

Agenda Items
CLAS Committee on Curricula and Courses

September 9, 2003

E-mail from Anne Hiskes, Chair of General Education Oversight Committee (GEOC)
Sept. 1, 2003

Hi Tom,

I hope that you are enjoying your new role at UConn. It's my understanding that you will serve as Chair of the CLAS C&C committee this year. As the new Chair of GEOC I'm in the process of working out some details of our course approval process. For information on the procedures we have developed so far, please see the memo posted at:

<http://senate.uconn.edu/implementinggened.pdf>

One issue of concern to GEOC is the oversight that each school/college wishes to have over its Gen.Ed. offerings. To be included in the new Gen. Ed. system all courses have to be approved by GEOC. This includes all courses newly proposed for general education, and also courses already in the gen. ed. curriculum. It includes all content area courses, and all W courses and Q courses. CLAS now requires College approval of new courses and substantially revised courses. What about courses in the current gen. ed. system? Courses that already have a "W" or "Q" designation?

GEOC's deadline is Feb. 13, 2004 for course proposals for the initial slate of Gen. Ed. courses that will go before the University Senate in late April. Proposals not meeting the deadline will have to wait until Fall, 2004 for approval. It would be helpful if the CLAS C&C committee would adopt and publicize a timetable for CLAS Gen. Ed. approvals that fits well with GEOC's. Finally, members of GEOC will be happy to attend one or two meetings of your committee to discuss issues and/or provide information.

So, please let us know your answers to the following questions:

1. What categories of general education course proposals will require prior CLAS approval? How much oversight will your committee provide for the CLAS Gen. Ed. proposals as GEN. ED. proposals, particularly with respect to required resources?
2. What will be the CLAS course-approval timetable for gen. ed. approvals?
3. Would you like to schedule a joint meeting with the CLAS C&C and some GEOC members? If so, what are some possible dates?

Thanks very much, and best wishes,

Anne Hiskes, GEOC Chair

P.S. We are indebted to your C&C website as a model for GEOC materials.

Proposals

2003-79

Proposal to offer a 298 "Special Topics" Course

1. Date of this proposal: May 23, 2003
2. Semester and year 298 will be offered: Spring 04
3. Department: ILCS (MCL)
4. Title of course: "Cinema Italiano"
5. Number of Credits: 3
6. Instructor: Bouchard
7. Instructor's position: Associate Professor
8. Has this topic been offered before? A similar course is taught in English as ILCS 260W. However, this course is designed for Italian majors since students would be expected to discuss the material and complete all written assignments in Italian.
9. If so, how many times?
10. Short description: This course surveys major periods in the history of Italian cinema from the post WW II era to the present. Emphasis will be placed on Italian neorealism, auteur cinema, and selected genre films, including comedies-Italian Style and Spaghetti Westerns
11. Please attach a sample/draft syllabus to first-time proposals: see below
12. Comments, if comment is called for:
13. Dates approved by (see Note Q):
Department Curriculum Committee:
Department Faculty: 5/14/2003
Department Chair: 5/18/2003
14. Name, Phone Number, and e-mail address of principal contact person:
Norma Bouchard
6-3292 (860) 887 0895
bouchard@uconnvm.uconn.edu

For Syllabus, see Appendix **2003-79**

2003-80

Proposal to: ADD A NEW COURSE

Date: May 15, 2003

Department: Political Science

Abbreviated Title: Comparative Politics of North America

CATALOGUE COPY:

POLS. 223. Comparative Politics of North America. Second Semester. Three credits.

Commonalities and differences in the political systems of the NAFTA countries, Canada, Mexico and the United States. Issues include political culture and value systems; electoral politics, approaches to federalism and regionalism; public opinion and support for NAFTA and its expansion; migration, political integration, the treatment of indigenous peoples, ethnic and gender representation; and decentralization and the role of municipal government in the provinces/states.

Effective Date of Change: immediately

(Note that changes will be effective immediately unless a specific date is requested.)

1. Course Number: 223

2. Course Title: Comparative Politics of North America

3. Semester(s) offered: Second semester

4. Number of Credits: 03

5. Number of Class Periods: 3 per week

6. Prerequisite/Required Preparation: POLS 121

7. Any required consent/any exclusions: None

8. Repetition for credit: No

9. Instructor in charge: Professor Richard Vengroff

10. Course description: Commonalities and differences in the political systems of the NAFTA countries, Canada, Mexico and the United States. Issues include political culture and value systems; electoral politics, approaches to federalism and regionalism; public opinion and support for NAFTA and its expansion; migration, political integration, the treatment of indigenous peoples, ethnic and gender representation; and decentralization and the role of municipal government in the provinces/states.

