

CAHNR Curricula and Courses Committee
Meeting Minutes Final
March 27, 2015

I. Call to order by Chair Mike Darre 1:19 pm. Members Present:

Rhonda Brownbill, Mike Darre, Sal Frasca, Deepak Joglekar, Patricia Jepson, Gary Kazmer, Stephanie Mazerolle, Tom Meyer, and Lauren Wilson.

II. Old Business:

- A. Electronic CAR form updates- ready to use for ADD, REVISE, and DROP. Still issues? Lauren Wilson and Tom Meyer had submitted courses through the new system with some problems still arising. Mike Oatley is working on them. Mike Darre said he received a couple of the forms and printed them to PDF first to save them and then could print them out

III. New Business:

- A. The Department of Natural Resources and the Environment proposes the following:

1. ADD: New Section of NRE 4695 Special Topics: Field Methods in Fish Biology.
Effective for Summer Session 1, 2015 1st time offering.

Gary moved and Lauren seconded .

NOTES: Since this is being taught during a 5 week summer session, the contact hours do not meet the standard for a lab course. During a regular semester the minimum would be 6 – 50 min periods per week over the 14 weeks or 4,200 contact minutes for a 3 credit lab course. This course seems to have only a total of 2,400 contact minutes (8 hrs x 60 min per week x 5 weeks)
We need clarification on how the course is structured between lecture and lab (Field work)

CAHNR CC 14-15- 86 (Motion to table by Sal and Seconded by Gary) MOTION TABLED

Proposed Catalog Copy:

NRE 4695 Special Topics: Field Methods in Fish Biology. Two Credits.
(Effective for Summer Session 1, 2015 1st time offering.)

This course is designed to introduce the techniques used to conduct field investigations in fish biology and fish conservation. Throughout the course there will be lectures, discussion, and hands on experience using many of the sampling gears regularly used in contemporary research. Class exercises will include trips to local streams, rivers, lakes, and marine systems to gain experience with a diverse group of species and their associated collection gears. Students will get wet!

NOTE: Special Electronic Vote approved the course for 2 credits.

CAHNR CC 14-15-86 Motion Passed for 2 credit summer session.

2. REVISE: NRE 5215 Geospatial Techniques for Environmental Management. Update Course Description. Effective Fall 2015. It was moved by Gary and seconded by Sal.

Current Catalog Copy:

NRE 5215 Geospatial Techniques for Environmental Management.

This course introduces methods and techniques for the management, display, and analysis of geospatial data. Participants will learn the scientific knowledge and technical skills to collect and effectively use geospatial data in environmental planning and problem solving. Topics addressed

include global navigation satellite positioning methods, especially the US NAVSTAR Global Positioning System (GPS) at both mapping and surveying accuracy levels, geographic information systems, remote sensing, geospatial modeling, geospatial coordinate systems, and geoprocessing tools.

Proposed Catalog Copy:

NRE 5215 Geospatial Techniques for Environmental Management

Introduction to collecting, managing, displaying, and analyzing geospatial data. Modules include geographic information systems (GIS), relational database management systems (RDBMS), Global Positioning System (GPS), geospatial modeling, geoprocessing tools.

MOTION PASSED CAHNR CC 14-15-87

B. The Department of Environmental Studies proposed the following:

1. REVISE: Environmental Studies Minor. Effective Fall 2015

Kristen Moved and Gary Seconded

Existing Catalog Description of Minor

Environmental Studies

Environmental Studies is broadly concerned with the interaction between humans and the environment. The Environmental Studies Minor is a coherent 16-credit interdisciplinary (humanities, social sciences, and sciences) program to enable students interested in social science and/or policy approaches to solve environmental problems on a local, national, and global level. This minor provides students the opportunity to focus their related area and/or electives on environmental issues. None of the courses in the minor can be used within the student's major.

