

CANR Curricula and Courses Committee
Meeting Minutes Final
October 18, 2013
1:00 pm Room 209 WBY

- I. The meeting was called to order at 1:09 pm by Chair Mike Darre.
 - a. Members present: Marilyn Altobello, Rhonda Brownbill, Mike Darre, George Elliott, Sal Frasca, Susan Gregoire, Pat Jepson, Tom Meyer (For Mark Rudnicki)

- II. The minutes of September 20, 2013 were approved after a minor revision to item CANR CC 12-14-10. .

- III. Old Business:
 - A. Pat Jepson reminded everyone about reviewing catalog copy for their courses as well as the departmental descriptions of the courses.

- IV. New Business:
 - A. The Department of Animal Science proposed the following:
 - 1. REVISE: ANSC 3452 Horse Breeding Farm Management. Change ANSC 2251 from recommended preparation to prerequisite. Effective Spring 2014
 - Current Title and Catalog Copy:**
ANSC 3452. Horse Breeding Farm Management. Three credits. One class period and two 2-hour laboratory or discussion periods. Prerequisite: Open to juniors or higher. Recommended preparation: ANSC 2251.

 - Designed to develop technical and managerial skills necessary for operating horse breeding farms. Programs for herd health, hoof care, nutrition, breeding, foaling, and record keeping will be included.

 - Revised Title and Catalog Copy:**
ANSC 3452. Horse Breeding Farm Management. Three credits. One class period and two 2-hour laboratory or discussion periods. Prerequisite: Open to juniors or higher. Prerequisite: ANSC 2251.

 - Designed to develop technical and managerial skills necessary for operating horse breeding farms. Programs for herd health, hoof care, nutrition, breeding, foaling, and record keeping will be included.

MOTION PASSED CANR CC13-14-16

- 2. REVISE: Group C requirements: Add ANSC 3311 Comparative Exercise Physiology and ANSC 4311 Advanced Animal Nutrition to the list. Effective Fall 2013
 - Current catalog copy:**
Animal Science majors must pass all courses from Group A, at least one course from Group B, at least one course from Group C, and one additional course from either Group B or C. No single class can satisfy more than one requirement.

- **Group A:** [ANSC 1001](#), [1111](#), [3121](#), [3122](#), [3194](#), [BIOL 1107](#), [1108](#); [CHEM 1122](#) or [1127Q](#) or both [1124Q](#) and [1125Q](#); [CHEM 2241](#), [2242](#); [PVS 2100](#); One of the following: [ANSC 4341](#), [MCB 2000](#), [MCB 2610](#)
- **Group B:** [ANSC 2251](#), [2271](#), [3261](#), [3272](#), [3273](#)
- **Group C:** [ANSC 3313](#), [3323](#), [3343](#), [4341](#).

Proposed catalog copy:

Animal Science majors must pass all courses from Group A, at least one course from Group B, at least one course from Group C, and one additional course from either Group B or C. No single class can satisfy more than one requirement.

- **Group A:** [ANSC 1001](#), [1111](#), [3121](#), [3122](#), [3194](#), [BIOL 1107](#), [1108](#); [CHEM 1122](#) or [1127Q](#) or both [1124Q](#) and [1125Q](#); [CHEM 2241](#), [2242](#); [PVS 2100](#); One of the following: [ANSC 4341](#), [MCB 2000](#), [MCB 2610](#)
- **Group B:** [ANSC 2251](#), [2271](#), [3261](#), [3272](#), [3273](#)
- **Group C:** [ANSC 3311](#), [ANSC 3313](#), [3323](#), [3343](#), [4311](#), [4341](#).

MOTION PASSED CANR CC 13-14-17

B. The Department of Agriculture and Resource Economics proposed the following:

1. REVISE: The list of requirements in the current Plan of Study for the minor in Environmental Economics and Policy: Add ARE 4305 Role of Agriculture and Natural Resources in Economic Development to the list. Effective Spring 2014

Current Catalog Copy (partial)

REQUIREMENTS: All students are required to complete 15 credits from the following courses.