11. Semester and year in which course will be first offered: Spring 2004 or as soon as after approved as possible.

JUSTIFICATION

1. Reasons for adding this course:

There is growing interest in the academic study of North America. A number of new Centers for North American Studies have been created at Universities in Canada (e.g. Carleton University),

in Mexico (e.g. Collegio de Mexico), and the U.S. (e.g. Duke University). These three institutions recently sponsored a conference, "Visioning North America," to which Professor Vengroff was invited and in which he participated. There is a real need to contribute to this expanding field of study. The course to be formally introduced will profit from existing syllabi already being used at more than a dozen institutions as well as new material that Professor Vengroff will develop. In addition, this course may contribute to the American Studies Program and the Latin American Studies Programs at UConn.

2. Academic Merit: This course will meet the growing need for academic exploration of this subject matter in a way that will specifically challenge upper division students to think beyond textbooks and readings. Through small group discussions and a carefully designed simulation exercise, students will have an opportunity to experience the challenges of modern day political decision makers (both local and national) on the North American continent.

3. Overlapping Courses: None known

4. Other Departments Consulted:

Center for Latin American and Caribbean Studies approved 5/8/03 by Peter Kingstone,
Director
American Studies

5. Number of Students Expected: 50-60

6. Number and Size of Section: 1 section, 50-60 students

7. Effects on Other Departments: Enhancement of Latin American and American Studies programs

8. Effects on Regional Campuses: None

9. Approvals Received and Dates:

Department Head: 3/26/03

Departmental C&C committee: 3/26/03

Department: 3/28/03

10. Names and Phone Numbers of Persons for the CCC to contact:

Carol W. Lewis, x-3468, CAROL.LEWIS@UCONN.EDU

11. Staffing: Professor Richard Vengroff

2003-81

Proposal to Change a group of Existing Courses

1. Date: May 2, 2003

2. Department: Psychology

3. Nature of Proposed Change: Add PSYC 132 as prerequisite to PSYC 202Q, 220, 221, 236, 240, 243, 245, 245W, 254, 255, 256, 268, 270, 270W, 272, 278, 291, 291W, 294, 295

4. Current Catalog Copy:

202Q. Principles of Research in Psychology

Either semester. Four credits. Three 1-hour lectures and one 2-hour laboratory/discussion. Prerequisite: PSYC 135 or 133 and STAT 100 or 110 (or Statistics Q 100 level). Open to sophomores or higher.

Design and analysis of psychological research. Experimental and quasi-experimental designs, laboratory and correlational techniques, research ethics.

220. Learning

Either semester. Three credits. Prerequisite: PSYC 135 or 133. Open to sophomores or higher. Learning and memory principles found in animal research and their relationship to human behavior. Human and other species' specific types of unique learning abilities.

221. The Psychology of Language

First semester. Three credits. Prerequisite: PSYC 135 or 133. *Shankweiler*

Those aspects of language that make it a uniquely efficient vehicle for communication and thought.

236. Developmental Psychology

Either semester. Three credits. Prerequisite: PSYC 135 or 133. Open to sophomores or higher. *Gustafson, Sanders, Dixon*

Social behavior, personality, perception, cognition, language, intelligence, learning, biobehavioral processes, and research methodology in developmental perspective.

240. Social Psychology

Either semester. Three credits. Prerequisite: PSYC 135 or 133. Open to sophomores or higher. Attitudes, social cognition, social influence, interpersonal relations, group dynamics.

243. The Study of Personality

Either semester. Three credits. Prerequisite: PSYC 135 or 133. Open to sophomores or higher. *Kirsch*

Theories, methods, and research in both clinical and experimental approaches to personality.

245. Abnormal Psychology

Either semester. Three credits. Prerequisite: PSYC 135 or 133. Open to sophomores or higher. *Schwarz*

Nature of abnormal behavior, theories and data regarding symptoms, etiology, treatment and prevention of mental disorders.

245W. Abnormal Psychology

Prerequisite: PSYC 135 or 133; ENGL 105 or 110 or 111 or 250.

254. Sensation and Perception

Either semester. Three credits. Prerequisite: PSYC 135 or 133.

Sensory and perceptual processes in vision, hearing, touch, taste, and smell.

255. Motivation and Emotion

(Also offered as COMM 255.) Either semester. Three credits. Prerequisite: PSYC 135 or 133.

Cognition, brain mechanisms, biofeedback, aggression, sex, competence, social influence, and conformity.

