

CAHNR Curricula and Courses Committee  
Meeting Minutes FINAL  
**1:30 Pm November 4, 2016**  
WBY 209

**I. Welcome - Call to order by Chair Mike Darre at 1:37 pm.**

Members present: Emma Bojinova, Mark Brand, Rhonda Brownbill, Mike Darre, Sal Frasca, Pat Jepson, Gary Kazmer, Jon Rizzo, and Lauren Wilson. (Guests: Mansour Ndiaye, Katrina Higgins and Gustavo Nanclares)

**II. Old Business:**

The Departments of Agriculture and Natural Resources, and Extension propose the following:

1. ADD: AGNR 5500 Leadership Development in Extension Education. Effective Fall 2016

Discussion: The syllabus does not delineate the difference in requirements for the graduate students as opposed to the undergraduates taking this joint taught course with AGNR 4500. The catalog description needs to add the statement "Not open to students who have passed AGNR 4500"

MOTION TABLED CAHNR CC 15-16-121 **TABLED**

**III. New Business:**

A. The Department of Plant Science and Landscape Architecture proposes the following:

1. ADD: HORT 3550 Urban Plant Systems Construction and Maintenance (CAR #430) Effective Spring 2017 (Mark and Gary)

**Proposed Catalog Copy:**

HORT 3550 Urban Plant Systems: Construction and Maintenance Three credits.

Recommended preparation: BIOL 1110, HORT 3410, HORT 2430. Taught with SAPL 550. Kuzovkina.

Technical information on the effective construction and maintenance of planted systems. Structural and functional components of plant systems. Provision of ecosystem services. Overviews of a wide spectrum of planted systems including streetscaping, green roofs and green walls, rain gardens and bioretention, and phytoremediation systems. Techniques of soil modification. Plant selection. Establishment and maintenance of woody and herbaceous plants: planting, preservation, pruning, mulching, irrigation, and fertilization.

MOTION PASSED CAHNR CC 16-17-24

2. DROP: HORT 3765 Phytotechnology: use of plants for ecosystem services (CAR #428)  
Effective Spring 2017 (Mark and Emma)

MOTION PASSED CAHNR CC 16-17-25

3. DROP: HORT 2750 Landscape Plant Maintenance (CAR #409 Brand)  
**Effective Fall 2017** (Mark and Lauren)

MOTION PASSED CAHNR CC 16-17-26

4. DROP: PLSC 4215 Plant Physiology Lab: Investigations into How Plants Work (CAR #385) Effective Spring 2017 (Mark and Lauren)

MOTION PASSED CAHNR CC16-17-27

5. ADD: TURF 3150 Advanced Turfgrass Management (CAR #427 Henderson) Effective Spring 2017 (Mark and Jon)

**Proposed Catalog Copy:**

TURF 3150. Advanced Turfgrass Management Three credits. Three class periods.  
Prerequisite: TURF 1100; Corequisite: SOIL 2120. Taught with SAPL 315. Henderson.

Effects of environmental stresses and turfgrass management practices on growth, development and physiology of turfgrasses. Implementation of proper management practices to promote optimal turfgrass health under stress conditions.

MOTION PASSED CAHNR CC 16-17-28

6. DROP: SOIL 3520 Urban and Sports Turf Soils (CAR #422) **Effective Fall 2017** (Mark and Sal)

MOTION PASSED CAHNR CC 16-17-29

7. DROP: TURF 2200 Athletic Field Management (CAR #421) Effective Spring 2017 (Mark and Rhonda)

MOTION PASSED CAHNR CC 16-17-30

8. DROP: TURF 3200 Turfgrass Physiology and Ecology (CAR #465) Effective Spring 2017 (Mark and Emma)

MOTION PASSED CAHNR CC 16-17-31

9. DROP: TURF 3200W Turfgrass Physiology and Ecology (CAR #462) Effective Spring 2017 (Mark and Sal)

MOTION PASSED CAHNR CC 16-17 32

10. ADD: PLSC 2110W Sustainable Plant Pest Management Communication, (CAR #361)  
Effective Fall 2017 (Mark and Lauren)

**Proposed Catalog Copy:**

PLSC (SPSS) 2110W. Sustainable Plant Pest Management Communication. One credit.  
Prerequisite: ENGL 1010 or 1011 or 2011. Open only to Sustainable Plant and Soil  
Systems majors; others by consent. Ellis.