Credits Semester/Year Grade

ARE 3235: Marine Resource and Environmental Economics

ARE 3260: Food Policy

ARE 3434: Environmental and Resource Policy

ARE 3436: The Economics of Integrated Coastal Management

ARE 3437: Marine Fisheries Economics and Policy

ARE 4438: Valuing the Environment

ARE 4444: Economics of Energy and the Environment

ARE 4462: Environmental and Resource Economics

ARE 4464: Benefit Cost Analysis and Resource Management

ECON 2467: Economics of the Oceans

NRE 3245: Environmental Law

Any one 3000-level or above ARE course, if approved by minor advisor 3 (max.)

Revised Catalog Copy (partial)

REQUIREMENTS: All students are required to complete 15 credits from the following courses.

Credits Semester/Year Grade

ARE 3235: Marine Resource and Environmental Economics

ARE 3260: Food Policy

ARE 3434: Environmental and Resource Policy

ARE 3436: The Economics of Integrated Coastal Management

ARE 3437: Marine Fisheries Economics and Policy

ARE 4305 Role of Agriculture and Natural Resources in Economic Development

ARE 4438: Valuing the Environment

ARE 4444: Economics of Energy and the Environment

ARE 4462: Environmental and Resource Economics

ARE 4464: Benefit Cost Analysis and Resource Management

ECON 2467: Economics of the Oceans

NRE 3245: Environmental Law

Any one 3000-level or above ARE course, if approved by minor advisor 3 (max.)

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MOTION PASSED CANR CC 13-14-18

2. REVISE: The list of requirements in the current Plan of Study for the minor in Agribusiness Management: Add ARE 3222 Marketing and Consumer Behavior to the list. Effective Spring 2014

Current Catalog Copy (partial)

REQUIREMENTS: All students are required to complete 15 credits from the following courses.

ARE 3210: Essentials of Accounting and Business

ARE 3215: Business Management

ARE 3221: Business Strategies and Policy in Food Industries

ARE 3222 Marketing and Consumer Behavior

ARE 3225: Price Analysis and Futures Trading

ARE 3260: Food Policy

ARE 4217: Business Finance in Food and Resource Industries

ARE 4275: Agribusiness Management and Entrepreneurship

ARE 4464: Benefit Cost Analysis and Resource Management

HORT 3540: Garden Center Management

ANSC 3452: Horse Breeding Farm Management OR

ANSC 4662W: Dairy Herd Management 3

Any 3000-level or above ARE course, if approved by minor advisor 3 (max.)

*Note: ARE 1150 may be required for some 3000-level or above ARE courses. Other courses listed may have additional prerequisites as well.

Revised Catalog Copy (partial)

REQUIREMENTS: All students are required to complete 15 credits from the following courses.

ARE 3210: Essentials of Accounting and Business

ARE 3215: Business Management

ARE 3221: Business Strategies and Policy in Food Industries

ARE 3225: Price Analysis and Futures Trading

ARE 3260: Food Policy

ARE 4217: Business Finance in Food and Resource Industries

ARE 4275: Agribusiness Management and Entrepreneurship

ARE 4464: Benefit Cost Analysis and Resource Management

HORT 3540: Garden Center Management

ANSC 3452: Horse Breeding Farm Management OR

ANSC 4662W: Dairy Herd Management 3

Any 3000-level or above ARE course, if approved by minor advisor 3 (max.)

*Note: ARE 1150 may be required for some 3000-level or above ARE courses. Other courses listed may have additional prerequisites as well.

MOTION PASSED CANR CC 13-14-19

3. ADD: ARE 4897 Honors Thesis Effective Spring 2014

Proposed Catalog Copy:

ARE 4897 Honors Thesis. Three credits Prerequisite: ENGL 1010 or 1011 or 2011; open to seniors; open only with consent of instructor to students in the Honors Program.

MOTION PASSED CANR CC 13-14-20

C. The Department of Nutritional Science proposed the following:

1. ADD: NUSC 4260. Dietary Supplements and Functional Foods. Effective Fall 2014

Proposed Catalog Copy:

NUSC 4260. Dietary Supplements and Functional Foods. Three credits. Prerequisite: NUSC 1165; CHEM 2241 or 2443 or concurrent registration.

Efficacy, safety, and regulations of dietary supplements and health-promoting foods.

MOTION PASSED CANR CC 13-14-21

2. SECOND Offering: NUSC 4295 Special Topics: Healthy Aging. Offered Spring 2014

Proposed Catalog Listing:

NUSC 4295. Special Topics: Healthy Aging. Three credits. Prerequisite: NUSC 1165. Recommended: NUSC 3172. For Juniors and Seniors; Consent of Instructor required.

