

*College of Liberal Arts and Sciences  
Committee on Curricula and Courses*

Minutes for the meeting of October 28, 2003

Last revised: Tuesday, October 28, 2003

Chairman Thomas Terry called the meeting to order in room 162 of the Dodd Center at 3:33 PM.

Present were: Roy D'Andrade (ANTH), Carl David (CHEM), Kent Wells (EEB), Albert Fairbanks (ENGL), Alexander Vias (GEOG), Robert Thorson (GEOL), Wayne Worcester (JOURN) Jonathan Bobaljik (LING), Roger Travis (MCL), Gerald Leibowitz (MATH), Annelie Skoog (MARN), Thomas Terry (MCB & Committee Chair), George Rawitscher (PHYS), Jeff Ladewig (POLN), Robert Henning (PSYC), Arnold Dashefsky (SOC), Marita McComiskey (WS), and Veronica Makowsky (Associate Dean, CLAS).

Also present during part of the meeting as guests: Cynthia Peterson (PHYS), G. McManus (MARN), Beth Frenkel-Merenstein (IMJR) and Ed Benson (MCL)

**1. PRELIMINARIES**

- a. Jonathan Bobaljik appointed secretary for this meeting.
- b. Minutes of Oct. 121 2003 meeting approved as corrected
- c. Updates from the chair:

Update 1. As a result of a Senate action, the Q-readiness test will no longer be offered. This will require changes to catalogue copy. It was therefore moved that:

“The CLAS CC&C empowers the undergraduate catalogue editor, M. Buck, to excise all reference to the Q-readiness test from the 2004 catalogue, both in course listings and in general copy. Chair Terry is to notify department heads of this action, so that they may consider alternative phrasings where appropriate.”

This motion carried.

Update 2. The chair prepared a form for departmental use in changing multiple courses prior to GEOC submission. The form has been posted on the committee website.

- d. 298 courses approved by chair:

**2003-142 Add:** PHYSICS 298. Computational Physics. (for Spring 2004)

Approved catalogue copy:

**PHYSICS 298. Computational Physics.**

Two class periods and one 2-hour laboratory period. Prerequisite: PHYS 123 or 125 or 132 or 142 or 152 and MATH 211, any of which may be taken concurrently; or with consent of the instructor. Open to sophomores.

A basic introduction to numerical and mathematical methods required for the solution of physics problems using currently available scientific software for computation and graphics.

## **2. UNFINISHED BUSINESS**

a. Course proposals postponed from Oct. 21 agenda to allow further possible revisions.

Edited versions of Proposals 2003-118, 2003-119 were submitted by Prof. Liebowitz.

**2003-118 Change Major:** Mathematics. Approved.

Nature of Change:

- (i) Require Mathematics 227 for the B.A. and B.S. in MATH ;
  - (ii) Add MATH 232 to the existing lists of courses from which students may choose;
  - (iii) Require one advanced course chosen from a new list for the B.A. and B.S. in MATH.
- approved catalogue copy:

### Mathematics

The Mathematics Department offers programs of study in Mathematics, Applied Mathematical Sciences, Actuarial Science (in cooperation with the School of Business), and Mathematical Statistics (in cooperation with the Department of Statistics).

Mathematics 242W, 247, and 248 may not be counted in any of the major groups listed below.

The Department offers both a Bachelor of Science and a Bachelor of Arts degree in Mathematics, Applied Mathematical Sciences, Mathematics-Statistics, and Mathematics-Actuarial Science. The Bachelor of Science program provides in-depth training in Mathematics as preparation for graduate study or for participation in scientific and engineering teams in government, industry, or research laboratories. The Bachelor of Arts degree is designed to provide training in contemporary mathematics without the depth and concentrated specialization required for the Bachelor of Science program.

**Bachelor of Science in Mathematics:** The requirements for the B.S. in Mathematics are: MATH 220 and 221 (or 210 and 211, and 227), 213, 216, 227, 273-274. At least 6 additional credits from any of MATH 204, 215, 217, 223, 224, 225, 231, 232, 235, 237, 250, 252, 255, 258, 272, 277, 279, 281, 282, 286, and approved sections of 297 and 298. At least 3 additional credits from any of MATH 215, 217, 225, 250, and 258. In addition, at least 12 credits at the 200 level in approved related areas are required.

