

CANR Curricula and Courses Committee
Minutes
April 15, 2011

- I. The meeting was called to order at 2:13 pm by Chair Mike Darre. Members present: Marilyn Altebello, George Elliott, Cameron Faustman, Sal Frasca, Rhonda Brownbill, Susan Gregoire, Gary Kazmer and Mark Rudnicki. (Pat Jepson was excused).
- II The minutes of April 1, 2011 were approved with correction of minor typographical errors.
- III. Old Business: Electronic CAR for the CANR is still in progress, no update at this time.

IV. New Business

A. Natural Resource and the Environment

1. ADD: NRE 3500 Exurban Silviculture Effective Spring 2012

Proposed Title and Complete Catalog Copy:

NRE 3500 Exurban Silviculture. Spring semester. 4 credits. Lecture and Lab.
Prerequisite: NRE 2415 Recommended preparation: NRE 2455. No repeat for credit. Graded. Rudnicki.

Application of ecological principles in controlling forest establishment, composition, health and growth. Study of cultural treatments that maintain and enhance desired benefits from the forest on a sustainable basis, with an emphasis on the diverse needs and values of landowners and society within the exurban forest.

Motion Passed CANR CC 10-11-76

2. REVISE: NRE 4455 Forest Ecology Effective Fall 2012

Change from 4000 to 3000 or 2000 level; Update of catalog- remove open to juniors and higher restriction ; change prerequisite to recommended preparation.

Current Catalog Copy:

4455 Forest Ecology (Formerly offered as NRME 4455) First Semester, Three credits. Two class periods and one 3-hour laboratory. Prerequisite: NRE 2415, may be taken concurrently; open to juniors or higher. Rudnicki
Ecological basis of forest management. Ecological diversity and relationships to the physical environment (light, temperature, soil, etc.); the influence of time (succession, disturbance, stand dynamics) and space (landscape ecology, ecosystem management) on forest ecosystem dynamics; forest production ecology and nutrient cycling. Laboratory will be in the field or in computer lab.

Revised Catalog Copy:

X455 Forest Ecology (Formerly offered as NRE 4455) First Semester, Three credits. Two class periods and one 3-hour laboratory. Recommender

preparation: NRE 2415, may be taken concurrently; Not open for credits to students who have passed NRE 4455. Rudnicki

Forest structure and functional processes and their relation to physical environment (light, temperature, water, soil); the influence of time (succession, disturbance, stand dynamics) and space (landscape ecology, ecosystem management). Laboratory will be in the field or computer lab.

Motion on hold till course number provided. CANR CC 10-11-77

3. REVISE: NRE 4475 (old 3475) Forest Management Effective Fall 2012
Change from 3000 to 4000 level

Current Title and Catalog Copy:

NRE 3475, Forest Management, spring term-odd years, 4 credits, two 1.5hr lectures with 4hr lab, Prerequisite NRE 2415, open to juniors or higher.

An introduction to forest mensuration, ecology, silviculture, and multiple-use management. Field trips required.

Revised Title and Catalog Copy: NRE 4475, Forest Management, spring term-odd years, 4 credits, two 1.5hr lectures with 4hr lab, Prerequisite NRE 2415, Recommended preparation NRE 3500, open to juniors or higher.

Application of forest mensuration, ecology, and silviculture in sustainable forest management. Field trips required.

Motion Passed CANR CC 10-11-78

4. REVISE: Forest Resources Concentration Effective Fall 2012

- a. Name change – proposed: Sustainable Forest Resources
- b. Incorporate above course changes
- c. Update of fish and wildlife course number (drop NRE 1315 & add NRE 2345)
- d. Drop NRE 3335 Wildlife Management from concentration
- e. Drop PLSC 3840 Integrated Pest Management from concentration
- f. Update geospatial requirement (Drop NRE 3252 & add NRE 4544 or NRE 4545)

PROPOSED EFFECTIVE DATE – Fall 2012

Proposed Forest Resources concentration (total credits 27 to 34) (~~total credits 30 to 36~~)

(Passed NRE C&C 3/25/11)

Change Name To: Sustainable Forest Resources

Students must pass the following courses (21-26 credits):

Course	Crs	Name	Semester	Action
NRE 1315	3	Introductory Wildlife Ecology and Conservation	Fall, every year	Drop
NRE 2345	3	Introduction to Fisheries and Wildlife	Fall, every year	Add

NRE 2415	3	Dendrology	Fall, every year	
NRE 2455(4455)	3	Forest Ecology	Fall, every year	Revise
NRE 3125	3	Watershed Hydrology	Spring, alternate even	
NRE 3335	3	Wildlife Management	Spring, every year	Drop
NRE 3500	4	Exurban Silviculture	Spring, every year	Add
NRE 3690	1-6	Field Study Internship	All	
NRE 4475(3475)	4	Forest Management	Spring, alternate odd	Revise
PLSC 3840	3	Integrated Pest Management	Spring, every year	Drop