256. Cognitive Psychology

Either semester. Three credits. Prerequisite: PSYC 135 or 133. Open to sophomores or higher.

Rickards, Rueckl

Different views of mental representation and processes involved in memory, language comprehension, perception, attention, and problem solving. Historical development of models in cognitive psychology.

268. Industrial/Organizational Psychology

Either semester. Three credits. Prerequisite: PSYC 135 or 133. Open to sophomores or higher.

Barnes-Farrell, Henning, Magley, Mellor

Applications of psychology in the workplace: Measurement, personnel decisions, performance appraisal, training, motivation, worker attitudes, leadership, ergonomics and job design, workplace health and safety.

270. Black Psychology

First semester. Three credits. Prerequisite: PSYC 135 or 133 and consent of instructor. *Williams*

Empirical and theoretical literature on psychological experiences of African Americans. Impact of race, culture, and ethnicity on psychological development.

270W. Black Psychology

Prerequisite: PSYC 135 or 133 and consent of instructor; ENGL 105 or 110 or 111 or 250.

272. Psychology of Aging

Either semester. Three credits. Prerequisite: PSYC 135 or 133.

Psychological theories and research on adult development and aging. Focus on self development from adolescence through young adulthood, midlife and later life.

278. Human Factors Design

Either semester. Three credits. Prerequisite: PSYC 135 or 133. Recommended preparation:

PSYC 268. *Henning*

Human factors/ergonomics design applied to human-machine and sociotechnical systems. Independent work in conjunction with class project.

291. The History and Systems of Psychology

Either semester. Three credits. Prerequisite: PSYC 135 or 133.

Philosophical and scientific origins and major schools, including structuralism, functionalism, behaviorism, gestalt, and psychoanalysis.

291W. The History and Systems of Psychology

Prerequisite: PSYC 135 or 133; ENGL 105 or 110 or 111 or 250.

294. Field Experience

Either semester. Credits, not to exceed six per semester, and hours by arrangement. Prerequisite: PSYC 135 or 133. Open only with consent of instructor. With a change in content, this course may be repeated for credit. Students taking this course will be assigned a final grade of S (satisfactory) or U (unsatisfactory).

Supervised field work in clinical, community, or organizational settings.

295. Seminar in Psychology

Semester by arrangement. Three credits. Prerequisite: PSYC 135 or 133 and consent of instructor. With a change in content, may be repeated for credit.

Recent developments in psychology. Topics vary with each offering.

5. Proposed Catalog Copy:

(see information in the "add a course" form if you have any questions regarding specific items.)

202Q. Principles of Research in Psychology

Either semester. Four credits. Three 1-hour lectures and one 2-hour laboratory/discussion.

Prerequisite: PSYC 132 and PSYC 135 or 133 and STAT 100 or 110 (or Statistics Q 100 level).

Open to sophomores or higher.

Design and analysis of psychological research. Experimental and quasi-experimental designs, laboratory and correlational techniques, research ethics

220. Learning

Either semester. Three credits. Prerequisite: PSYC 132 and PSYC 135 or 133. Open to sophomores or higher.

Learning and memory principles found in animal research and their relationship to human behavior. Human and other species' specific types of unique learning abilities.

221. The Psychology of Language

First semester. Three credits. Prerequisite: PSYC 132 and PSYC 135 or 133. *Shankweiler*

Those aspects of language that make it a uniquely efficient vehicle for communication and thought.

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240. Social Psychology

Either semester. Three credits. Prerequisite: PSYC 132 and PSYC 135 or 133. Open to sophomores or higher.

Attitudes, social cognition, social influence, interpersonal relations, group dynamics.

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Either semester. Three credits. Prerequisite: PSYC 132 and PSYC 135 or 133. Open to sophomores or higher. *Kirsch*

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Nature of abnormal behavior, theories and data regarding symptoms, etiology, treatment and prevention of mental disorders.

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Sensory and perceptual processes in vision, hearing, touch, taste, and smell.

255. Motivation and Emotion

(Also offered as COMM 255.) Either semester. Three credits. Prerequisite: PSYC 132 and PSYC 135 or 133.

Cognition, brain mechanisms, biofeedback, aggression, sex, competence, social influence, and conformity.

256. Cognitive Psychology

Either semester. Three credits. Prerequisite: PSYC 132 and PSYC 135 or 133. Open to sophomores or higher. *Rickards, Rueckl*

Different views of mental representation and processes involved in memory, language comprehension, perception, attention, and problem solving. Historical development of models in cognitive psychology.