**Bachelor of Arts in Mathematics:** The requirements for the B.A. in Mathematics are 27 credits of 200-level course work in Mathematics and 12 credits of course work in approved related areas. The required courses are Mathematics 210 and 211 (or 220 and 221), 213, 216, 227, 273, and at least 3 additional credits from any of the following courses: Mathematics 215, 217, 225, 250, and

258. The remaining credits may come from any 200-level Mathematics courses, except Mathematics 242W, 247 and 248.

**Bachelor of Science in Applied Mathematical Sciences:** The requirements for the B.S. in Applied Mathematical Sciences are Mathematics 220 (or 210 and 211), 213, 227, 272, 273, 281, and 282, and two courses to be selected from Mathematics 204, 221, 231, 232, 237, 252, 255, 274, 277, 278, and approved sections of 297 and 298, and at least 3 additional credits from Mathematics 215, 216, 217, 223, 224, 231, 235, 250, 258, 286, and approved sections of 297 and 298. In addition, at least 12 credits at the 200 level in approved related areas are required.

**Bachelor of Arts in Applied Mathematical Sciences:** The requirements for the B.A. in Applied Mathematical Sciences are 27 credits of 200-level course work in Mathematics and at least 12 credits in approved related areas. The required courses for the degree are Mathematics 210 or 220, 211 or 221, 215 or 227, 272, 281, and 282. The remainder of the 27 credits of Mathematics must be chosen from Mathematics 204, 213 or 214, 231, 232, 237, 252, 255, 273, 277 and 278.

**Bachelor of Science or Arts in Mathematics-Statistics:** The requirements for the B.S. or B.A. in Mathematics-Statistics degree are 36 credits at the 200-level in Mathematics and Statistics (in addition to Mathematics 210 or 220), with at least 12 credits in each department. The required courses for the Mathematics-Statistics major are Mathematics 215 or 227, 211 or 221, and Statistics 230 and 231.

**Bachelor of Science or Arts in Mathematics-Actuarial Science:** The requirements for the B.S. or B.A. degree in Mathematics-Actuarial Science are 36 credits at the 200 level in Mathematics, Statistics, Business, and related areas (in addition to Mathematics 210 or 220). The required courses are Mathematics 227 or 215, 231, 232 (or STAT 235), 285, 286, 287-288, Statistics 230-231, and Finance 221 or 225. Students should include Economics 111 and 112, a Computer Science course, and Accounting 131 and 200 in their program of study as early as possible. Admittance to this program is available only to students who meet at least one of the following requirements:

- \* a total grade point average of 2.75 or higher;
- \* a total grade point average of 3.0 or higher in Mathematics;
- \* a passing score on one or more Actuarial examinations;
- \* acceptance by the Mathematics Department's Actuarial Science Committee.

To remain in the Actuarial Science Major, students are expected to maintain a total grade point average of 2.75 or higher.

A minor in Mathematics is described in the Minors section.

**2003-119 Change:** MATH 109Q. Algebra and Trigonometry. Approved (2 No votes)

Nature of change: Change title, prerequisite and description. Rework exclusion.

The major item of discussion (raised by Prof, David (CHEM)) concerned whether a Q course from outside the mathematics department provided sufficient preparation for the course. Prof.

Liebowitz (MATH) related that the position of the MATH department is that it does constitute sufficient preparation.

The proposal was amended to eliminate an ambiguity.

Approved catalogue copy:

MATH 109Q. Precalculus.

Either semester. Three credits. Prerequisite: High school Algebra II or MATH 101 or passed a Q course. Not open for credit to students who have passed MATH 112, 115, or 120. Students may not receive credit for this course and MATH 107.

Preparation for calculus. Review of algebra. Functions and their applications; in particular, polynomials, rational functions, exponentials, logarithms, and trigonometric functions.