Choose one the following (3-4 credits):

Course	Crs	Name	Semester	Action
NRE 3252	4	Geographic Information Science for Natural Resources Management	Spring, every year	Drop
NRE 4544	3	Application of Surveying for Natural Resources	Fall, every year	Add
NRE 4545	4	Geodesy	Spring, every year	Add
NRE 4575	4	Natural Resource Applications of GIS	Fall, every year	

Choose one the following (3 or 4 credits):

Course	Crs	Name	Semester	Action
NRE 3246	3	Human Dimensions of Natural Resources	Fall, every year	
ARE 3434	3	Environmental and Resource Policy	Either, every year	
ARE 3434 & ARE 3400W	4	Environmental and Resource Policy	Either, every year	

Motion Passed CANR CC 10-11-79

B. Plant Science and Landscape Architecture

1. ADD: A new section to PLSC 5898 Topics in Plant Science Effective Fall 2011

Urban Horticulture

First semester. Three credits. Two class periods and one 2-hour laboratory. Sustainable establishment and management of constructed landscapes and effective use of plants in urban-suburban environment. Principles of site assessment, plant selection, installation, and establishment. Special

management situations and novel horticultural practices in modified environments. Field trips and workshops are part of this class.

Motion Passed CANR CC 10-11-80

2. ADD: PLSC 3995 Special Topics – Eco House Seminar Effective Fall 2011

Proposed Title and Complete Catalog Copy:

PLSC 3995 - Special Topics - EcoHouse Seminar. Either semester. One Credit. Meets once a week. Lecture followed by discussion sections. Participation in EcoHouse preferred. Instructor consent required. May be repeated for credit. Letter graded. Westa.

Presentations and discussions related to the environment and sustainability.

Motion Passed CANR CC 10-11-81

3. REVISE: HORT 2560W – change enrollment to majors, others by consent. Effective Spring 2012

Current Title and Catalog Copy:

2560w Written Communications in Horticulture. First semester. One credit. prerequisite ENGL 1010 or 1011 or 3800. Lubell.

Writing as a component of communicating facts and opinions in the theory and practice of Horticulture. Assignments will reflect forms of writing commonly encountered by professional horticulturists, including descriptive brochures, articles for mass media, extension bulletins, and technical manuals.

Revised Title and Catalog Copy:

2560W Written Communications in Horticulture. Second semester. One credit. Open to Horticulture or Turfgrass Science majors others by consent.

Prerequisite ENGL 1010 or 1011 or 3800. Lubell.

Writing as a component of communicating facts and opinions in the theory and practice of Horticulture. Assignments will reflect forms of writing commonly encountered by professional horticulturists, including descriptive brochures, articles for mass media, extension bulletins, and technical manuals.

Motion Passed CANR CC 10-11-82

C. Allied Health Sciences

1. ADD: INTD 3995 Introduction to Public Health course for the Fall 2011 semester as a third time offering.

Rationale: The Council of Deans met Tuesday (4/5/11) and voiced their support for moving forward toward building and sustaining public health education at Storrs. To this end, the CUPHI group (Stan Wolfe) is requesting that the *Introduction to Public Health* course be taught as INTD 3995 for the fall 2011 semester. This will be the 3rd offering for this course. UICC met 4/11/11 to consider and vote on this motion. (They did not consider this action) Pending approval, this course will also need CANR approval to be scheduled for fall 2011.

Motion Passed CANR CC 10-11-83

2. ADD GPAH 5715 Current Topics in Clinical Genetics Effective Fall 2011

Rationale: This course will ensure advances in genomics are presented to engage and educate health professionals and students through primary literature review. This course will be targeted to Professional Science Masters in Health Care Genetics students, as well as to students in the GPAH and the PSM in Applied Genomics programs. Students in other departments will be enrolled on a space-available basis.

Proposed catalog copy:

GPAH 5715. Current Topics in Clinical Genetics

First semester odd years. One credit. Recommended preparation: a course in human genetics. Open by instructor consent.

Exploration of current research and advances in clinical genetic diagnosis and testing through primary literature review.

Motion Passed (Electronic vote) CANR CC 10-11-85

D. Nutritional Science

1. ADD: NUSC 4295-001: Special Topics. Effective Fall 2011
Dietary Supplements and Nutraceuticals 2 Credits.

This course will provide students with an understanding of the uses, effectiveness, and safety of nutraceuticals, botanicals, herbals, and dietary supplements

Motion Passed CANR CC 10-11-84

E. Other Departmental Business. AHS would like to add a new Graduate Special Topics Course for the fall of 2011. This would be a three credit offering. The committee agreed to vote electronically once description is finalized. (See item C.2 above)

V. Report from Academic Programs:

A. Cameron Faustman passed out the new recruitment booklet from the CANR.

VI. Other Business: None

VII. The meeting was adjourned at 3:40 pm. Next meeting is May 13, 2011 if required.