268. Industrial/Organizational Psychology

Either semester. Three credits. Prerequisite: PSYC 132 and PSYC 135 or 133. Open to sophomores or higher. *Barnes-Farrell, Henning, Magley, Mellor*

Applications of psychology in the workplace: Measurement, personnel decisions, performance appraisal, training, motivation, worker attitudes, leadership, ergonomics and job design, workplace health and safety.

270. Black Psychology

First semester. Three credits. Prerequisite: PSYC 132 and PSYC 135 or 133 and consent of instructor. *Williams*

Empirical and theoretical literature on psychological experiences of African Americans. Impact of race, culture, and ethnicity on psychological development.

270W. Black Psychology

Prerequisite: PSYC 132 and PSYC 135 or 133 and consent of instructor; ENGL 105 or 110 or 111 or 250.

272. Psychology of Aging

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

Psychological theories and research on adult development and aging. Focus on self development from adolescence through young adulthood, midlife and later life.

278. Human Factors Design

Either semester. Three credits. Prerequisite: PSYC 132 and PSYC 135 or 133. Recommended preparation: PSYC 268. *Henning*

Human factors/ergonomics design applied to human-machine and sociotechnical systems. Independent work in conjunction with class project.

291. The History and Systems of Psychology

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

Philosophical and scientific origins and major schools, including structuralism, functionalism, behaviorism, gestalt, and psychoanalysis.

291W. The History and Systems of Psychology

Prerequisite: PSYC 132 and PSYC 135 or 133; ENGL 105 or 110 or 111 or 250.

294. Field Experience

Either semester. Credits, not to exceed six per semester, and hours by arrangement. Prerequisite: PSYC 132 and PSYC 135 or 133. Open only with consent of instructor. With a change in content, this course may be repeated for credit. Students taking this course will be assigned a final grade of S (satisfactory) or U (unsatisfactory).

Supervised field work in clinical, community, or organizational settings.

295. Seminar in Psychology

Semester by arrangement. Three credits. Prerequisite: PSYC 132 and PSYC 135 or 133 and consent of instructor. With a change in content, may be repeated for credit.

Recent developments in psychology. Topics vary with each offering.

6. Effective Date (semester, year -- see Note R): Immediately

(Note that changes will be effective immediately unless a specific date is requested.)

Justification

1. Reasons for changing this course:

Students already need PSYC 132 to take PSYC 133 or 135, but some students take 135 via permission number (i.e., enter 135 without having taken 132), or, in the case of transfer students, receive transfer credits for 133 but not for 132 and then take 132 out of sequence once they

arrive in Storrs, sometimes in the last semester of their senior year, when this omission is identified. In the meantime, these students may have also enrolled for a 200-level psychology course successfully because they have had the (currently the only) 133 or 135 prerequisite, but not the 132 prerequisite. This catalog change will prevent that from happening in each of the 200-level courses for which 133/135 is already listed as a prerequisite.

2. Effect on Department's Curriculum: The change will assure that students will have had BOTH 132 and 133/135 before enrolling in the 200-level course.

3. Other Departments Consulted (see Note N): None

4. Effects on Other Departments: None

5. Effects on Regional Campuses: None. But once students transfer to Storrs, they will need to enroll in 132, which they are already encouraged to do.

6. Staffing: No change

7. Dates approved by (see Note Q):

Department Curriculum Committee: May 8, 2003

Department Faculty: N/A

8. Name, Phone Number, and e-mail address of principal contact person:

David B. Miller, x6-3516. David.B.Miller@uconn.edu

2003-82

Proposal to Change an Existing Course

1. Date: April 22, 2003
2. Department: Molecular & Cell Biology
3. Nature of Proposed Change: add prerequisite
4. Current Catalog Copy:

MCB 290. Forensic Application of DNA Science

Second semester. Three credits. Recommended preparation: a course in genetics. *Strausbaugh*

DNA analysis in forensic science, with emphasis on molecular genetic technology in criminal investigations and issues surrounding the use of DNA evidence. Team-taught with forensic practitioners.

5. Proposed Catalog Copy:

MCB 290. Forensic Application of DNA Science

Second semester. Three credits. Prerequisite: MCB 200 or 213. *Strausbaugh*

DNA analysis in forensic science, with emphasis on molecular genetic technology in criminal investigations and issues surrounding the use of DNA evidence. Team-taught with forensic practitioners.