Communication of contemporary topics that address the impacts, economic  
importance, identification, and sustainable management of new and emerging plant  
pests in agricultural and landscape settings. Plant pests will include insects, mites,  
weeds/invasive plants, and diseases of food and non-food (ornamental) crops.  
Connections with UConn Extension and real-world pest occurrences will be  
incorporated.

MOTION PASSED (with revisions to catalog copy as marked in red) CAHNR CC 16-17-33

11. DROP PLSC 3055 Genetically Engineered Crops from Farm to Fork (CAR #456)  
Effective Spring 2017 (Mark and Rhonda)

MOTION PASSED CAHNR CC 16-17-34

12. ADD: PLSC 1120 Introduction to Plant Science (CAR #319) Effective Fall 2017 (Mark  
and Jon)

**Proposed Catalog Copy:**

PLSC 1120. Introduction to Plant Science Four credits. Three class periods and one 2-  
hour laboratory period. Taught with SAPL 120. Lubell

Basic concepts of plant anatomy and physiology are used to understand practical issues  
in production of agricultural and horticultural crops. Developmental stages of crop  
plants from seed through vegetative growth and flowering to harvest. Included topics  
are mineral nutrition, water relations, photosynthesis, respiration, reproduction,  
tropisms, climate effects, and breeding and development of improved crop plants.  
Relationships between the physiology of plants and crop production practices. CA 3-LAB.

MOTION PASSED CAHNR CC 16-17-35

13. REVISE: PLSC 5150 Design and Analysis of Agricultural Experiments (CAR #466)  
Change catalog description. Effective Spring 2017 (Mark and Sal)

**Current Catalog Copy:**

PLSC 5150 Design and Analysis of Agricultural Experiments.

The design and analysis of experiments commonly conducted in agricultural field,  
greenhouse, and laboratory research. Presentation of summarized data using computer  
generated graphics from printers, plotters, and film recorders will be covered. Emphasis

is placed on use of computers (mainframe and personal) and appropriate computer programs (e.g., SAS, Sigma Plot).

**Proposed Catalog Copy:**

PLSC 5150 Design and Analysis of Agricultural Experiments.

Design and analysis of experiments commonly conducted in agricultural field, greenhouse, and laboratory research. Emphasis on replicated treatment experiments based on completely random, randomized block, Latin square, split-plot, and split-block designs. Limited coverage of non-replicated treatment observational-type experiments. Statistical analyses performed primarily in SAS (Statistical Analysis System) software. Presentation of summarized data using computer generated graphics from various software packages.

MOTION PASSED CAHNR CC 16-17-36

14. REVISE: PLSC 3830 Insect Pests of Ornamentals and Turf (CAR #602) Change Title and Catalog Description. Effective Fall 2017 (Mark and Emma)

**Current Catalog Copy:**

PLSC 3830 Insect Pests of Ornamentals and Turf First Semester, even-numbered years. Three credits. Two class periods and one 2-hour laboratory. Legrand.

Biology and management of insects with an emphasis on pests of ornamentals and turf. Identification of key pests and their damage symptoms, monitoring insect populations and management strategies and tactics.

**Proposed Catalog Copy:**

PLSC 3830. Horticultural Entomology ~~First semester~~. Three Credits. Two class periods and one two-hour laboratory. Legrand.

Identification and management of insects pests found in food crops, ornamental plants and turfgrass. Biology of key pests and their damage symptoms, monitoring and management tactics will be covered along with identification and use of beneficial insects employed in pest management.

MOTION PASSED CAHNR CC 16-17-37

15. REVISE: HORT 3620 Vegetable Production (CAR #397) (Mark and Jon)

**Current Catalog Copy:**

HORT 3620 Vegetable Production. Fall 4 credits, MWF lecture F lab, Instructor name: Gerald Berkowitz, catalog copy: Fundamentals of soil management and crop plant husbandry as applied to commercial vegetable production and home gardening. Horticultural principles of crop growth. Focus is on sustainable practices. Field laboratory will consist of field trips (some outside designated

laboratory time) during the early part of the semester to organic and conventional farms to observe production and marketing practices. Field trips required. Taught jointly with SAPL 620.