**2003-121 Change:** MATH seven courses, changes in prerequisites and/or exclusions related to MATH 114Q.

**(deleted from agenda, since previously approved)**

**2003-134 Change:** add prerequisite to MARN 211. Coastal Systems Science II. <Submitted version failed, revised version approved.>

Revised proposed copy circulated by Prof. Skoog (MARN); clarified by guest, Prof. G. McManus (MARN). Discussion centered around whether it is appropriate to have a B as a prerequisite for a 200-level course as this sends the message that a C is not adequate for continuing in a course sequence or a major. Committee members were divided on whether or not this is the appropriate understanding of the C grade.

On first vote the motion failed: aye 8, no 9

MARN representatives accepted further revisions to the proposal, which was put to a vote. The copy below was approved.

Approved catalogue copy: WITHDRAWN by department request.

[Note from the Chair: Since the copy proposed by MARN was not approved, the department has requested that the revised copy which was approved by CLAS not be listed in the catalog.]

### **MARN 211. Coastal Systems Science II**

First semester (Avery Point). Four credits. Three class periods and one 3-hour laboratory period. Prerequisites: MARN 210 and consent of instructor. Recommended preparation: grade of B or better in MARN 210. *Ward and staff*

Biological, chemical, physical, and geological structure and function of coastal systems; a worldwide survey with emphasis on important coastal habitats and processes.

### **3. NEW BUSINESS**

In view of the fact that guests need not stay for the entire meeting, those proposals for which we have guest representatives were considered first. The agenda was revised accordingly and proposals were considered in the following order:

2003-135 through 136,  
2003-141  
2003-143  
2003-138 through 140  
2003-142  
2003-142

For proposals 2003-135 through 137, the committee was addressed by Ed Benson (MCL).

**2003-135 Drop a Minor:** Portuguese. Approved.

Minor to be dropped: **Portuguese**

**2003-136 Drop a Group of Existing Courses:** Modern & Classical Languages. Approved.

Courses to be dropped:

**PORT 135 Elementary Portuguese I.**

**PORT 136 Elementary Portuguese II**

**PORT 137 Intermediate Portuguese I**

**PORT 138 Intermediate Portuguese II**

**RUSS 157 Intermediate Russian I**

**RUSS 158 Intermediate Russian II**

**2003-137 Change a Group of Existing Courses:** Modern & Classical Languages. Approved.

Nature of change: Reduction in semester credit hours

Approved catalogue copy:

**ARAB 101**

**Elementary Arabic I** Self-instruction in speaking, understanding, reading and writing elementary Arabic. **3 units min / 3 units max, Seminar** Department Consent Required

**Requisites:** Open only to students with no prior contact with the language.

**ARAB 102**

**Elementary Arabic II** Self-instruction in speaking, understanding, reading and writing elementary Arabic. **3 units min / 3 units max, Independent Study** Department Consent Required

**Requisites:** ARAB 101 or equivalent. Cannot be taken after ARAB 103 or 104.

**ARAB 103**

**Intermed Arabic I** Self-instruction in speaking, understanding, reading and writing intermediate Arabic. **3 units min / 3 units max, Seminar** Department Consent Required

**Requisites:** ARAB 102 or equivalent. Cannot be taken for credit after ARAB 104.

**ARAB 104**

**Intermed Arabic II** Self-instruction in speaking, understanding, reading and writing intermediate Arabic. **3 units min / 3 units max, Independent Study** Department Consent Required

**Requisites:** ARAB 103 or equivalent.

**CHIN 101**

**Elem Chinese I** Self-instruction in speaking, understanding, reading and writing elementary Chinese. **3 units min / 3 units max, Seminar** Department Consent Required **Requisites:** Open only to students with no prior contact with the language.

### **CHIN 102**

**Elem Chinese II** Self-instruction in speaking, understanding, reading and writing elementary Chinese. **3 units min / 3 units max, Seminar** Department Consent Required **Requisites:** CHIN 101 or equivalent. Not open to students who have had CHIN 103 or 104.

### **CHIN 103**

**Inter Chinese I** Self-instruction in speaking, understanding, reading and writing intermediate Chinese. **3 units min / 3 units max, Seminar** Department Consent Required **Requisites:** CHIN 102 or equivalent. Cannot be taken for credit after CHIN 104.

### **CHIN 104**

**Inter Chinese II** Self-instruction in speaking, understanding, reading and writing intermediate Chinese. **3 units min / 3 units max, Seminar** Department Consent Required **Requisites:** CHIN 103 or equivalent.