6. Effective Date: Spring 2004

Justification

1. Reasons for changing this course: From its inception several years ago, this course was designed with the presumption that registered students would have a background in basic molecular biology and some standard techniques such as gel electrophoresis and DNA fingerprinting. Any student who has taken a genetics course (which has its own prerequisite of Biology 107) would have the desired background, which is clearly stated in the recommended preparation. Unfortunately, however, more and more students who lack the necessary background have been registering for this course, including many students with interests in criminal justice and sociology. They have not had the recommended preparation, and many of them perform poorly on course exams and are obviously unprepared for the scientific level at which the course is taught. We wish to change the suggested genetic preparation from "Recommended preparation" to "Prerequisite" in order to prevent further problems with underprepared students.

2. Effect on Department's Curriculum: none

3. Other Departments Consulted: none. The only change being requested is to enforce the desired level of preparation and stop students who lack this preparation from registering for a course that they will not do well in.

4. Effects on Other Departments: none.

5. Effects on Regional Campuses: none.

6. Staffing: no changes.

7. Dates approved by:

Department Curriculum Committee: 4/28/03

Department Faculty: 5/19/03

8. Name, Phone Number, and e-mail address of principal contact person:

Linda Strausbaugh, 486-2693 or 486-1896. LINDA.STRAUSBAUGH@UConn.edu

2003-83

Proposal to Add a New Course

(Note: this proposal is also being submitted to Senate CC&C since the course is open to sophomores)

1. Date: April 22, 2003

2. Department requesting this course: Molecular & Cell Biology

3. Semester and year in which course will be first offered:

4. Final catalog Listing:

MCB 225. Advanced Cell Biology Laboratory

Second Semester. Four Credits. One 1-hour lecture and two 4-hour labs. Open to Sophomores. Prerequisite or corequisite: MCB 210 and Consent of Instructor. *Knecht*

Theory and experimental techniques of modern cell biology, emphasizing the visualization of living eukaryotic cells using the light microscope and digital imaging techniques. Students will learn cell culture, immunostaining, fluorescence localization, confocal microscopy, time-lapse video microscopy, DNA mediated transformation and other techniques, and then pursue independent projects.

Items included in catalog Listing:

Obligatory Items

1. Standard abbreviation for Department or Program: MCB
2. Course Number: 225 (We checked with Registrar's office. This number has not been used since 1991 and is available.)
3. Course Title: Advanced Cell Biology Laboratory
4. Semester offered: second
5. Number of Credits: four
6. Course description:

Theory and experimental techniques of modern cell biology, emphasizing the behavior of living eukaryotic cells using the light microscope and digital imaging techniques. Students will learn cell culture, immunostaining, fluorescence localization, confocal microscopy, time-lapse video microscopy, DNA mediated transformation and other techniques, and then pursue independent projects.

Optional Items

7. Number of Class Periods, if not standard: one lecture, two 4 hour labs
8. Prerequisites, if applicable: MCB 210, pre or corequisite
9. Recommended Preparation, if applicable:
10. Consent of Instructor, if applicable: Consent of Instructor required.
11. Exclusions, if applicable:
12. Repetition for credit, if applicable:
13. Instructor(s) names if they will appear in catalog copy: Knecht
14. Open to Sophomores: yes
15. Skill Codes "W", "Q", or "C":

Justification

1. Reasons for adding this course: At present, the MCB department offers an introductory course in cell Biology, MCB 210 "Cell Biology", but no laboratory course or component at this level. Other disciplines in MCB, such as Microbiology, Biochemistry, and Genetics, either include a

laboratory component as part of the introductory course (e.g., MCB 203, 204, 229) or provide a stand-alone laboratory course that can be taken with the introductory course as prerequisite (e.g., MCB 214 "Experiments in DNA Identification" after MCB 200 "Human Genetics"). Since MCB 210 does not have a lab section, this course will allow students who gained an interest in Cell Biology through the lecture course to get actual hands on experience with topics addressed in lecture. Students will gain extensive experience with modern cell biology and microscopy. In addition, it will provide an ideal training ground for undergraduates who wish to do Honors or Undergraduate research with faculty in Cell Biology prior to entering labs.

2. Academic Merit: This course is intended for MCB, PNB or Biology majors who have had MCB 210 (Cell Biology) and wish to pursue the topics raised in that course further. In addition to the two four hour labs, there will be a one hour lecture each week to introduce the theory of the experiments, as well as to discuss the results of the previous week. Many of the experiments take longer than a 4-hour lab period, requiring observations over time outside of class. Each student is issued a key so they can come in as needed for these experiments. The last quarter of the class will be devoted to independent projects. The results of these projects will be presented publicly in a poster session during finals week.

