Shakespeare II

C. Related Field Courses ........................................................... 30 hrs.
COMM 2280  Speech Communication
MGSE 2200 Middle School Practice and Theory I
MGSE 3050 Sec. Curriculum & Methods, General
MGSE 4280 Teaching Literacy
MGSE 4392 Sec. Curriculum & Methods, English
SPED 5100U – Educ Students with Disability
MGSE 4180 – Young Adult Literature
MGSE 4750 – Student Teaching (9 hrs.)

Total Semester Hours ...............................................................132

D. Regents’ Test and Exit Exam

V. From the Department f Economics

A. A motion to Add ECON 4100 was approved
ECON 4100 Financial Economics: Portfolio Analysis 3-0-3
Prerequisites: ECON 2105, ECON 2106, MATH 2200
Study of the pricing of financial assets such as stocks and bonds, the characteristics of portfolios of financial assets, and the efficiency of financial markets. Practical applications of financial economics principles to the construction and management of portfolios of assets.

CURCAT: Effective Fall 2002  Cross-listed Courses: none  Equiv. Course: none
Grading: normal/audit  Instruction Type: lecture  Repeatable: no

Rationale: Course will be a valuable addition to the major.

B. It was approved to list ECON 4100 as a choice in the Program for the Degree B. A. in Economics under Major Field Courses/Applied (p. 98-99 of AASU 2001-02 Catalog)

The meeting was adjourned at 12:40 PM.