Lecture, learning laboratory, and supervised field work in community settings with older adults. Readings, discussions, reflections, and final paper.

MOTION PASSED CANR CC 13-14-22

3. Revise NUSC 3823 Experience in Medical Nutrition Therapy: Add a catalog description.

Current Catalog Copy:

NUSC 3823. Experience in Medical Nutrition Therapy (283) One to three credits. Prerequisite: [NUSC 3150](#); consent of instructor required. No more than six credits of experience or independent study may apply toward the major. *Rodriguez*

Revised Catalog Copy:

NUSC 3823. Experience in Medical Nutrition Therapy . One to three credits. Prerequisite: [NUSC 3150](#); consent of instructor required. No more than six credits of experience or independent study may apply toward the major. *Rodriguez*

Mentored experiences in Medical Nutrition Therapy that include traditional (e.g., hospitals, long term care centers) and contemporary (e.g., wellness clinics, sports nutrition practice) placement with registered dietitians/nutritionists.

MOTION PASSED CANR CC 13-14-23

D. The Department of Plant Science and Landscape Architecture proposed the following:

1. ADD: PLSC 3995 Seminar in US Agricultural Production Systems Effective Spring 2014

Proposed Catalog Copy:

PLSC 3995. Seminar in US Agricultural Production Systems. One credit. *Morris*.

Discussion of the complex issues surrounding the economic, agronomic and environmental performance of food production systems in the US.

MOTION PASSED CANR CC 13-14-24

2. ADD: PLSC 3995 Agricultural Production Systems in US Effective Spring 2014

NOTE: this course is being proposed for MAY term.

Proposed Catalog Copy:

PLSC 3995. Agricultural production systems in the US. Two credits. Prerequisite: PLSC 3995 Seminar in US Agricultural Production Systems. *Morris*.

Visits to and discussions with farmers of agronomic, vegetable, fruit and livestock production systems in the Northeastern US, the Corn Belt and the High Plains. Visits to agricultural research stations for discussions with scientists and educators, and visits to agricultural infrastructure sites such as retail fertilizer dealerships, granaries, and post production facilities such as juice factories or flour mills will also be included.

MOTION PASSED CANR CC 13-14-25

3. ADD: PLSC 3995 Agroecology Effective Spring 2014

Proposed Catalog Copy:

PLSC 3995 Special Topics: Principles and Concepts of Agroecology. Three credits. Three class periods. *Guillard*

Application of ecological processes to modern agricultural production practices. Crops and their environment. Soil quality and maintenance of soil productivity. Sustainability of agroecosystems.

MOTION PASSED CANR CC 13-14-26

4. ADD: PLSC 3995 Controlled Environment Agriculture Effective Spring 2014

Proposed Catalog Copy:

PLSC 3995 Controlled Environment Agriculture

Two credits. One class period and one 2-hour laboratory period.

Recommended preparation HORT 3670. Open to juniors or higher. *Elliott*

Production of food, ornamental and pharmaceutical plants in controlled environments. Effects of environmental factors on crop productivity and

quality. Managing temperature, light, carbon dioxide, humidity, water and nutrients for optimum productivity. Hydroponic and solid-substrate culture. Organic production methods.

MOTION PASSED CANR CC 13-14-27

5. ADD: HORT 3705 Site Plan Graphics Effective Spring 2014

Proposed Catalog Copy:

HORT 3705 Site Plan Graphics. One credit. Open only to students concurrently enrolled in HORT 3710. Not open to students who have passed LAND 2110.

Introduction to the graphic language of design drawings and site plan graphics.

MOTION PASSED CANR CC 13-14-28

6. REVISE: HORT 3670 Greenhouse Technology. Add prerequisites: Prerequisite BIOL1108 or 1110. Recommended preparation SOIL 2120. Open to juniors or higher Effective Spring 2014

Current Catalog Copy:

HORT 3670. Greenhouse Technology and Operations (225)(Formerly offered as PLSC 225.) Four credits. Three class periods and one 2-hour laboratory period. Field trips required. *Elliott*

Introduction to greenhouse systems with emphasis on structures, environmental control, root media, irrigation and fertilization, and pest control, in relation to requirements for plant growth and crop production. Laboratories provide experience in greenhouse operations and crop production.

