

CLAS Committee on Curricula and Courses
October 21, 2003

Proposals

2003-122

Proposal to: ADD A NEW COURSE

Date: 2 October, 2003.

Department: Anthropology

CATALOGUE COPY:

ANTH 2XX. Zooarchaeological Method and Theory.

Either semester. Three credits. *Munro*.

Method and theory of archaeological faunal analysis, including training in the identification of skeletal materials, the formation of the zooarchaeological record, and the interpretation of zooarchaeological data.

Effective Date of Change: Fall 2003

1. Course Number: ANTH 2XX

2. Course Title: Zooarchaeological Method and Theory

3. Semester(s) offered: Either semester

4. Number of Credits: 3

5. Number of Class Periods: 2

6. Prerequisite/Required Preparation: None

7. Any required consent/any exclusions: None.

8. Repetition for credit: No

9. Instructor in charge: Natalie Munro

10. Course description:

Method and theory of archaeological faunal analysis, including training in the identification of skeletal materials, the formation of the zooarchaeological record, and the interpretation of zooarchaeological data.

11. Semester and year in which course will be first offered: Spring 2004

JUSTIFICATION

1. **Reasons for adding this course:** This course will be taught by a new hire (Munro) who specializes in zooarchaeological research. Analytical courses in archaeological materials provide essential training for majors who intend to continue in archaeology. Animal bones—the subject of this course—are one of the major classes of material remains recovered from prehistoric and historic archaeological sites.

2. **Academic Merit:** This course adds an additional methods course to complement current

offerings including ANTH 266 Human Osteology, ANTH 267 Lithic Technology, and ANTH 357 Settlement Systems. Together, these courses provide students with an important, sound foundation in archaeological analysis.

3. **Overlapping Courses:** Overlaps slightly with ANTH 214 Introduction to Archaeological Methods which includes a short component on the identification of animal bones. This new course will provide more thorough coverage of each of the major phases of zooarchaeological research including identification, analytical methods, and theory.

4. Other Departments Consulted: None

5. Number of Students Expected: Less than 15

6. Number and Size of Section: 1 section, 15 students

7. Effects on Other Departments: None

8. Effects on Regional Campuses: None

9. Approvals Received and Dates:

Department of Anthropology Faculty Meeting: 7 October, 2002.

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

W. Penn Handwerker: Head Anthropology (860) 486-2137

Natalie Munro <Natalie.Munro@uconn.edu>

11. Staffing

No new staff required.

2003-123

Proposal to: ADD A NEW COURSE

Date: 5 October, 2003.

Department: Anthropology

CATALOGUE COPY:

ANTH 2XY. The Origins of Agriculture

Either semester. Three credits. *Munro*

The origins and spread of agriculture worldwide. Economic, social and ideological ramifications of the agricultural transition. Processes of plant and animal domestication.

Effective Date of Change: Fall 2003

1. Course Number: ANTH 2XY

2. Course Title: The Origins of Agriculture

3. Semester(s) offered: Either semester

4. Number of Credits: 3

5. Number of Class Periods: 2

6. Prerequisite/Required Preparation: None

7. Any required consent/any exclusions: None.

8. Repetition for credit: No

9. Instructor in charge: Natalie Munro

10. Course description: The origins and spread of agriculture worldwide. Economic, social and ideological ramifications of the agricultural transition. Processes of plant and animal domestication.

11. Semester and year in which course will be first offered: Fall or Spring 2004

JUSTIFICATION

1. Reasons for adding this course: This course will be taught by a new hire, Natalie Munro, who specializes in the origins of agriculture. It will expand the archaeological curriculum and will complement courses in both the New and Old World archaeology programs.

2. Academic Merit: The origins of agriculture was accompanied by massive economic, social and demographic change, and thus represents one of the most important topics in human prehistory. This course both expands and complements offerings in two of the departments existing strengths -archaeology and ecology and evolution. The archaeology program currently offers courses that cover long periods of prehistory (e.g., Old and New World Prehistory, regional prehistories of the Near East, East Asia, Africa, and North America), but lacks a comparative course that concentrates on this crucial, yet comparatively brief transformation between 10,000 and 1,000 years ago.

3. Overlapping Courses: Overlaps slightly with origins of agriculture components in courses on Old and New World prehistory and the archaeology of specific regions. This course has a much broader geographical focus extends from Southwest Asia and Europe to Southeast Asia, the South Pacific, and South and North America. This permits a comparative approach to explanations of the origins of agriculture, the domestication of plants and animals, and the spread of agriculture across the globe.

4. Other Departments Consulted: None

5. Number of Students Expected: Less than 30

6. Number and Size of Section: 1 section, 30 students

7. Effects on Other Departments: None

8. Effects on Regional Campuses: None

9. Approvals Received and Dates:

Department of Anthropology Faculty Meeting: 7 October, 2002.

