

CENTRAL CONNECTICUT STATE UNIVERSITY

Senate Motion Number FS-10-20-2-M

University Senate Motion

TO: President Robert N. Aebersold  
FROM: President of the University Senate

- The attached motion of the University Senate, dealing with Curriculum is presented to you for your consideration. Two additional copies are included for your use.
- This motion was adopted by the University Senate on 10-20-2004
- After considering this motion, please indicate your action on this form, and return it together with the original copy to the President of the University Senate.
- Under the By-Laws of the University Senate, Section 3.8, the following schedule of action is to be observed.
  - By 10-29-04, Senate action reported to the President of University.  
(Date)  
(Within five school days of the session in which they are adopted).
  - By 11-3-04, President of the University to return the motion to the President of the Senate. (Within 10 school days of its receipt).

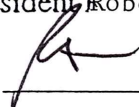
10-29-04  
(Date)

James V. Cronin  
President, University Senate

ENDORSEMENT:

TO: President of the University Senate

FROM: President Robert N. Aebersold

- Motion Approved 
- Motion Disapproved \_\_\_\_\_  
(Explanatory statement must be appended)
- Action "is deferred" \_\_\_\_\_
- Resolution Noted \_\_\_\_\_
- Other \_\_\_\_\_

\_\_\_\_\_  
Date

Robert N. Aebersold  
President  
11-2-04

CurriculumCommittee Report: Chair of the Committee, Chris Pudlinski provided an overview ( [www.ccsu.edu/curriculum/senate\\_reports/04\\_05/oct.html](http://www.ccsu.edu/curriculum/senate_reports/04_05/oct.html) )

Department of Physical Education - increase of credits in courses  
Motion to approve - Unanimous

Department of Biological Sciences - clarifying pre-requisites, changes of names and impact on programs. There are no changes in the major, only additional electives for a

Biological Sciences major and there is some cross- listing with Department of Biomolecular Sciences

Motion to approve - 2 abstentions

Intensive English Language Program - IELP 205

Motion to approve - Unanimous

Designator CHE for Consortium courses to read "CHE/Institutions's designator"

Motion to approve - Unanimous

# OCTOBER SENATE REPORT

*This report was passed by the Faculty Senate at its October 18, 2004 meeting.*

(Unless otherwise noted, course additions/changes/deletions take effect in Summer/Fall 2005; program changes/additions take effect for Spring 2005. *New wording for course and program changes is noted in italics.*)

## 2. Department of Physical Education and Health Fitness Studies

### a. Course Addition of PE398, Exercise for Special Populations.

Prerequisites: PE 214 and PE 375 (both with C- or higher). Designed to modify exercise programs and to provide all individuals the opportunity to participate in physical activity programs. Emphasis is on obesity, cardiac conditions, diabetes, physical disabilities, asthma, and women who are pregnant. Spring. 3 credits.

### b. Program Revision of Athletic Training, .

Change total number of credit hours from: 63 to: 66.

Lecture Courses: 51 credits

PE 110 Concepts in Physical Fitness

PE 112 Introduction to Athletic Training

PE 210 Personal and Community Health

PE 213 Anatomy in Physical Education

PE 214 Physiology in Physical Education

PE 216 Kinesiology

PE 217 Care and Treatment of Athletic Injuries

PE 218 Scientific Basis of Athletic Training

PE 307 Human Nutrition

PE 317 Therapeutics in Athletic Training

PE 332 Psychological Aspects of Sport

PE 398 Exercise for Special Populations

PE 413 Org. and Admin. in Athletic Training

PE 414 Physiology of Sport and Exercise

PE 415 Fitness Assessment and Exercise Prescription

PE 421 Pharmacology in Sports Medicine

PE 440 Therapeutic Modalities

IT 380 Emergency Medical Technician

Skill and Practicum Courses: 15 credits

PE 375 Training for Fitness

PE 315 Practicum in Athletic Training I

PE 316 Practicum in Athletic Training II

PE 319 Practicum in Athletic Training III

PE 445 Internship in Athletic Training

(This deletes PE410 and adds PE398 and PE414.)

c. Program Revision of Exercise Science and Health Promotion, .

Change total number of credit hours from: 63 to: 64.

Lecture Courses: 59 credits

PE 110 Concepts in Physical Fitness

PE 113 Introduction to Exercise Science

PE 210 Personal and Community Health

PE 213 Anatomy in Physical Education

PE 214 Physiology in Physical Education

PE 216 Kinesiology

PE 217 Care and Treatment of Athletic Injuries

PE 307 Human Nutrition

PE 311 Stress Management

PE 380 Leadership in Exercise and Wellness

PE 383 Recreation and Physical Activity for the Aging (or PE215)

PE 398 Exercise for Special Populations

PE 411 Org. and Mgmt. of Health Promotion Programs

PE 412 Application of Tort Law to Physical Activity

PE 414 Physiology of Sport and Exercise

PE 415 Fitness Assessment and Exercise Prescription

PE 421 Pharmacology in Sports Med.