Revised Catalog Copy:

HORT 3670. Greenhouse Technology and Operations. Four credits. Three class periods and one 2-hour laboratory period. Prerequisite BIOL 1108 or 1110. Recommended preparation SOIL 2120. Open to juniors or higher. *Elliott*

Introduction to greenhouse systems with emphasis on structures, environmental control, root media, irrigation and fertilization, and pest control, in relation to requirements for plant growth and crop production. Laboratories provide experience in greenhouse operations and crop production.

MOTION PASSED CANR CC 13-14-29

7. REVISE: HORT 3710 Design of Small Spaces; Change in Prerequisites: LAND 2210 and either LAND 2110 or concurrent enrollment in HORT 3705. Not open to Landscape Architecture majors. Effective Spring 2014

Current Catalog Copy:

HORT 3710. Design of Small Spaces (202) (Formerly offered as PLSC 202.) Two credits. One class period and one 2-hour studio. Prerequisites: LAND 2110 and LAND 2210. Not open to Landscape Architecture majors.

Studio-based course emphasizing the acquisition of skills necessary for the landscape design for small spaces. The skills will include: visualization methods, methodology in design process, derivation of basic forms and planting design.

Revised Catalog Copy:

HORT 3710. Design of Small Spaces (202) (Formerly offered as PLSC 202.) Two credits. One class period and one 2-hour studio. Prerequisites: LAND 2210 or concurrent enrollment in HORT 3705. Not open to Landscape Architecture majors.

Studio-based course emphasizing the acquisition of skills necessary for the landscape design for small spaces, including residential properties. Techniques will include visualization methods, design process methodology, derivation of basic forms and planting design.

MOTION PASSED CANR CC 13-14-30

8. ADD: A new minor in Integrated Pest Management Effective Spring 2014

Proposed Catalog Copy:

This minor provides an introduction to fundamentals of plant health and integrated pest management in agronomy, horticulture and turfgrass systems.

REQUIREMENTS:

PLSC 3840 Integrated Pest Management

Three of the following:

PLSC 3810 Fundamentals of Plant Pathology

PLSC 3820 Ecology and Control of Weeds

PLSC 3830 Insects Pests of Ornamentals and Turf

TURF 3800 Turf Pests and Control

Students must earn a grade of C or higher in each individual course listed above. Students must earn a combined grade point average of 2.5 or higher for all courses listed above.

Substitutions for minor requirements are not allowed.

Students must complete all requirements for a baccalaureate degree. Once the minor has been declared, it will appear on the student's transcript.

MOTION PASSED CANR CC 13-14-31

9. REVISE: Landscape Design minor. Change in courses listed Effective Spring 2014

Current Catalog Copy:

This minor provides an introduction to landscape architecture, the communication of ideas via presentation drawing, and the methodology of designing the landscape to meet individual and societal needs.

Students in this minor must pass: LAND 2110, 2210

And three of the following courses: HORT 2430, 2750, 3710; LAND 2220, 3230W; TURF 3720

At least 12 credits must not duplicate courses used to satisfy the 36 credit requirement for the student's major, or for another minor in the College of Agriculture and Natural Resources. Students must earn a combined grade point average of 2.5 or higher for all courses listed above.

Revised Catalog Copy:

This minor provides an introduction to landscape architecture, the communication of ideas via presentation drawing, and the methodology of designing the landscape to meet individual and societal needs.

Students in this minor must pass: HORT 2750, 3410; LAND 2110 or HORT 3705; LAND 2410 or HORT 3710

And two of the following courses: HORT 2430, LAND 2210, 2220, 3230W; TURF 3720

At least 12 credits must not duplicate courses used to satisfy the 36 credit requirement for the student's major, or for another minor in the College of Agriculture and Natural Resources. Students must earn a combined grade point average of 2.5 or higher for all courses listed above.

MOTION PASSED CANR CC 13-14-32

V. Report from Academic Programs:

- A. A proposal for offering a Spanish in Agriculture course will be forthcoming.
- B. Thanks to all departments who submitted pre-approved courses for the 36 credits for the major. This helps with the final plan of study submissions.
- C. The summer sessions may be changed to 5 weeks from their current 6 weeks.
- D. CLAS is using an on-line electronic form for election to pursue of minor. The question is will this help/guarantee students get courses listed in the minor? Generally it seems that if you actually get the courses you can declare the minor. More to come on this.
- E. REPEAT POLICY: from advising.uconn.edu

Repeat Policy:

If you plan on retaking courses for the Spring 2014 semester please be aware of the new policy outlined below:

Enrollment will be restricted during the registration period of October 21, 2013- November 7, 2013 if you have earned credit in the following courses and plan on registering to repeat:

CHEM 1127Q	MCB 2000
CHEM 2443	MCB 2410
CHEM 2444	MCB 2610
MATH 2110	PNB 2265
MATH 2210	PNB 2275
MATH 2410	

If seats are available in the above specified courses after November 7, 2013 and you still wish to register, you will be able to do so through PeopleSoft.