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

W. Penn Handwerker: Head Anthropology (860)486-2137

11. Staffing: No new staff required.

2003-124

Proposal to: ADD A NEW COURSE

Date: 2 October, 2003.

Department: Anthropology

CATALOGUE COPY:

ANTH 2XZ. Experimental Archaeology.

Either semester. Three credits. Prerequisite: ANTH 214. *Munro, McBrearty*
Method and theory of experimental archaeology, including hands-on study of past human behavior through experimentation with modern material cultural, and the execution of an experimental research project addressing an archaeological question.

Effective Date of Change: Fall 2003

1. Course Number: ANTH 2XZ
2. Course Title: Experimental Archaeology
3. Semester(s) offered: Either semester
4. Number of Credits: 3
5. Number of Class Periods: 1
6. Prerequisite/Required Preparation: ANTH 214
7. Any required consent/any exclusions: None.
8. Repetition for credit: No
9. Instructor in charge: Natalie Munro, Sally McBrearty
10. Course description:
Method and theory of experimental archaeology, including hands-on study of past human behavior through experimentation with modern material cultural, and the execution of an experimental research project addressing an archaeological question.
11. Semester and year in which course will be first offered: Fall or Spring 2005

JUSTIFICATION

1. Reasons for adding this course: This course will be taught by archaeologists (Munro, McBrearty) who specialize in analyses of material remains (bones and stones) that derive many of their guiding principles from experimental research. This course will encourage students to design, implement, and write-up their own research program, thus providing practical training in research design--an essential skill for archaeologists and scholars in many other fields.

2. Academic Merit: This addition contributes a new methods course to complement current offerings including ANTH 266 Human Osteology, ANTH 267 Lithic Technology, and a proposed new course, ANTH 2XX Zooarchaeology. Together, these courses provide students with a crucial, sound foundation in archaeological analysis.

Overlapping Courses: Overlaps slightly with ANTH 262 Primitive Technology, which is rarely taught by archaeology faculty. Unlike Primitive Technology which focuses on the manufacture and use of simple technologies, this new course is aimed toward the design and execution of a research strategy that will resolve specific archaeological questions.

4. Other Departments Consulted: None
5. Number of Students Expected: Less than 15
6. Number and Size of Section: 1 section, 15 students
7. Effects on Other Departments: None
8. Effects on Regional Campuses: None

9. Approvals Received and Dates:

Department of Anthropology Faculty Meeting: 6 October, 2003.

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

W. Penn Handwerker: Head Anthropology (860)486-2137

11. Staffing: No new staff required.

2003-125

Proposal to offer SOCI 298 "Special Topics" Course for Fall Semester, 2004

1. Date of proposal: October 6, 2003

2. Semester and year will be offered: Fall 2004

3. Department: Sociology

4. Title of course: **Sociology 298, Interaction and Ethics in Social Research**

5. Number of credits: 3

6. Instructor: Susan A. Eisenhandler

7. Instructor's position: Assistant professor, department of sociology

8. Has this topic been taught before? No

9. If so, how many times? N/a

10. Short description:

The idea for this course comes from the increasing concern many have about issues surrounding the responsible conduct of research. These issues range broadly and may differ somewhat with respect to the larger methodological and organizational context for research. However, there are broadly defined areas as well as some specific concerns that appear regularly and ones likely to be encountered by students when they are employed in positions in social and human service agencies (as well as private businesses and corporations) or continue their education in graduate and professional schools. The main objective for the course is to ask students to read and think about the social context of research over the course of a semester rather than for a brief time in a methods course. In this way the human right to respect and dignity for all participants as well as the researcher's responsibilities to research participants will be the clear focus of study for the semester.

The course may be useful to sociology and social science students at Storrs and specifically in the Tri-campus undergraduate program (Urban and Community Studies majors, majors in the Cognitive Psychology program and in the Schools of Business and Social Work). I have checked the online catalogue of courses and have found no extant course in this area. {I surveyed current departmental listings for Anthropology; Economics; Geography; History; Philosophy; Political Science; Psychology; Sociology; and Urban and Community Studies}. The course is also suitable for early graduate education in sociology and social sciences in order to insure that all matriculating students have at least one course that addresses the social dimensions of ethical issues that arise in research processes and settings.

This course offers discussion and sociological analysis of the ethical, ideological, socio-relational, and structural dimensions that surround the process of social science research with individuals and groups. Emphasis will be given to the contextual as well as normative influences

on the research process and on interactions and aligning actions that occur among social actors in the conduct of that research. Rights of privacy and confidentiality, and the social responsibilities of all participants, is a special focus. The dimension of power as it emanates from external agencies such as institutional actors (i.e., funding agencies, work contexts, and IRBS themselves) as well as from less bureaucratic but clearly important groups like families, friends, and colleagues will also be considered.