### **CRLP 101**

**Elementary I** Some critical languages, because of area study requirements or other specific circumstances, may be offered under the regular instructional method. The method of instruction for most critical language courses follows the self-study format established by the National Association of Self-Instructional Language Programs (NASILP). This method relies on four hours of student self-instruction per week, using the approved book/tape program; two hours per week of drill sessions led by the Conversation Partner; four or five quizzes per semester; and an oral final examination conducted by the Outside Examiner, a member of the faculty of an Institution of Higher Education which offers the language. In order to be eligible to register for a course offered through the NASILP method, students must have sophomore standing, a B (3.0) cumulative Grade Point Average, and the support of their academic advisor. Students seeking to register should bring an unofficial transcript and a letter from their advisor to Room 228, J.H. Arjona Building during pre-registration for the following semester. **3 units min / 3 units max, Seminar** Department Consent Required **Requisites:** Open only to students with no prior contact with the language.

### **CRLP 102**

**Elementary II** Some critical languages, because of area study requirements or other specific circumstances, may be offered under the regular instructional method. The method of instruction for most critical language courses follows the self-study format established by the National Association of Self-Instructional Language Programs (NASILP). This method relies on four hours of student self-instruction per week, using the approved book/tape program; two hours per week of drill sessions led by the Conversation Partner; four or five quizzes per semester; and an oral final examination conducted by the Outside Examiner, a member of the faculty of an Institution of Higher Education which offers the language. In order to be eligible to register for a course offered through the NASILP method, students must have sophomore standing, a B (3.0) cumulative Grade Point Average, and the support of their academic advisor. Students seeking to

register should bring an unofficial transcript and a letter from their advisor to Room 228, J.H. Arjona Building during pre-registration for the following semester. **3 units min / 3 units max, Lecture Department Consent Required** **Requisites:** CRLP 101 or equivalent.

### **CRLP 103**

**Intermediate I** Some critical languages, because of area study requirements or other specific circumstances, may be offered under the regular instructional method. The method of instruction for most critical language courses follows the self-study format established by the National Association of Self-Instructional Language Programs (NASILP). This method relies on four hours of student self-instruction per week, using the approved book/tape program; two hours per week of drill sessions led by the Conversation Partner; four or five quizzes per semester; and an oral final examination conducted by the Outside Examiner, a member of the faculty of an Institution of Higher Education which offers the language. In order to be eligible to register for a course offered through the NASILP method, students must have sophomore standing, a B (3.0) cumulative Grade Point Average, and the support of their academic advisor. Students seeking to register should bring an unofficial transcript and a letter from their advisor to Room 228, J.H. Arjona Building during pre-registration for the following semester. **3 units min / 3 units max, Lecture Department Consent Required** **Requisites:** CRLP 102.

### **CRLP 104**

**Intermediate II** Some critical languages, because of area study requirements or other specific circumstances, may be offered under the regular instructional method. The method of instruction for most critical language courses follows the self-study format established by the National Association of Self-Instructional Language Programs (NASILP). This method relies on four hours of student self-instruction per week, using the approved book/tape program; two hours per week of drill sessions led by the Conversation Partner; four or five quizzes per semester; and an oral final examination conducted by the Outside Examiner, a member of the faculty of an Institution of Higher Education which offers the language. In order to be eligible to register for a course offered through the NASILP method, students must have sophomore standing, a B (3.0) cumulative Grade Point Average, and the support of their academic advisor. Students seeking to register should bring an unofficial transcript and a letter from their advisor to Room 228, J.H. Arjona Building during pre-registration for the following semester. **3 units min / 3 units max, Lecture Department Consent Required** **Requisites:** CRLP 103 or equivalent.

### **HIND 101**

**Elementary Level I** Self-instruction in speaking, understanding, reading and writing elementary Hindi. SM 02/11/02 **3 units min / 3 units max, Seminar Department Consent Required** **Requisites:** Open only to students with no prior contact with the language.

### **HIND 102**

**Elementary Level II** Self-instruction in speaking, understanding, reading and writing elementary Hindi. SM 02/11/02 **3 units min / 3 units max, Seminar Department Consent Required** **Requisites:** HIND 101 or equivalent. Cannot be taken for credit after HIND 103 or 104.