PE 425 Implementation and Eval. of Health Promotion Programs

PE 450 Practicum in Exercise Science

PE 470 Internship in Exercise Science and Health Promotion

Skill Courses: 5 credits

PE 201 Teaching Aerobics

PE 375 Training for Fitness

(This deletes PE410, PE403, REC232 or REC233. It adds PE383, PE398 and PE414.)

### **3. Department of Biological Sciences.**

#### a. Course Addition of BIO200, General Biology III.

Prerequisites: BIO 121 and BIO 122. A survey of prokaryotic and eukaryotic cells as classified into Bacteria, Archaea, and Eukarya Domains with an overview of structure and function. Special attention to the evolution of tissues, cells, and organelles. Also, a review of animal behavior and basic ecological principles. Three hours of lecture and one three-hour laboratory per week. 4 credits.

#### b. Course Addition of BIO290, Biology Research Experience I.

Prerequisites: MATH 101 (or math placement exam) and BIO 122. Introduction to research design and the analysis, interpretation, and presentation of biological data. Includes lectures, seminars, and computer laboratory. [c] 1 credit.

#### c. Course Addition of BIO315, Microbial Ecology.

Prerequisites: BIO 200 (or permission of instructor) and CHEM 121. Ecology and biodiversity of aquatic and terrestrial microbes. Laboratories deal with microbial distribution, ecosystem function, and methods of studying microbes in the environment. Three hours of lecture and one three hour laboratory per week. Fall. [c] 4 credits.

d. Course Revision of BIO321, Invertebrate Zoology.

Change prerequisites to: BIO200 or permission of department chair.

Change title to: Marine Invertebrate Biology.

Change description to: Evolutionary relationships and morphological, physiological, developmental, and ecological variation within and among taxonomic groups of marine invertebrates. Three hours of lecture and one three-hour laboratory per week.

(Delete "No credit given to those with credit for BIO 221.")

e. Course Revision of BIO322, Vertebrate Zoology.

Change prerequisites to: BIO200 or permission of department chair.

ee. Course Revision of BIO326, Non-Vascular Plants and Fungi

Change prerequisites to: BIO200 or permission of department chair.

ee. Course Revision of BIO327, Vascular Plants.

Change prerequisites to: BIO200 or permission of department chair.

f. Course Revision of BIO390, Special Problems in Biology.

Change title to: Biology Research Experience II.

Change prerequisites to: BIO290, or permission of instructor and department chair.

g. Course Revision of BIO401, Human Nutrition and Metabolism.

Change prerequisites to: BIO 200 and BIO 290, or permission of department chair.

h. Course Revision of BIO405, Ecology.

Change prerequisites to: BIO 200 and BIO 290, or permission of department chair) and CHEM 122.

i. Course Revision of BIO410, Ecological Physiology.

Change prerequisites to: BIO 200 and BIO 290 (or permission of department chair) and (CHEM 250 or CHEM 311).

j. Course Revision of BIO420, Ornithology.

Change prerequisites to: BIO 200 and BIO 290, or permission of department chair.

k. Course Revision of BIO425, Aquatic Plant Biology.

Change prerequisites to: BIO 200 and BIO 290, or permission of department chair.

l. Course Revision of BIO434, Ecology of Inland Waters and Estuaries.

Change prerequisites to: BIO 200 and BIO 290 (or permission of department chair) and CHEM122.

Change title to: Ecology of Inland Waters.

Change cycling to: Fall (odd).

Change description to: *A comparison of lotic and lentic freshwater environments*, with emphasis on physical and chemical parameters influencing the distribution of aquatic organisms, nutrient cycling, and factors affecting aquatic productivity. Three hours of lecture and one three-hour laboratory per week. Some Saturday field trips required.

m. Course Revision of BIO436, Environmental Resources and Management.

Change prerequisites to: BIO 200 and BIO 290 (or permission of department chair) and CHEM122.

n. Course Revision of BIO438, Aquatic Pollution.

Change prerequisites to: BIO 200 and BIO 290 (or permission of department chair) and CHEM122.

Add to end of course description: Some Saturday field trips required.

Change cycling to: Spring (odd).

o. Course Revision of BIO440, Evolution.

Change prerequisites to: BIO 200 and BIO 290, or permission of department chair.

oo. Course Revision of BIO444, Plant Taxonomy.

