

CANR Curricula and Courses Committee
Final Meeting Minutes
April 20, 2012
2:30 pm Room 207 WBY

I. The meeting was called to order at 2:41 pm by Chair Mike Darre. Members present: Marilyn Altebello, Rhonda Brownbill, Sandra Bushmich (sitting in for Sal Frasca), Mike Darre, George Elliott, Susan Gregoire, Pat Jepson, Gary Kazmer, and Jason Vokoun (sitting in for Mark Rudnicki)

II. The minutes of April 6, 2012 were approved as distributed.

III. Old Business: None

IV. New Business:

A. The Department of Agriculture and Resource Economics proposes the following:

1. ADD: ARE 6695 – Special Topics – Applied Research in Environmental and Resource Economics. Effective Fall 2012

This course develops a broad perspective on the peer-reviewed literature concerning the frontier areas of contemporary environmental economics, with an emphasis on incentive and market-based approaches to ecosystem services, valuation of environmental quality and assets, interface between experimental and environmental economics, including such topics as land use change, conservation, pollution control, water resource services, forest ecosystem management. Students will develop critical thinking skills evaluating published studies and identifying gaps in methodology and knowledge for future research

MOTION PASSED CANR CC 11-12-71

2. REVISE: ARE 6474 Industrial Organization: Advanced Empirical Analysis.

Change the Title to:

ARE 6474 Empirical Industrial Organization I. Effective Fall 2012

MOTION PASSED CANR CC 11-12-72

3. ADD: ARE 6476 Empirical Industrial Organization II. Effective Fall 2012

Proposed Title and Catalog Copy:

ARE 6476 Empirical Industrial Organization II.

This course builds on Empirical IO I and explores the use of advanced applied methods to gauge consumer demand, firm conduct and relevant policy implications. The empirical methods covered include both structural models, static or dynamic, and reduced forms. To this end, we will discuss papers in class demonstrating these methods. The emphasis will be data, sources of identification, and estimation techniques.

MOTION PASSED CANR CC 11-12-73

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

1. ADD: NRE 4340 Environmental Toxicology Effective Fall 2012

Proposed Title and Catalog Copy:

NRE 4340 Environmental Toxicology

Three credits. Recommended preparation: a course in statistics. Open to juniors or higher. *Bosker*.

Understanding impacts of contaminants on the environment. Topics include uptake, bioaccumulation and elimination of contaminants, use of laboratory and field tools to measure impacts, responses in organisms, and existing and emerging areas of ecotoxicology (pesticides, nutrients, pharmaceuticals). Labs are focused around further exploring toxicant fate and effects in ecosystems.

Discussion resulted in minor changes to catalog copy, such as stating “a course in statistics and adding the phrase open to juniors or higher.

MOTION PASSED CANR CC 11-12-74

2. ADD: NRE 4370 Population Dynamics. Effective Fall 2012

Proposed Title and Catalog Copy:

NRE 4370 Population Dynamics. Three credits. Open to juniors or higher; advanced sophomores (above 50 credits) may be considered. Recommended preparation: Stats 1100Q, Math 1060Q, and Math 1110Q or higher, and NRE 3345. *Rittenhouse*

How population dynamics models are used in science and in the management of fish and wildlife populations, factors influencing population dynamics. Design, evaluation, and use of a population model.

Discussion resulted in minor changes to the catalog copy.

MOTION PASSED CANR CC 11-12-75

3. REVISE: NRE Fisheries and Wildlife Conservation concentration. Effective Fall 2012

Current Catalog Copy:

Fisheries and Wildlife Conservation

EEB 2214, 2244 or 2244W; NRE 2345, 3245, 3246, and 3335 or 4335

One course from the following: EEB 3254, 3265, 4200 or 4260 and 4261

Two courses in addition to those selected above from among the following: EEB 2208, 3247, 3254, 3265, 4200, or 4260 and 4261; NRE 3305/EEB 3307; NRE 2415, 2325, 3105, 3155, 3205, 3315, 3335, 3345W, 3475, 4335, 4455, 4665

Revised Catalog Copy:

Students must pass the following courses:

EEB 2214, 2244 or 2244W; NRE 2345, 3245, 3246, and 3335 or 4335, 4370

One course from the following: EEB 3254, 3265, 4200 or 4260 and 4261

One course from the following: EEB 2208, 3247, NRE 2325, 3105, 3205, 3345 or 3345W, 4340, 4455.

MOTION PASSED CANR CC 11-12-76

C. The Department of Animal Science proposes the following:

1. ADD: ANSC 1111. Principles of Animal Nutrition and Feeding Effective Fall 2012

Proposed Title and Catalog Copy:

ANSC 1111. Principles of Animal Nutrition and feeding. Second semester. Three credits. Two class periods and one 2-hour discussion and laboratory period. Not open for credit to students who have passed ANSC 2111. Concurrently taught with SAAS 113. Instructor TBD.

This course focuses on digestive anatomy of various species and the classes of nutrients including their digestion, metabolism and sources. Nutrient requirements and feeding standards for various classes of livestock for reproduction, lactation, growth, work and maintenance are included as well as companion animals, exotics and aquatics. Classes of feedstuffs, their characteristics and proper utilization will be discussed. Attention will also be given to characteristics of common feedstuffs and to formulating rations and nutritional programs for animal enterprise. .

MOTION PASSED CANR CC 11-12-77

2. DROP: ANSC 2111. Principles of Animal Nutrition. Effective Fall 2013

MOTION PASSED CANR CC 11-12-78

D. Other Departmental Business. NONE

V. Report from Academic Programs:

Pat Jepson mentioned that since Animal Science will be offering a special topics on exercise physiology with a "W" component, that it should meet all the normal "W" requirements so that anyone taking the class will be able to get it substituted as a departmental "W" class.

She also asked that we think about how we would go about incorporating a "W" component in study abroad courses and also said we should consider applying for CA 4 approval for our study abroad in Florence, Italy course.

We also discussed the need to keep the Individualized major option in CANR. Just a reminder that students opting for this need to have a minimum of 18 credits from CANR courses.

VI. Other Business:

1. Grades and Credit for Study Abroad (See attached)

We discussed the need for some oversight on the Study Abroad program and some standards for how credits and grades are handled for these courses.

Since there is no more projected business for the CANR CC for the 2011-12 academic year, the committee is adjourned until September 7, 2012.

VII. Adjourn The meeting adjourned at 4:03 pm.