### **HIND 103**

**Intermediate Level I** Self-instruction in speaking, understanding, reading and writing intermediate Hindi. SM 02/11/02 **3 units min / 3 units max, Seminar** Department Consent  
Required **Requisites:** HIND 103 or equivalent.

**HIND 104**

**Intermediate Level II** Self-instruction in speaking, understanding, reading and writing intermediate Hindi. SM 02/11/02 **3 units min / 3 units max, Seminar** Department Consent  
Required **Requisites:** HIND 103 or equivalent.

**KORE 101**

**Elementary Level I** Self-instruction in speaking, understanding, reading and writing elementary Korean. SM 02/11/02 **3 units min / 3 units max, Seminar** Department Consent Required  
**Requisites:** Open only to students with no prior contact with the language.

**KORE 102**

**Elementary Level II** Self-instruction in speaking, understanding, reading and writing elementary Korean. SM 02/11/02 **3 units min / 3 units max, Seminar** Department Consent  
Required **Requisites:** KORE 101 or equivalent. Cannot be taken for credit after KORE 103 or 104.

**KORE 103**

**Intermediate Level I** Self-instruction in speaking, understanding, reading and writing intermediate Korean. SM 02/11/02 **3 units min / 3 units max, Seminar** Department Consent  
Required **Requisites:** KORE 102 or equivalent. Cannot be taken for credit after KORE 104.

**KORE 104**

**Intermediate Level II** Self-instruction in speaking, understanding, reading and writing intermediate Korean. SM 02/11/02 **3 units min / 3 units max, Seminar** Department Consent  
Required **Requisites:** KORE 103 or equivalent.

**VIET 101**

**Elementary Level I** Self-instruction in speaking, understanding, reading and writing elementary Vietnamese. SM 02/11/02 **3 units min / 3 units max, Seminar** Department Consent Required  
**Requisites:** Open only to students with no prior contact with the language.

**VIET 102**

**Elementary Level II** Self-instruction in speaking, understanding, reading and writing elementary Vietnamese. SM 02/11/02 **3 units min / 3 units max, Seminar** Department Consent  
Required **Requisites:** VIET 101 or equivalent. Cannot be taken after VIET 103 or 104.

**VIET 103**

**Intermediate Level I** Self-instruction in speaking, understanding, reading and writing intermediate Vietnamese. SM 02/11/02 **3 units min / 3 units max, Seminar** Department  
Consent Required **Requisites:** VIET 102 or equivalent. Cannot be taken for credit after VIET 104.



## **VIET 104**

**Intermediate Level II** Self-instruction in speaking, understanding, reading and writing intermediate Vietnamese. SM 02/11/02 **3 units min / 3 units max, Seminar** Department Consent Required **Requisites:** VIET 103 or equivalent.

After the three proposals from MCL were approved, Prof. Rawitscher expressed dismay that intermediate Russian would no longer be taught at U Conn, and the sentiment was shared by various members of the committee.

**2003-141 Change Minor:** Criminal Justice. Approved as amended.

Committee was addressed by guest: Beth Frankel-Merenstein (IMJR)

Nature of Change: Change to specific number of credits required for group II.

Approved Catalogue Copy (Description of the Minor):

The purpose of this minor is to provide in-depth study of topics in criminal justice and to offer preparation for possible careers within the criminal justice system. A maximum of three credits in the minor can be part of a major; 12 to 15 credits can constitute the related area courses.

**Course Requirements** A total of 18 credits from the following courses:

1. Three required courses:

[POLS 255](#), [SOC 216](#), [PSYC 245](#)

2. One Course from the following:

[HDFS 288](#) Supervised Field Experience\*, [INTD 210](#) Urban Field Studies, [POLS 297](#) Supervised Field Work\*, [SOC 296](#) Field Experience\*, SOC 340 Seminar in Criminal Justice (for seniors with at least a 2.6 cumulative GPA), [PSYC 294](#) Field Experience

\* Field work must be in a criminal justice setting.

Students who are employed full time within a criminal justice setting may have the Group II requirement waived by their Criminal Justice Advisor when employment is documented by their supervisor.