Requirements

Total of at least 15 credits as follows:

- Core Courses: [EEB 2244](#) or [GSCI 3010](#)
- 3 credits from: [ANTH 3200](#), [ARE 3434](#), [ENGL 3240](#), [GEOG 3410](#), [NRE 3245](#) or [PHIL 3216](#)

Electives (*Additional 9 credits, no more than 6 from one department*):

- [AH 3175](#);
- [ANTH 3093](#), [3302](#);
- [ARE 3434](#);
- [EEB 2244](#), [3205](#);
- [ENGL 3240](#);
- [GEOG 3300](#), [3320W](#), [3410](#), [4300](#);
- [HIST/SCI 2206](#);
- [NRE 3245](#);
- [PHIL 3216](#);
- [POLS 3406](#).

In addition, [ANTH 3200](#), [EEB 2244](#), [GSCI 3010](#) may be taken as electives if not chosen core courses.

Students may also incorporate off campus study with the minor advisor's approval, such as internships, Biosphere, or study abroad.

The minor is offered jointly by the [College of Liberal Arts and Sciences](#) and the [College of Agriculture and Natural Resources](#).

Proposed Catalog Description of Minor

Environmental Studies

Environmental Studies focuses on the interaction between humans and the environment. The Environmental Studies Minor is an interdisciplinary (humanities, social sciences, and biophysical sciences) program for students interested in environmental problems on a local, national, and global level. This minor provides students the opportunity to focus their related area and/or electives on environmental issues. None of the courses in the minor can be used within the student's major.

Introductory Courses:

- All students must take: EVST 1000
- NRE 1000 and BIOL 1102 are recommended.

Core Courses (9 credits).

All minors must take 1 course from each core area. Additional core courses in a single category can be applied to the additional minor requirements beyond the core requirements.

Humanities Core:

PHIL 3216;
HIST 3540 or HIST 3542;
ENGL 3240 or ENGL 3715 or JOUR 3046

Social Sciences Core:

ARE 3434 or ARE 4462 or ECON 3466;
NRE 3245;
NRE 3246;
POLS/EVST 3412

Natural Science Core:

EEB 2208,
GEOG 3400,
AH 3175,
GSCI 3010;
NRE 4170

Additional requirements for the minor (6 credits):

In addition, environmental studies minors must take 6 credits of electives at the 2000 level or above, as approved by the program director or academic advisor. Courses listed above that are not used to meet the core requirements may be used to meet this requirement.

Total Credits (2000-level or above) 15 credits.

Students may also incorporate off campus study with the minor advisor's approval, such as internships, Biosphere, or study abroad. The minor is offered jointly by the [College of Liberal Arts and Sciences](#) and the [College of Agriculture and Natural Resources](#).

MOTION PASSESD CAHNR CC 14-15-88

C. The Department of Nutritional Science proposes the following:

1. ADD: NUSC 5398 - Special Topics: Regulation of Food Intake and Energy Balance – Effective Spring 2016. 1st time offering. Rhonda moved and Sal seconded.

Proposed Catalog Copy:

NUSC 5398 – Regulation of Food Intake and Energy Balance. Three Credits.
Prerequisites: NUSC 5200 - Macronutrient Metabolism.

This course will focus on the central and peripheral regulation of energy balance and how this affects body weight and risk for chronic disease. Topics will explore: 1) adipose tissue structure/function in energy balance; 2) the complex interactions between genetic and environmental factors and their impact on energy storage and partitioning; 3) the integration of peripheral and neuronal signals in regulating appetite and energy expenditure; 4) the dysregulation of energy balance and health consequences. In addition, a special focus will be on the relative contribution of genetic and metabolic factors, diet, and exercise on the pathophysiology of obesity and clinical aspects of disease management.

MOTION PASSESD CAHNR CC 14-15-89

IV. Report from Academic Programs: Pat Jepson discussed the electronic plan of study that is now activated for CAHNR students planning to graduate in August or December. The students should be filling these out the semester prior to their planned graduation **after** registering for classes for their final semester. They need to make sure they put in the COMMENT box the 2000 level courses they intend to use for their 36 credits for the major not already pre-approved. The advisor can then either accept or reject the final plan. If accepted it goes to the Dept. Head and then to the registrar.

Pat was also going to speak to the grad school about the course descriptions in the grad catalog.

V. Other Business:?

VI. Time and Place of next meeting. April 17, 2015. 1:15 pm WBY 209

VII. The meeting was adjourned at 2:15 pm