11. Syllabus. See **Appendix 2003-125**

12. Comments: This course aims to offer a theoretically and empirically grounded undergraduate course that explores selected issues that emerge from social interaction in the research process. Specifically, issues involving social interaction within various contexts (field, face-to-face interviewing, observation), the ethical questions that arise as researchers work with others, the competing and complementary interests of research/researchers and organizations that sponsor research will be treated.

13. Dates approved by:

Department curriculum committee: September 30, 2003

Department faculty: October 6, 2003

14. Name, phone number, and e-mail address of principal contact person:

Susan A. Eisenhandler, 203-236-9854, susan.a.eisenhandler@uconn.edu

2003-126

Proposal to Cross List Courses

NOTE: This course should be considered in conjunction with **2003-120**: Add: HIST 2xx: Gender and Sexuality in Modern Europe.

1. Date: **October 10, 2003**

2. Department initiating this proposal: **Women's Studies**

3. Current Catalog Copy/Copies:

HIST 2xx. Gender and Sexuality in Modern Europe

Either semester. Three credits. *Schafer*

Construction of gender difference and ideas about sexuality in western Europe since 1789.

Masculinity and femininity; sexuality, identity and the state; European power and personhood in global context.

4. Proposed Catalog Copy/Copies:

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

HIST 2xx. Gender and Sexuality in Modern Europe

(Also offered as WS 2xx.) Either semester. Three credits. *Schafer*

Construction of gender difference and ideas about sexuality in western Europe since 1789. Masculinity and femininity; sexuality, identity and the state; European power and personhood in global context.

WS 2xx: Gender and Sexuality in Modern Europe

(Also offered as HIST 2xx.) Either semester. Three credits. *Schafer*

Construction of gender difference and ideas about sexuality in western Europe since 1789. Masculinity and femininity; sexuality, identity and the state; European power and personhood in global context.

Items included in catalog Listing:

Obligatory Items (**as would be listed on Add a Course form**)

A. Standard abbreviation for Department or Program: **WS**

B. Course Number: **WS 2XX**

C. Course Title: **Gender and Sexuality in Modern Europe**

D. Semester offered: **either semester**

E. Number of Credits: **three credits**

F. Course description: **Construction of gender difference and ideas about sexuality in western Europe since 1789. Course themes include masculinity and femininity; sexuality, identity and the state; European power and personhood in global context.**

Optional Items

G. Number of Class Periods, if not standard: **not applicable**

H. Prerequisites, if applicable: **not applicable**

I. Recommended Preparation, if applicable: **not applicable**

J. Consent of Instructor, if applicable: **not applicable**

K. Exclusions, if applicable: **not applicable**

L. Repetition for credit, if applicable: **not applicable**

M. Instructor: **Schafer**

N. Open to Sophomores: **not applicable**

O. Skill Codes "W", "Q", or "C": **not applicable**

5. Effective Date (semester, year -- see Note R): (Note that changes will be effective immediately unless a specific date is requested.): **Immediate (the History class is a new course listing, submitted Oct. 2003 as well)**

Justification

Reasons for adding this course if it is a new course: **This new course will expand and balance the department's upper-level offerings in the historical study of gender and sexuality, currently limited to one course on women and gender in the United States (WS 215). Undergraduates have expressed interest in taking this course if the Women's Studies Program were to offer it.**

Reasons for cross listing this course: **The History Department and Women's Studies have a history of cross-listing classes, and the respective directors & faculty believe that this course can fulfill the academic needs of both pools of students**

3. Other Departments Consulted (see Note N): **Only History & Women's Studies**

4. Effects on Regional Campuses: **None**

5. Staffing: **Schafer (History)**

6. Separate emails authorizing the Committee to cross list the courses named above must be sent to the Committee Chair from the head of each sponsoring department or program. Each email can be a short memo stating the name (and course number if available) of the courses involved. The position of the person sending the authorization memo should be made clear in this memo. If a course to be cross listed is offered by a department or program outside of CLAS, it is also necessary to arrange for the dean of that college to send an authorization memo to the Committee Chair.

Date: Sat, 11 Oct 2003 11:55:42 -0400

From: Marita McComiskey <marita4peace@sbcglobal.net>

To: Tom Terry <terry@uconnvm.uconn.edu>

This is to verify my approval of cross-listing "Gender and Sexuality in Modern Europe" HIST 2XX with a Women's Studies 2XX of the same name.

From: "Altina Waller" <waller@uconnvm.uconn.edu>

To: <thomas.terry@uconn.edu>

Date: Tue, 14 Oct 2003 15:07:14 -0400

The History Department is eager to have Sylvia Schafer's course on Gender and Sexuality cross-listed with Women's Studies.