**Proposed Catalog Copy:**

~~SPSS~~ HORT 2620-~~001~~ Organic and Sustainable Vegetable Production. ~~Fall~~ 4 credits, ~~MWF~~ lecture-F lab, ~~Instructor name: Gerald-Taught jointly with SAPL 620.~~ Berkowitz, ~~catalog copy:~~ Fundamentals of soil management and crop plant husbandry as applied to vegetable production. Horticultural principles of crop growth. Focus is on sustainable and organic practices. Field laboratory will consist of required trips (some outside designated laboratory time) during the early part of the semester to organic and conventional farms ~~Taught jointly with SAPL 620.~~ Berkowitz

MOTION PASSED (with revisions shown in red) CAHNR CC 16-17-38

B. The Department of Agricultural and Resource Economics proposes the following:

1. ADD: ARE 3686 Business Organization and Labor Markets. (CAR 603) Effective Fall 2017 (Emma and Rhonda)

**Proposed Catalog Copy:**

ARE 3686. Business Organization and Labor Markets. Fall. 3 credits. Prerequisite: ARE 3150 or 2150. ~~Students~~ Not open to students who passed ARE 3221 in Fall 2016. ~~cannot enroll.~~

~~This course will introduce students to the~~ Analytical tools that economists use to evaluate the organizational and hiring decisions of firms. Emphasis ~~will be placed~~ on the effect of government policies and programs on how many workers are hired, how much they are paid, and how other forms of compensation are structured. Specific areas of consideration may include ~~the following topics:~~ minimum wages, federal income tax, payroll and self-employment taxes, unemployment insurance, immigration, health insurance, retirement account contributions, the use of contractors in place of employees (the so-called “gig economy.”), legal form of organization, and business liability. ~~This course will place a~~ Special emphasis on using original sources, including federal statistical agency data products, reports from federal oversight bodies, US Code, and IRS publications.

MOTION PASSED (with revisions as shown in red) CAHNR CC 16-17 39

2. REVISE: ARE 3235 Marine Resource and Environmental Economics. Change the course number, title, and description and add CA2 designation (to become ARE 2235 Marine Economics and Policy). Effective Spring 2017 (CAR 514) (Emma and Mark)

**Current Catalog Copy:**

ARE 3235. Marine Resource and Environmental Economics Three credits. Recommended preparation: ARE 1150 or ECON 1200 or ECON 1201.

Fundamental theory, methods, and policy implications of environmental and resource economics, with an emphasis on coastal and marine environments. Topics include pollution policy, fisheries, water quality and allocation, international trade, wildlife and biodiversity, land use, and economic valuation. Designed for students with diverse departmental affiliations.

**Proposed Catalog Copy:**

ARE 2235. Marine Economics and Policy Three credits. Recommended preparation: ARE 1150 or ECON 1200 or ECON 1201. Taught concurrently with MAST 2235.

Fundamental theory, methods, and policy implications of environmental and resource policies and economics, with an emphasis on coastal and marine environments. Topics include fisheries management, aquaculture production, marine biodiversity, non-renewable and renewable ocean energy, marine pollution, international ocean governance, anthropogenic climate change impacts, and integrated management and conservation approaches. Designed for students with diverse departmental affiliations. CA 2.

MOTION PASSED CAHNR CC 16-17-40

C. The Department of Animal Science proposes the following:

1. ADD: ANSC 5619 Signaling Pathways. Effective Fall 2017-~~(CAR 461)~~ (Gary and Mark)

**Proposed Catalog Copy:**

~~Course: ANSC 5619~~ Signaling Pathways, ~~ANSC5619, Fall semester~~, 3 credits, lectures and discussion Prerequisite: ~~previous~~ 3 credit course on cell, molecular biology, or biochemistry ~~Consents of instructor: not required Instructor: Young Tang~~ ~~Course description:~~ Principles of cell signaling transduction. Major cellular regulatory pathways and interactions between pathway components. Regulatory mechanism of various cellular processes via specific signaling network, and methods used for studying cell signaling pathways.

MOTION PASSED CAHNR CC 16-17-41

**IV. Report from Academic Programs:** Scholars night is next Wednesday.

**V. Other Business:** Mansour Ndiaye, Katrina Higgins and Gustavo Nanclares came to our committee to discuss changing the current rules on Dual Degree or Additional Degree. They propose changing the 30 additional credit requirement to be more flexible. An exception to this requirement was approved for dual degrees involving the NEAG School of education and CLAS. The curriculum, which allowed students

to complete a degree in the school of Education and a degree in the College of Liberal Arts and Sciences with only 120 credits, was approved in response to State of Connecticut teacher accreditation requirements. The hope now is that we may allow these same benefits to any student who wishes to pursue degrees in different UConn schools and colleges. This proposed change needs to be discussed with the faculty of each department within the CAHNR.

How a proposal such as this is worded is important. Perhaps something like there must be at least 36 unique credits between degrees.

**VI. Time and Place of next meeting. November 18, 2016 209 WBY ??**

**VII. Adjourn 3:52 pm.**