A trial run of the course was done as MCB 298 in Spring 2003 with 10 students who had taken MCB 210 in the fall. The course was quite successful given that all of the labs were being done for the first time.

3. Overlapping Courses: none

4. Number of Students Expected: 10-12

5. Number and Size of Section: One section of 10-12, since the space we have been provided cannot accommodate more than this number. We cannot run multiple sections because, while students start experiments during the Tues/Thur lab hours, many experiments require additional time in the lab throughout the week.

6. Effects on Other Departments: none

7. Effects on Regional Campuses: none

8. Staffing: David Knecht, Professor, will be in charge, and will require one full-TA and minimal prep time.

9. Dates approved by:

Department Curriculum Committee: April 28, 2003

Department Faculty: 5/19/03

10. Name, Phone Number, and e-mail address of principal contact person:

Dr. David Knecht 6-2200. knecht@uconn.edu

See Appendix for a syllabus for this course

2003-84

Proposal to Change an existing Major

1. Date: April 28, 2003
2. Department requesting this change: MCB
3. Title of Major: Molecular & Cell Biology
4. Nature of Change: Add one course to list of “laboratory courses”; delete mention of a course that is being dropped.
5. Existing catalog Description of the Major:

Molecular and Cell Biology Major

This B.S. program is suitable for students with interests in biology at the cellular and subcellular level, including the areas of biochemistry, cell biology, developmental biology, molecular genetics, and microbiology, and their applications in biotechnology and medical science. Many opportunities for independent research projects in these areas are open for undergraduates.

The following 100's level courses are required: [BIOL 107](#); [CHEM 127](#), [128](#); [MATH 115](#), [116](#) or [112](#), [113](#), [114](#); and [PHYSICS 131](#), [132](#) or [121](#), [122](#), [123](#). Courses required for the major: at least 24 credits of MCB courses at the 200-level or above, 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)

For breadth in biology, it is recommended that students take [PNB 250](#) or [MCB 259](#), and [EEB 244](#) or [245](#). Majors must complete at least 24 credits in MCB courses

Note 1: where appropriate, a course may fulfill more than one requirement; e.g., MCB 204 and 229 count towards the Group 1 requirement as well as the Group 3 Laboratory requirement.

Note 2: Biology 295, Introduction to Undergraduate Research, may count towards the 24 credits of required MCB courses.

A minor in Molecular and Cell Biology is described in the [Minors](#) section.

6. Proposed catalog Description of the Major:

Molecular and Cell Biology Major

This B.S. program is suitable for students with interests in biology at the cellular and subcellular level, including the areas of biochemistry, cell biology, developmental biology, molecular genetics, and microbiology, and their applications in biotechnology and medical science. Many opportunities for independent research projects in these areas are open for undergraduates.

The following 100's level courses are required: [BIOL 107](#); [CHEM 127](#), [128](#); [MATH 115](#), [116](#) or [112](#), [113](#), [114](#); and [PHYSICS 131](#), [132](#) or [121](#), [122](#), [123](#). Courses required for the major: at least 24 credits of MCB courses at the 200-level or above, 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 225](#) Advanced Cell Biology Laboratory

[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)

For breadth in biology, it is recommended that students take [PNB 250](#) and [EEB 244](#) or [245](#). Majors must complete at least 24 credits in MCB courses

Note 1: where appropriate, a course may fulfill more than one requirement; e.g., MCB 204 and 229 count towards the Group 1 requirement as well as the Group 3 Laboratory requirement.

Note 2: Biology 295, Introduction to Undergraduate Research, may count towards the 24 credits of required MCB courses.

A minor in Molecular and Cell Biology is described in the [Minors](#) section.

7. Effective Date: immediately

Justification

1. Why is a change required? The MCB department is proposing the addition of a new laboratory course, MCB 225 Advanced Cell Biology Laboratory (see separate proposal above). This new course needs to be added to the list of laboratory courses from which MCB majors must choose at least three as part of their major. Also, the present description of the major lists MCB 259 Plant Physiology as a recommended course. That course has been dropped (CLAS minutes from 5/6/03), and mention of it should be omitted from MCB major catalog language.

3. What is the impact on regional campuses? None

4. Dates approved by:

Department Curriculum Committee: April 28, 2003

Department Faculty: 5/19/03

5. Name, Phone Number, and e-mail address of principal contact person:

Ken Noll, Chair, MCB C&C committee. 486-4688. KENNETH.NOLL@UConn.edu

2003-85

Proposal to Change an Existing Course

1. Date: May 5, 2003

2. Department: Molecular and Cell Biology

3. Nature of Proposed Change: Modify title, credits, and course listing to open enrollment for 1 credit modules of the class which can be taken independently.