7. List the name of each department, program head and dean (if necessary), their affiliation, and their respective email addresses.

Altina Waller, History, Altina.Waller@UConn.edu

Marita McComiskey, Women's Studies, Marita.McComiskey@UConn.edu

8. Dates approved by each department or program(see Note Q):

History

Department Curriculum Committee: **10/1/03**

Department Faculty: **10/1/03**

Women's Studies

Department Curriculum Committee: **10/3/03**

Department Faculty: **10/3/03**

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

WS - Marita McComiskey, Women's Studies, Marita.McComiskey@UConn.edu

2003-127

Proposal to ADD an existing course to CLAS general education group 7:
social scientific and comparative analysis

1. Date: 10/7/2003
2. Department requesting this course: Women's Studies
3. Semester and year in which course will be first offered: Spring 2003

Final catalog Listing:

WS 105. Gender in Everyday Life.
Three credits. Every semester.

Explores how the biological fact of sex is transformed into a system of gender stratification in our everyday lives. Examine the social position of women in the family, work, and politics while maintaining sensitivity to the diversity of women's experiences across class, racial-ethnic groups, cultures, and regions. Experience in introductory research methods to analyze the social construction and structural organization of gender.

Items included in catalog Listing:

Obligatory Items

1. Standard abbreviation for Department or Program: WS
2. Course Number: WS 105
3. Course Title: Gender in Everyday Life
4. Semester offered: Every semester
5. Number of Credits: 3
6. Course description: Explores how the biological fact of sex is transformed into a system of gender stratification in our everyday lives. Examine the social position of women in the family, work, and politics while maintaining sensitivity to the diversity of women's experiences across class, racial-ethnic groups, cultures, and regions. Experience in introductory research methods to analyze the social construction and structural organization of gender.

Optional Items

7. Number of Class Periods, if not standard: N/A
8. Prerequisites, if applicable: N/A
9. Recommended Preparation: N/A
10. Consent of Instructor, if applicable: N/A
11. Exclusions, if applicable: N/A
12. Repetition for credit, if applicable: N/A
13. Instructor(s) names if they will appear in catalog copy: N/A
14. Open to Sophomores: N/A
15. Skill Codes "W", "Q", or "C": N/A

Justification

1. Reasons for adding this course: This class was approved by the Senate as a General Education 7 (Social Science and Comparative Analysis) on May 13, 2002; we began offering it as such in Spring 2003. Now we need to have it added to the CLAS GedEd 7 list.

2. Academic Merit: This course is designed to provide an interdisciplinary overview of the way gender structures everyday life. It enhances WS curricula initiatives in the direction of increasing our interdisciplinary core offerings and decreasing reliance on cross-listed courses that are tied to particular departments.

Syllabus. See Appendix 2003-127

3. Overlapping Courses: None of the other introductory courses in WS (103, 104, 124) provides a sufficiently interdisciplinary overview. WS 103 emphasizes social science perspectives, WS 104 stresses feminism and the arts, and WS 124 highlights a non-western approach to women's issues. The new course (Gender in Everyday Life) offers the students an opportunity to understand the relationship between gender and everyday life from an interdisciplinary perspective while also gaining research experiences that enhances their understanding of gender analysis.

4. Number of Students Expected: So far, in the 3 sessions that this class has been offered (Spring 2003, Summer Session 1 2003 and Fall 2003), 279 students have enrolled. The plan is to offer 4 – 6 sessions of this class each semester, with a student cap of 35 (maybe 1 session in the summer), depending on funding.

5. Number and Size of Section: Multiple sections, 35 students each

6. Effects on Other Departments: None anticipated

7. Effects on Regional Campuses: None anticipated

8. Staffing: Faculty and/or GA's

9. Dates approved by:

Department Curriculum Committee: 4/18/02

Department Faculty: 4/18/02

Senate Approval: 5/13/02

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

Marita McComiskey, Director, 486-1133, marita.mccomiskey@uconn.edu

2003-128

Proposal to Add a New Course

1. Date: September 18, 2003

2. Department: Geology and Geophysics

3. Semester and year in which course will be first offered: Spring 2004

Final Catalog Listing

GEOL 323. Glacial Processes and Materials

Reconstruction of former glaciers and the interactive processes leading to the character and distribution of unconsolidated surface materials in glaciated regions. Techniques for interpreting subsurface unconsolidated materials.

3 credits, Lecture. Recommended Preparation: GEOL 251 or equivalent.

Items Included in Catalog Listing

1. Standard abbreviation of department: GEOL
2. Course number: 323
3. Course Title: Glacial Processes and Materials

4. Semester offered First Semester

We request to initially offer GEOL 323 in Spring 2004. Starting in AY 2004-2005 this course will be taught in the first (Fall) semester and GEOL 251, also taught by Professor Thorson and prerequisite to the parallel undergraduate course, GEOL 223, will be moved to the second (spring) semester.