Change prerequisites to: BIO 200 and BIO 290, or permission of department chair.

oo. Course Revision of BIO449, Plant Physiology.

Change prerequisites to: BIO 200 and BIO 290, or permission of department chair.

oo. Course Revision of BIO481, Comparative Vertebrate Anatomy.

Change prerequisites to: BIO 200 and BIO 290, or permission of department chair.

p. Course Revision of BIO480, Animal Behavior.

Change prerequisites to: BIO 200 and BIO 290, or permission of department chair.

q. Course Revision of BIO490, Topics in Biology.

Change prerequisites to: BIO 200 and BIO 290, or permission of department chair; junior status required.

r. Program Revision of B.S. Specialization: Ecology, Biodiversity, and Evolutionary Biology,

The B.S. Biology (non-teaching): Specialization in Ecology, Biodiversity, and Evolutionary Biology (E/B/E) requires a minimum of 32 cr. in Biology including BIO 121, 122, 200, 290, 390 or 391, one course from the Biodiversity course group (i.e. BIO. 315, 321, 322, 326, 327, 420, 425, 444, or 468), one course from the Ecology/Evolution course group (i.e. BIO 405, 434, 440, or 480), and 5-8 cr. from any of the following courses: BIO 321, 322, 326, 327, 405, 410, 420, 425, 434, 436, 438, 440, 468, 480, 481, 490, 491, and 499 . In addition, the student must take CHEM 121, 122, 311, 312; MATH 124, or MATH 115 and 125; and PHYS 121, 122.

s. Program Revision of B.S. Biology (non-teaching) General Biology, .

Core (14-16 credits): BIO 121, 122, 200, 290 and either 390 or 391; *plus 16-18 credits of any other 200-level or higher BIO or BMS courses. Other electives may be approved at the discretion of the department chair.* In addition, MATH 124, or MATH 125 and 115; CHEM 121, 122, 311, 312; and PHYS 121, 122 are also required.

Add to curriculum sheets: (Please note upper-level BMS courses require BMS201, which can count as an elective to the General Biology major.)

t. Program Revision of B.S. in Biology (certifiable for secondary teaching), .

BIO 121, 122, 200, 290, 390;

one of BIO 321, 322, 420, 481;

one of BIO 326, 327, 425, 444;

one of *BIO 315*, BMS 306 or BMS 316;

one of BIO 318, 319, 410, 412/413, 449/450;

additional 200-level or higher BIO and/or BMS electives to complete 37 credits in the major.

At least one course in BIO must be at the 400 level.

In addition, MATH 124, or MATH 125 and 115; CHEM 121, 122, 250; PHYS 121, 122; and Professional Education courses EDTE 316, EDF 415, SPED 315, EDSC 425, 435, SCI 416, 417, 419, and RDG 440 are required.

(This deletes “either BIO405 or BMS311” and “BMS201 and BIO202.”)

Add to curriculum sheets: (Please note upper-level BMS courses require BMS201, which can count as an elective to the Biology major.)



u. Program Revision of B.S. Specialization in Environmental Science, .

28–32 total credits in Biology required.

Core (14-16 credits), BIO 121, 122, 200, 290 and either 390 or 391;

plus 14–16 credits as follows:

either BIO 436 or 438;

one of BIO 315, 321, 322, 326, 327, 420, 425, 444;

one of BIO 410, 412/413, 449/450;

either BIO 405 or 434.

In addition, MATH 124, or MATH 125 and 115; CHEM 121, 122, 301, 311, 312 and 406; either ESCI 121/123 or 450; and PHYS 121 and 122 are also required.

(This also deletes BMS311 and BMS316 as options in this major.)

**5. Intensive English Language Program.** Course addition: IELP 205 English for Specific Purposes.

Special purpose course designed to meet the needs of selected groups of non-native English speakers. Focuses on developing communicative competence in a specific field or workplace environment. May be repeated. On demand. 1-3 credits.

**6. Creation of designator (CON) for Consortium courses** in Classical and Modern Languages, Religious Studies, Urban Studies and Women's Studies:

a. We recommend that the course designator be “CHE/other institution’s designator”. For example: CHE/LATN. (CHE stands for Consortium for Higher education)

We also propose the addition of two items (noted in italics) to the existing catalog:

b. (p. 41) Under Skill Area III, condition (b): “Elementary proficiency as demonstrated by successfully completing a second-semester-level CCSU foreign language course (112), *or the equivalent at another institution.*”

c. (p. 92) Add to the end of the first paragraph under Hartford Consortium for Higher Education section: “*Use of Consortium courses for meeting General Education requirements will be considered on a case-by-case basis.*”