4. Current Catalog Copy:

MCB 327. Laboratory Techniques in Functional Genomics.

Molecular biological techniques utilized in gene discovery and in the functional characterization of genes in animal development.

3 credits, Laboratory. Instructor consent required.

5. Proposed Catalog Copy:

MCB 327. Practicum in Functional Genomics.

Molecular biological techniques utilized in gene discovery and in the functional characterization of genes in animal development. Taught as a series of short modules, each focusing on a different set of techniques.

1 credit, Laboratory. Instructor consent required. With a change in content, this course may be repeated for credit.

6. Effective Date: Fall 2003

Justification

1. Reasons for changing this course: The first semester this course was taught (2000), the success rate for several experiments was low due to the fact that there was a restricted amount of laboratory time each week. The move to a modular format was attempted last year (2002) under the current course listing and was met with enthusiasm from the students enrolled and resulted in a 100% success rate for all experiments. As a graduate level laboratory course, 327 must include advanced molecular techniques. As such, each technique requires extensive bench time during a single day, spread over only a few days. The modular design allows for such a format. In addition, each module may be taught by a different instructor, allowing students to learn the technique from a faculty member who is a resident expert in that technique. This course will be offered every year and modules may be added, dropped or modified according to faculty participation.

2. Effect on Department's Curriculum: greater flexibility in offering the course.

3. Other Departments Consulted: none

4. Effects on Other Departments: none

5. Effects on Regional Campuses: none

6. Staffing: Rachel O'Neill serves as the coordinator for this course and is responsible for the organization, scheduling, purchase and supplies lists, student contacts, etc for every module in the course. The instructors for the modules include Rachel O'Neill, Linda Strausbaugh and Mike O'Neill. The instructors in future years will vary depending upon the modules being offered. In addition, two TA's are required for the course and are responsible for lab setup, cleanup, experimental preparation, laboratory support and monitoring of student experiments.

7. Dates approved by:

Department Curriculum Committee: 4/28/03

Department Faculty: 5/19/03

8. Name, Phone Number, and e-mail address of principal contact person:

Rachel O'Neill. Tel: 860-486-6031. email: roneill@UCONNVM.UCONN.EDU

2003-86

Proposal to Add a new Major

1. Date: August 19, 2003

2. Department or Program: Center for Interdisciplinary Studies, Individualized Major Program

3. Title of Major: Individualized Major in International Relations

4. Catalog Description of the Major:

The Individualized Major in International Relations enables students to develop a broad understanding of the rapidly changing global environment in which they will be expected to function during their professional careers. The major contributes to both the professional development and intellectual enrichment of participating undergraduate students. It has been designed to help students relate, organize, and meaningfully analyze international events, transnational relations, and the multiple entities and actors that comprise the current global system. This major is an interdisciplinary program and is both rigorous and intellectually challenging.

Requirements of the Major

I. Core Courses: 12 credits of core courses in at least 3 different departments from the following courses: ECON 242, 243, 247; HIST 249; POLS 211, 216, 217, 219, 220, 221, or 225

II. Applied courses: 6 credits from the following:

Internship in an Internationally based organization or Study Abroad or Language Proficiency (C or better in 200-level courses in a foreign language)

III. Area Studies or Thematic Focus: 18 credits from at least 3 different departments (The following are examples and students are encouraged to develop their own focus)

Area Studies: Latin America; Europe; Asia; Middle East.

Thematic Focus: Trade; Economic Development; Human Rights; Healthcare.

Interested students may contact Beth Frankel-Merenstein, Director of the Center for Interdisciplinary Studies, at “Beth.F.Merenstein@uconn.edu” for further information, including a list of courses that have been used to satisfy requirements in groups II and III; or visit the center’s website: www.imjr.uconn.edu

5. Effective Date (semester, year -- see Note R):

(Note that changes will be effective immediately unless a specific date is requested.)

Justification

1. Identify the core concepts and questions considered integral to the discipline:

The international relations major provides a general education for students seeking greater knowledge about world affairs. Decision makers in government and industry must now consider how their actions will affect people and places around the globe. International relations is a field of study concerned with the cultural, economic, environmental, military, and political interactions among the major units of the world, such as states, international organizations, transnational corporations, and nongovernmental organizations. The purposes of the major are to increase general knowledge about the history, institutions, interactions, and events of the international system; to develop insight into the objectives, beliefs, decisions, and policies of

state and non-state actors; to provide a conceptual vocabulary and diverse theoretical perspectives to help explain and interpret international behavior; to build skills in critical analysis and evaluation of global issues; to develop an appreciation and tolerance of diversity and ÅgothersÅh; and to encourage value evaluation and the solving of global problems.