5. Number of Credits: three credits

6. Course Description:

Reconstruction of former glaciers and the interactive processes leading to the character and distribution of unconsolidated surface materials in glaciated regions. Techniques for interpreting subsurface unconsolidated materials.

7. Number of class periods: One 2-hour class period and one 3-hour laboratory period for which field trips may be substituted.

8. Prerequisites: N/A

9. Recommend preparation: GEOL 251 or equivalent.

10. Consent of Instructor: No

11. Exclusions: Not open for credit to students who have passed GEOL 223

12. Repetition for credit: No

13. Instructor: Thorson

14. Open to Sophomores: N/A

15. Skill codes N/A

Justification

1. Reason for adding this course:

Mastery of the subject matter of this course is an essential component of the professional education of graduate students planning a career in the environmental geoscience field. Few of our incoming graduate students have had the opportunity to take such a specialized course in their undergraduate program. GEOL 323 meets that need and will be part of the set of core courses in the professional masters degree program in Applied Environmental Geoscience that we are developing.

For staffing efficiency, this course will share lectures and laboratory/field experiences with GEOL 223 Glacial Processes and Materials, a proven undergraduate elective for advanced geology students. They will also share in-class exams, but the exams will count for only half the

course evaluation for graduate students. The other half of the grade will be based on a case study in which the course content is applied to the solution of an environmental/engineering problem.

2. Academic Merit:

In New England, all field-based environmental science, engineering, and architecture takes place either within glacial materials or in bedrock/water/soil associated with them. (This is also true for the 30% of the globe affected by glaciation.) This is especially true for problems involving structural stability, waste disposal, and water supply at the watershed scale. Professionals in the fields of soils, watershed hydrology, geotechnical, and coastal studies would benefit from a more sophisticated understanding of how the properties of glacial materials influence environmental conditions and fluxes. This course will help provide that understanding (see syllabus below).

See **Appendix 2003-128** for a syllabus.

3. Overlapping courses: None

4. Number of Students Expected: 3-5 graduate students.

5. Number and size of Section: One section, taught concurrently with GEOL 223 Glacial Processes and Materials, with a total of 10-15 graduate and undergraduate students.

6. Effects on Other Departments: faculty consulted in NRME, EEB, Geography, Civil and Environmental Engineering, Plant Science, Marine Science.

7. Effects on Regional Campuses: None.

8. Staffing: Robert Thorson

9. Date approved by Geology and Geophysics Faculty and Department Head: September 24, 2003.

10. Name, phone number and email of principal contact person: Robert M. Thorson, 6-1396, robert.thorson@uconn.edu .

2003-129

Proposal to ADD A NEW COURSE

1. Date: Monday, October 6, 2003

2. Department: Geology & Geophysics

3. Semester and Year in which course will be first offered: Fall 2004

Final Catalog Listing:

GEOL 228. Applied Geophysics for Geologists and Engineers

First semester. Three credits. One 3-hour lecture period during which geophysical field demonstrations may be performed. Prerequisite: GEOL 101 or GEOL 102 or consent of instructor. *Liu*

Introductory survey of surface and borehole geophysical methods and their application to hydrogeologic, environmental monitoring, and geotechnical engineering studies. Laboratory involve geophysical field measurement, data reduction and geologic interpretation.

Items Included in Catalog Listing

1. Standard abbreviation of department: GEOL
2. Course Number: 228 Has not been used in past 30+ years
3. Course Title: Applied Geophysics for Geologists and Engineers
4. Semester offered: First Semester
5. Number of Credits: three credits
6. Course Description
Introductory survey of surface and borehole geophysical methods and their application to hydrogeologic, environmental monitoring, and geotechnical engineering studies. Demonstration of geophysical field measurement, data reduction and geologic interpretation.
7. Number of Class Periods: one 3-hour lecture period during which geophysical field demonstrations may be performed
8. Prerequisite: GEOL 101 or GEOL 102 or consent of instructor
13. Instructor: Liu

Justification

1. Reasons for adding this course:

This course is designed to introduce students in geology, environmental sciences and civil and environmental engineering to the field geophysical approach to geologic, environmental and engineering site investigation. Together with undergraduate offerings in Engineering and Environmental Geology (GEOL 229), Hydrogeology (GEOL 234) and Chemical Hydrogeology (GEOL 235), this course is part of a suite of courses that provide our geology graduates with the skills needed for employment in the environmental geosciences.

For staffing efficiency, this course will meet concurrently with GEOL 328 Applied Geophysics for Geologists and Engineers

The two upper division applied geophysics courses, GEOL 277/377 and GEOL 278/378, attract few undergraduate students. Part of the reason is the minimal exposure of geophysics to freshman and sophomore undergraduate students. This course was designed, in part, to provide an introduction to geophysics.