During the restricted period you are encouraged to add your name to the waitlist for *any* of the courses you plan on retaking so the University is aware of your intention to retake it.

If you have questions or feel you have extenuating circumstances which require that you register one of these courses before November 7, please send an email to the CLAS Academic Services Center at clasasc@uconn.edu. The subject line should be **"request to register for a repeat course"**. Your email should indicate the course you are seeking to repeat and the circumstances that you feel warrant an exception. **Please do not email the instructor of these courses or the biology advising center advisors for a permission number.** All registration requests will be handled through the CLAS Academic Services Center.

- F. The listing of a double major depends on the primary major. We now have both BA and BS degree offerings in the CANR. If a person selects Environmental Studies as their primary major, which is a BA, and then selects NRE as their secondary major, which is a BS, both majors will appear as a BA on the transcript. We need to work on this.
- G. According to University Policy, anyone dropping a course after the second week of classes will have a “W” mark on their transcript. No exceptions will be made. It is, however, not the end of life as we know it if a student has a W on their transcript and advisors need to relay this to their students, or remind them that they must drop PRIOR to the end of the second week to avoid this mark.

VI. Other Business:

- A. It is proposed that electronic voting by the CANR C&C Committee on course proposals or other business be restricted to the minutes of the meetings and special topics courses. Special topics courses will only be accepted for an electronic committee vote when they have been submitted for approval after the last CANR C&CC meeting of the academic year, generally in May, up to two weeks before the start of classes in the fall. The rationale for this proposal is to make the approval of the minutes more efficient and providing information to the registrar in a timely manner, and to allow special topic or experimental courses developed over the summer to be eligible for offering in the fall semester.

(This proposal will be voted on at the next CANR C&CC meeting)

- B. The CANR By-Laws of May 4, 2012 section on the CANR C&CC duties and responsibilities needs revision.

Current Copy:

3. Curricula and Courses Committee

Duties and responsibilities

The Curricula and Courses (C&C) Committee reviews and establishes undergraduate and graduate program objectives, curricula, and requirements. The C&C Committee prepares rules and guidelines within the jurisdiction of the College on curricula and course submissions from the departments within the College at the undergraduate level, reviews all curricula and course submissions for appropriateness of meeting the overall educational mission of the College, reviews all experimental course offerings, and reviews all course submissions for completeness. The College C & C will be notified of any graduate C&C issues that are submitted to the Graduate School by Departments and/or graduate faculty.

Proposed Copy:

3. Curricula and Courses Committee

Duties and responsibilities

The Curricula and Courses (C&C) Committee reviews and establishes undergraduate and graduate program objectives, curricula, and requirements. The C&C Committee prepares rules and guidelines within the jurisdiction of the College on curricula and course submissions from the departments within the College at both the undergraduate and graduate level, reviews all curricula and course submissions for appropriateness of meeting the overall educational mission of the College, reviews all experimental course offerings, and reviews all course submissions for completeness. ~~The College C & C will be notified of~~

any graduate C&C issues that are submitted to the Graduate School by Departments and/or graduate faculty.

Rational for the proposed changes:

The graduate school now requires review by a C&C committee prior to submission to them for approval and addition to the graduate catalog. (See attached copy from the UConn Graduate Course Information Transmittal Form)

¹⁸Approval Record

Please send the URL for the documenting Curricula and Courses Committee minutes (if available on the Web) or attach documents and send with this form via e-mail. You may also send a hard copy to Tom Peters at Unit 1006.

Do not write below. For Graduate School use only

A vote on the proposed changes will be held at the next meeting of the CANR C&CC and then submitted for the vote of the faculty at the next CANR Faculty meeting in December 2013.

VII. Time and Place of next meeting. 1:00 pm on November 1, 2013, Room 209 WBY

VIII. The meeting was adjourned at 2:59 pm.