2. Explain how the courses required for the Major cover the core concepts identified in the previous question:

The major is both structured and flexible, allowing students to gain a broad background in international relations and, at the same time, to specialize in a particular area. Issues such as globalization, the role of civil society in global governance, the appearance of new forms of violence, the widening poverty gap and questions of human rights are all forcing students of International Relations to be concerned with long-standing trends as well as emerging realities. In this way, while all international relations majors will share a core set of principles and themes, students are encouraged to discover their own response to global change, and develop their own particular areas of interest. The core courses required for the major include choosing courses from the Economics Department which focus on economic development and trade, courses from the Political Science Department which focus on general contemporary international politics, foreign policy, and issues of international law and trade, and one course from the History Department which focuses on the Rise of U.S. Global Power. Additionally, all students are required to either conduct an internship in an internationally based organization, spend one or two semesters studying abroad, or be proficient in a language in order to expand their international understanding. Students then draw from a variety of academic disciplines to gain a more complete picture of the issues and traditions that shape regions and nations. The Area Studies track allows students to choose classes centered around a particular region of the world while the Thematic Focus allows students to center their attentions on a particular interest within the broader realm of international relations, such as economic trade or development, human rights issues, or healthcare concerns. The curriculum is a balance of theoretical and policy oriented courses and stresses the importance of a diversity of approaches to the field.

See **Appendix 2003-86** for a more general overview: PROPOSAL FOR PROCESS OF APPROVAL OF STRUCTURED INDIVIDUALIZED MAJOR PLANS OF STUDY

See **Appendix 2003-86** for a list of COMMON COURSES FOR INTERNATIONAL RELATIONS. This list is not meant to be exhaustive, but is drawn from courses used by previous students. It will be available on the Individualized Major Program website <www.imjr.uconn.edu> as well as the IMP office, and will assist students in planning their major.

3. Attach a "Major Plan of Study" form to this proposal.

We do not have an actual plan of study because this major is still considered individualized (meaning students have some choice).

4. Dates approved:

Howard Reiter, POLS dept head, June 12, 2003; Altina Waller, HIST dept head, June 23, 2003; Kathleen Segerson, ECON dept head, June 24, 2003

5. Name, Phone Number, and e-mail address of principal contact person: Beth Frankel-Merenstein, Director of CIS, 486-3631, Beth.F.Merenstein@uconn.edu. Committee members are: Betty Hanson, Elizabeth Mahan, Metin Cosgel, Peter Kingstone, Gaunhua Wang, Jennifer Sterling-Folker, and Bill Berenston.

2003-87

Proposal to offer a 298 "Special Topics" Course

1. Date of this proposal: 25 August 2003
 2. Semester and year 298 will be offered: Fall 2003
 3. Department: Marine Sciences
 4. Title of course: Plankton Ecology
 5. Number of Credits: 3
 6. Instructor: Hans Dam/George McManus
 7. Instructor's position: Professor/Assoc. Professor
(**Note:** if the instructor is not a regular member of the department's faculty, please attach a statement listing the instructor's qualifications for teaching the course and any relevant experience).
 8. Has this topic been offered before? No
 9. If so, how many times? (maximum = 3)
 10. Short description:
This is a new course, for advanced undergraduate and beginning graduate students, focused on the ecology of planktonic (bacteria, protista and metazoa) organisms. Topics include: Framework (evolutionary ecology, methods of research), special features of aquatic habitats (e.g., gradients in physical properties, life at low Reynolds numbers), the individual in its habitat (e.g., requirements of the individual, resources, energy utilization), populations (e.g., features and control of populations), interactions (e.g., competition, grazing, predation, evolution of life histories), communities (e.g., food webs, bottom-up and top-down regulation, stability) , and ecosystems (e.g., flow of energy, cycling of matter, comparison of biomes).
 11. Please attach a sample/draft syllabus to first-time proposals. (See **appendix 2003-87**)
 12. Comments, if comment is called for:
 13. Dates approved by (see Note Q):
Department Faculty: Sept. 3, 2003
 14. Name, Phone Number, and e-mail address of principal contact person:
Hans Dam (860-405-9098) hans.dam@uconn.edu; George McManus (860-405-9164) george.mcmanus@uconn.edu
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