2. Academic Merit:

This course will introduce the principles and applications of geophysical surveys for solving a variety of geological and environmental problems. All geophysical concepts will be illustrated with simple analogies, models, and computer graphics. All applications will be illustrated by case studies at the local scale and emphasizing the local and regional problems. This course is designed to introduce students to the methods of applied field geophysics.

See syllabus, Appendix 2003-129

In-depth study of the geophysical methods introduced in this course could be fulfilled by taking GEOL 277/377 Exploration and Engineering Seismology and/or GEOL 278/378 Applied and Environmental Geophysics, at a later time and at a higher mathematical level. Field

demonstration of state-of-the-art geophysical equipment owned by the department and the U.S. Geological Survey Branch of Geophysics, located at the Depot Campus.

3. Overlapping Courses: GEOL 277/377 Exploration and Engineering Seismology and/or GEOL 278/378 Applied and Environmental Geophysics, both of which have substantial mathematics and physics prerequisites treat the material in this course in greater depth and provide the student with extensive hands-on field work.

4. Number of students expected: 3-5 undergraduate students

5. Number and size of section: One section, taught concurrently with GEOL 328 Applied Geophysics for Geologists and Engineers, with a total of 10-12 undergraduate and graduate students

6. Effects on other Departments: Discussed course with Dani Or, Director of the Environmental Engineering program, and Carol Johnson, U.S.G.S. Branch of Geophysics, Depot Campus

7. Effects on Regional Campuses: none

8. Staffing: Lanbo Liu

9. Date approved by Geology and Geophysics Faculty and Department Head: September 24, 2003

10. Name, Phone Number, and email of principal contact person: Lanbo Liu, 486-1388, Lanbo.Liu@uconn.edu

2003-130

Proposal to ADD A NEW COURSE

1. Date: Monday, October 6, 2003

2. Department: Geology & Geophysics

3. Semester and Year in which course will be first offered: Fall 2004

Final Catalog Listing:

GEOL 328. Applied Geophysics for Geologists and Engineers

Introductory survey of surface and borehole geophysical methods and their application to hydrogeologic, environmental monitoring, and geotechnical engineering studies. Laboratory involves geophysical field measurement, data reduction and geologic interpretation.

3 credits, Lecture

Items Included in Catalog Listing

1. Standard abbreviation of department: GEOL

2. Course Number: 328 Has not been used in past 30+ years

3. Course Title: Applied Geophysics for Geologists and Engineers

4. Semester offered: First Semester

5. Number of Credits: three credits

6. Course Description

Introductory survey of surface and borehole geophysical methods and their application to hydrogeologic, environmental monitoring, and geotechnical engineering studies. Demonstration of geophysical field measurement, data reduction and geologic interpretation.

7. Number of Class Periods: one 3-hour lecture period during which geophysical field demonstrations may be performed

8. Prerequisite: none

13. Instructor: Liu

Justification

1. Reasons for adding this course:

This course is designed to introduce graduate students in the Geology and Environmental Engineering programs to the field geophysical approach to geologic, environmental and engineering site investigation. Mastery of the subject matter of this course is an essential component of the professional education of graduate students planning a career in the environmental geoscience field. Few of our incoming graduate students have had the opportunity to take such a specialized course in their undergraduate program. GEOL 323 meets that need and will be part of the set of core courses in the professional masters degree program in Applied Environmental Geoscience that we are developing.

For staffing efficiency, this course will meet concurrently with GEOL 228 Applied Geophysics for Geologists and Engineers, but the graduate students will have separate exams and assignments at a more advanced level.

2. Academic Merit:

This course will introduce the principles and applications of geophysical surveys for solving a variety of geological and environmental problems. All geophysical concepts will be illustrated with simple analogies, models, and computer graphics. All applications will be illustrated by case studies at the local scale and emphasizing the local and regional problems. This course is designed to introduce students to the methods of applied field geophysics. **See syllabus for GEOL 228, Appendix 2003-129.**

In-depth study of the geophysical methods introduced in this course could be fulfilled by taking GEOL277/377 Exploration and Engineering Seismology and/or GEOL 278/378 Applied and Environmental Geophysics, at a later time and at a higher mathematical level. Field demonstration of state-of-the-art geophysical equipment owned by the department and the U.S. Geological Survey Branch of Geophysics, located at the Depot Campus.

3. Overlapping Courses: GEOL 277/377 Exploration and Engineering Seismology and/or GEOL 278/378 Applied and Environmental Geophysics, both of which have substantial mathematics and physics prerequisites treat the material in this course in greater depth and provide the student with extensive hands-on field work.