3. Two or more courses from the following list: [HDFS 201](#), [264](#), [266](#), [276](#), [284](#); [PHIL 226](#); [POLS 251](#), [252](#), [260](#), [274](#); [299](#) (on a criminal justice topic); [PSYC 202Q](#), [240](#), [243](#), [256](#); [SOC 217](#), [218](#), [218W](#), [219](#), [243](#), [244](#), [285](#), [299](#) (on a criminal justice topic), 340 (for seniors with at least a 2.6 cumulative GPA); [WS 263](#).

**2003-143 Change:** PHYS 155Q. Introductory Astronomy. Approved as amended.

Committee was addressed by guest: Cynthia Peterson (PHYS)

Nature of Proposed Change: Change in credits from three to four by adding an additional hour of lecture

Approved catalogue copy:

**PHYS 155Q. Introductory Astronomy**

Either semester. Four credits. Three class periods and one 2-hour laboratory period.

Recommended Preparation: MATH 101 or equivalent.

A basic introductory astronomy course including principles of celestial coordinate systems and telescope design; applications of fundamental physical laws to the sun, planets, stars and

galaxies; evolution of stars, galaxies and the universe; recent space probe results, modern cosmology, astrobiology. Basic quantitative laboratory techniques relevant to astronomy.

**2003-138 Add:** MATH 375. Analysis. Approved.

Approved catalogue copy:

**MATH 375. Analysis.**

Introduction to the theory of functions of a real variable.

*3 credits, Lecture. Not open for graduate credit toward degrees in mathematics. Not open to students who have passed MATH 273.*

**2003-139 Add:** PSYC 2xx/2xxW. Health Psychology. Approved.

[Note from the Chair: as approved in committee, prerequisites were listed only as PSYC 132 and 135. This listing was an error that would have barred many students from registering for the course. PSYC 135 is “Enhanced General Psychology II”, a variant of PSYC 133 “General Psychology II”, and the authors intended students to have taken the two semester sequence, using either PSYC 133 or 135 as the second course. I have corresponded with the proposal authors and they requested that prerequisites be revised to read “PSYC 132 and PSYC 133 or 135”. I regard this as an editorial correction that would have been approved by the committee, had we spotted this during our deliberations.]

Approved catalogue copy:

**PSYC 2XX. Health Psychology.**

Three credits. Either semester. Prerequisite: PSYC 132, and PSYC 133 or 135.

The interface between psychology and health is examined using a biopsychosocial model. Topics include stress and coping, health promotion, adjustment to chronic illness, and the psychology of health behaviors.

**PSYC 2XX W. Health Psychology.**

Three credits. Either semester. Prerequisite: PSYC 132, and PSYC 133 or 135.

The interface between psychology and health is examined using a biopsychosocial model. Topics include stress and coping, health promotion, adjustment to chronic illness, and the psychology of health behaviors.

**2003-140 Change Minor:** Biomedical Engineering (BME). Approved.

Nature of Change: updating of courses in different categories

Approved catalogue copy: (description of the minor)

A minor in Biomedical Engineering requires completion of 16-17 credits including the following:

CHEM 243, PNB 264, and BME 210 or BME 211.

One of BME 221, 251, 252, 261W, or 271.

One of MCB 203, 204, 229, 232C, or PNB 265

The minor is offered jointly by the School of Engineering and the College of Liberal Arts and Sciences. For the Biomedical Engineering minor, contact Dr. John Enderle at [jenderle@enr.uconn.edu](mailto:jenderle@enr.uconn.edu).

**2003-142 Add:** PHYSICS 298. Computational Physics. (Approved by the chair as item 1.d. above)

**2003-144 Add:** PSYC 3XX. Neuropsychopharmacology. Approved.

Approved catalogue copy:

**PSYC 3XX. Neuropsychopharmacology.**

The neurochemistry, physiology and anatomy of the CNS, emphasizing neurochemical and behavioral effects of pharmacological agents. Topics include stimulants, antipsychotics, antidepressants, anxiolytics, sedative/hypnotics, hallucinogens, and opiates.

*3 credits, lecture. Prerequisite: PSYC 325 or consent of instructor.*

**4. ADJOURN**

The meeting was adjourned at 5:09 pm.