

UNIVERSITY OF CONNECTICUT
COLLEGE OF LIBERAL ARTS AND SCIENCES
COMMITTEE ON CURRICULA AND COURSES

Minutes Regular meeting, March 27, 2001

Dodd Center, Room 162, 3:30 pm

(Revised and approved, May 8, 2001)

Note that actions take effect on approval unless otherwise noted in the minutes.

Members present: John Breen (Journalism), Jocelyn Linnekin (Anthropology), Jane Knox (Chemistry), Veronica Makowsky (CLAS), Jack Manning (English), Frank Costigliola (History), Harry van der Hulst (Linguistics), James O'Donnell (Marine Sciences), Gerald Leibowitz (Math), Thomas Bontly (Philosophy), William Hines (Physics), Robert Henning (Psychology), Arnold Dashefsky (Sociology).

1. -- Professor O'Donnell called the meeting to order at 3:39 p.m.
2. -- The minutes of the meeting of Feb. 13, 2001 were approved with the following correction: Under Item d, the English prerequisites should read "English 105, or either English 110 or 111;" "English 109, or either English 110 or 111;" "English 105 and 109, or either English 110 or 111."

3. -- Under old business:

The committee approved [Item 2001-69](#) , Psyc 2XX, Psychology of Consciousness.

Approved catalog Copy

Psyc 2XX, Psychology of Consciousness. First semester. Three credits.

The role of consciousness in human cognition is examined by comparing the conscious and unconscious operation of mental faculties including perception, memory, learning, and thought.

The committee then amended and approved Item [2001-81](#), a change in the Molecular and Cell Biology major.

Approved catalog copy.

As before, except for new text following "Prerequisite Courses", as follows:

Courses required for the major: at least 24 credits in Biology: MCB courses, including:

Group 1: At least 3 of the following core courses

MCB 200, "Human Genetics". (Note: MCB 213, "Concepts of Genetic Analysis", may be substituted for MCB 200)

MCB 204, "Biochemistry".

MCB 210, "Cell Biology"

MCB 229, "Fundamentals of Microbiology"

Group 2: Chemistry 243 and 244: "Organic Chemistry"

Group 3: Laboratory requirement: At least 3 laboratory courses chosen from the following list:

MCB 203: "Introduction to Biochemistry".

MCB 204: "Biochemistry".

MCB 213: "Concepts of Genetic Analysis"

MCB 214: "Experiments in DNA identification"

MCB 215: "Experiments in Molecular Genetics"

MCB 226: "Advanced Biochemistry Laboratory"

MCB 229: "Fundamentals of Microbiology"

MCB 233: "Pathogenic Microbiology"

MCB 235: Applied Microbiology"

MCB 240W: "Bacterial Diversity and Ecology"

MCB 299: "Independent Study" (may be repeated, but only 3 credits may count toward the 24 credits of required MCB courses)

Suggested Related Courses (as before, no changes)

The committee then approved Item [2001-82](#), a change in MCB Introduction to Biochemistry.

Approved catalog copy

MCB 203. Introduction to Biochemistry. Either semester. Four credits. Three class periods and one 3-hour laboratory period. Prerequisite: CHEM 141 or 244. (CHEM 244 may also be corequisite.) Open to sophomores. Not open for credit to students who have passed MCB 204.

The structure, chemistry, and metabolism of carbohydrates, lipids and proteins. Enzyme function and kinetics, energy metabolism, and structure and function of nucleic acids. A survey course for students of agriculture, general biology, medical technology, nursing, and pharmacy. Molecular and Cell Biology majors, biophysics majors, and other students desiring a more intensive introduction or considering advanced course work in biochemistry or molecular biology should take MCB 204.

4. -- Under new business Prof. O'Donnell moved the following items (copies are attached to the agenda):

Item [2001-83](#) . Add Phys 3XY. Semiconductor Optical Devices.

An amendment to change the prerequisite from: "Prerequisite/required preparation: PHYS261Q and PHYS 273 or PHYS 377, which may be taken concurrently, or their

equivalent" to: "Prerequisite or corequisite: PHYS 261Q and either PHYS 273Q or 377, or consent of instructor."

The amendment was seconded and carried. Item 2001-83 then carried by voice vote.

Approved catalog copy

PHYS 3XY. Semiconductor Optical Devices. First semester. Three credits. Prerequisite or corequisite: PHYS 261Q and either PHYS 273Q or 377, or consent of instructor.

Semiconductor based optical devices such as lasers, amplifiers, modulators, and photodetectors, and their application to optical fiber transmission systems.

Item [2001-84](#) . Add PHYS 3YY.Semiconductor Physics. An amendment was moved and seconded to substitute the following wording in the prerequisite: "Prerequisite; either PHYS 273Q or PHYS377, or consent of the instructor. Prerequisite or corequisite: PHYS 323"

The amendment was seconded and carried. Item 2001-84 then carried by voice vote.

Approved catalog copy

PHYS 3YY. Semiconductor Physics. Second semester. Three credits. Prerequisite; either PHYS 273Q or PHYS 377, or consent of the instructor. Prerequisite or corequisite: PHYS 323.

Semiconductors and semiconductor devices. Band structure, phonon scattering, velocity-field relations, effects of doping and magnetic fields, optical and transport properties.

Item [2001-85](#), Change major in Linguistics and Psychology, was tabled pending an effective date and approvals.

Items [2001-86](#) through 89, for a minor in African Studies, were returned to African Studies with no action taken.

Item [2001-90](#), to add a minor in Neuroscience, was tabled for May meeting.

Item [2001-91](#), to add Ling335, Second Language Acquisition. Motion to approve was seconded with the catalog copy rewritten as follows: "Current research on theories of second language acquisition. Differences between first and second language development, including views on the availability of universal grammar. Linguistic input and the effect of age of immersion in a second language. Research methodologies and their validity will be discussed. Pedagogical implications derivable from this research will be addressed. Student research component."

Approved catalog copy

LING 335 Second Language Acquisition. Either semester. Three credits. Prerequisites: Linguistics 101 or Linguistics 202, or consent of instructor.

Current research on theories of second language acquisition. Differences between first and second language development, including views on the availability of universal grammar. Linguistic input and the effect of age of immersion in a second language. Research methodologies and their validity will be discussed. Pedagogical implications derivable from this research will be addressed. Student research component.

5. -- A motion to adjourn was seconded and carried at 5:36 p.m.

Respectfully submitted,

John Breen