4. Number of students expected: 8-10 graduate students

5. Number and size of section: One section, taught concurrently with GEOL 228 Applied Geophysics for Geologists and Engineers, with a total of 10-15 undergraduate and graduate students

6. Effects on other Departments: Discussed course with Dani Or, Director of the Environmental Engineering program, and Carol Johnson, U.S.G.S. Branch of Geophysics, Depot Campus. It is anticipated that the Department of Civil and Environmental Engineering will seek to have this course cross listed with a number in the ENVE curriculum.

7. Effects on Regional Campuses: none

8. Staffing: Lanbo Liu

9. Date approved by Geology and Geophysics Faculty and Department Head: September 24, 2003

10. Name, Phone Number, and email of principal contact person: Lanbo Liu, 486-1388, Lanbo.Liu@uconn.edu

11. Exclusions: Not open for credit to students who have passed GEOL 228

2003-131

Proposal to Add a New Course

1. Date: 2 October, 2003
2. Department requesting this course: Ecology & Evolutionary Biology
3. Semester and year in which course will be first offered: Second semester, 2005

Final catalog Listing (see Note A):

EEB 471. Systematic Botany

Classification, identification, economic importance, evolution and nomenclature of flowering plants. Laboratory compares vegetative and reproductive characters of major families. A research paper and class presentation are required on a topic pre-approved by the instructor. *4 credits, Lecture and Laboratory. Instructor consent required.*

Items included in catalog Listing:

Obligatory Items

1. Standard abbreviation for Department or Program (see Note O): EEB
2. Course Number (see Note B): 471
3. Course Title: Systematic Botany
4. Semester offered (see Note C): Second semester, alternate years
5. Number of Credits (see Note D): four
6. Course description (second paragraph of catalog entry -- see Note K):

Classification, identification, economic importance, evolution and nomenclature of flowering plants. Laboratory compares vegetative and reproductive characters of major families. A research paper and class presentation are required on a topic pre-approved by the instructor.

Optional Items

7. Number of Class Periods, if not standard (see Note E): Two class periods and two 2-hour laboratory periods.
8. Prerequisites, if applicable (see Note F): none
9. Recommended Preparation, if applicable (see Note G): none
10. Consent of Instructor, if applicable (see Note T) 11. Exclusions, if applicable (see Note H): Consent required
12. Repetition for credit, if applicable (see Note I): no
13. Instructor(s) names if they will appear in catalog copy (see Note J): Les
14. Open to Sophomores (see Note U): no
15. Skill Codes "W", "Q", or "C" (see Note T): none

Justification

1. Reasons for adding this course: (see Note L)
To provide a formal course number for graduate students who have been enrolling in the course as an independent study
2. Academic Merit (see Note L): To provide graduate students with an advanced level course in Plant Systematics which also develops research skills

See **Appendix 2003-131** for syllabus.

3. Overlapping Courses (see Note M): none
4. Number of Students Expected: 2-5
5. Number and Size of Section: 001; 10
6. Effects on Other Departments (see Note N): none
7. Effects on Regional Campuses: none
8. Staffing (see Note P): no change
9. Dates approved by (see Note Q):
Department Curriculum Committee: 9/29/03
Department Faculty: 10/1/03
10. Name, Phone Number, and e-mail address of principal contact person:
Donald H. Les. 6-5703. les@uconnvm.uconn.edu
Kentwood D. Wells. 6-4454. kentus@uconnvm.uconn.edu

2003-132

Proposal to Change an Existing Course

1. Date: 10/14/03
2. Department: Ecology & Evolutionary Biology
3. Nature of Proposed Change: remove chemistry prerequisite from EEB 245/245W
4. Current Catalog Copy:

EEB 245. Evolutionary Biology

Second semester. Three credits. Prerequisite: Six credits of college biology and three credits of college chemistry. Open to sophomores or higher. *Caira, Henry, Holsinger, Jockusch, Simon* Introduction to evolutionary mechanisms, biogeography, and the history of major groups of plants and animals.

EEB 245W. Evolutionary Biology

Four credits. Four class periods. Prerequisite: Six credits of college biology and three credits of college chemistry; [ENGL 105](#) or [110](#) or [111](#) or [250](#). Open to sophomores or higher. Content as in EEB 245; requires major writing assignment.

5. Proposed Catalog Copy:

245. Evolutionary Biology

Second semester. Three credits. Prerequisite: Six credits of college biology. Open to sophomores or higher. *Caira, Henry, Holsinger, Jockusch, Simon* Introduction to evolutionary mechanisms, biogeography, and the history of major groups of plants and animals.

EEB 245W. Evolutionary Biology

Four credits. Four class periods. Prerequisite: Six credits of college biology; [ENGL 105](#) or [110](#) or [111](#) or [250](#). Open to sophomores or higher. Content as in EEB 245; requires major writing assignment.

6. Effective Date (semester, year -- see [Note R](#)):**Justification**

1. Reasons for changing this course: The chemistry prerequisite is a holdover from many years ago and is considered unnecessary by the current instructors in the course. All EEB and Biological Science majors have to take introductory chemistry anyway, but it is not specifically required for understanding the material in this course.
2. Effect on Department's Curriculum: none
3. Other Departments Consulted (see [Note N](#)): none
4. Effects on Other Departments: none
5. Effects on Regional Campuses: none
6. Staffing: staff
7. Dates approved by (see [Note Q](#)):
Department Curriculum Committee: 9/29/03
Department Faculty: 10/1/03
8. Name, Phone Number, and e-mail address of principal contact person:
Kentwood D. Wells, 6-4454, kentus@uconnvm.uconn.edu

2003-133

NOTE: Because 255 is a W course, this change must also be approved by the Senate.

Proposal to: CHANGE A COURSE
Date: October 15, 2003
Department: MARN

Nature of Proposed Change: Change catalog copy for MARN 255W to reflect different prerequisites

CURRENT CATALOG COPY:

MARN 255W. Coastal Studies Seminar

Second semester (Avery Point). Two credits. Prerequisite: MARN 210, 211, and 212, or consent of instructor.

Scientific analysis of coastal zone issues and their interdisciplinary implications. Written analysis and discussion of readings from the primary literature.

PROPOSED CATALOG COPY:

MARN 255W. Coastal Studies Seminar

Second semester (Avery Point). Two credits. Prerequisite: MARN 210 and 211, or consent of instructor.

Scientific analysis of coastal-zone issues and their interdisciplinary implications. Written analysis and discussion of primary literature.

Effective Date of Change: Fall 2004

JUSTIFICATION

1. Reasons for changing this course: The suggested plan of study and the scheduling of courses in the major reflect the goal of having MARN 255W taken in the junior year and MARN 212 taken in the senior year. Thus, 212 ordinarily cannot be taken first. Pedagogically, there is no reason for this prerequisite anyway.

2. Effect on Department's Curriculum: No significant effect anticipated

3. Other Departments Consulted: This course is taken almost exclusively by Coastal Studies majors. No other program or department should be affected.

4. Effects on Other Departments: None anticipated

5. Effects on Regional Campuses: No change to the present schedule at Avery Point, where MARN 255W is offered.

6. Approvals Received and Dates:

Head of Department of Marine Science approval : October 8 2003

Faculty of Department of Marine Science approval: October 8 2003

CCC of Department of Marine Science approval: September 17 2003

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

George McManus, Coastal Studies Coordinator, 405-9164

Annelie Skoog, Chair, DMS C&C Committee, 405-9220

8. Staffing: No new staffing needed

2003-134

Proposal to: CHANGE A COURSE

Date: October 15, 2003

Department: Marine Sciences

Nature of Proposed Change: Add a prerequisite.

CURRENT CATALOG COPY:

MARN 211. Coastal Systems Science II

Either semester (Avery Point). Four credits. Three hours lecture and three hours laboratory. Prerequisites: MARN 170 and any two (2) of the following: BIOL 107, 108; CHEM 127Q, 128Q; PHYS 121Q, 122Q, 131Q, 132Q. J. Kremer and Staff

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

PROPOSED CATALOG COPY:

MARN 211. Coastal Systems Science II

Either semester (Avery Point). Four credits. Three hours lecture and three hours laboratory. Prerequisites: MARN 170 and any two (2) of the following: BIOL 107, 108; CHEM 127Q, 128Q; PHYS 121Q, 122Q, 131Q, 132Q, and either a grade of B or better in MARN 210 or consent of instructor. J. Kremer and Staff

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

Effective Date of Change: Fall '04

JUSTIFICATION

1. Reasons for changing this course:

MARN 210 is the first course in the core requirements for Coastal Studies. We want to be sure that students entering the major in earnest (i.e. registering for the subsequent MARN 211) will be successful in completing it. Performance in MARN 210, we feel, will be a good predictor of such success.

2. Effect on Department's Curriculum:

The only anticipated effect is to enable us to more easily predict the enrollment in MARN 211.

3. Other Departments Consulted: None

4. Effects on Other Departments:

None anticipated. These courses are taken almost exclusively by Coastal Studies majors.

5. Effects on Regional Campuses:

Will allow better planning of course sections for MARN 211.

6. Approvals Received and Dates:

Head of Department of Marine Science approval: October 8 2003

Faculty of Department of Marine Science approval: October 8 2003

CCC of Department of Marine Science approval: September 17 2003

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

Annelie Skoog 860 405-9220

George McManus 860 405-9164

8. Staffing:

No change in staffing for this course.

End of Proposals for Oct. 21, 2003