

CANR Curricula and Courses Committee
Meeting Minutes Final Copy
April 4, 2014
1:15 pm Room 209 WBY

I. The meeting was called to order by Chair Mike Darre at 1:20 pm.

Members present: Marilyn Altobello, Mike Darre, George Elliott, Sal Frasca, Hedley Freake (For Rhonda Brownbill) , Susan Gregoire, Pat Jepson, Gary Kazmer and Tom Meyer.

II. Old Business:

- A. Mike Darre asked the committee members to try the revised Electronic CAR form again and hit the submit button so he can see if the system is functioning properly.
- B. Tom Meyer stated that the catalog copy for NRE 2000 that is currently on the web is incorrect relative to what was passed by the committee (Minutes of 4-19-2013)
The Department of Natural Resources and the Environment proposed the following:
REVISE: NRE 2000 Geomatics – drop prerequisites. Effective Fall, 2013

Current Catalogue Copy

2000. Introduction to Geomatics

(219) (Formerly offered as NRME 2000.) Four credits. Three lecture periods and one laboratory period. Not open to students who have passed NRE 3252 or 3535. Civco, Meyer

Principles and applications of geographic information systems (GIS), global positioning system (GPS), and remote sensing will be covered. Students will be provided with the scientific knowledge and technical skills needed to collect and use spatial data effectively in a Geographic Information System (GIS).

Proposed Catalogue Copy

2000. Introduction to Geomatics

(219) (Formerly offered as NRME 2000.) Four credits. Three lecture periods and one laboratory period. Civco, Meyer

Principles and applications of geographic information systems (GIS), global positioning system (GPS), and remote sensing. Students will be provided with the scientific knowledge and technical skills needed to collect and use spatial data effectively in a GIS.

(MOTION PASSED CANR CC 12-13-91)

III. New Business:

A. The Department of Animal Science proposed the following:

- 1. ADD: ANSC 2695 : Special Topics, Probiotics and Prebiotics. Effective Fall 2014
First time offering:

Proposed Title and Complete Catalog Copy

ANSC 2695 Special Topics: Probiotics and Prebiotics

Three credits. Two 75 min class periods. Recommended or concurrent registration preparation: MCB 2610 or equivalent.

The biology, uses, effectiveness and safety of probiotics and prebiotics. Molecular mechanisms underlying the health benefits attributed to the consumption of pre and probiotics. Application of pre and probiotics to promote human and animal health, including safety and regulation.

Comments: It was suggested that the Dept. Make a flyer or email that this course is being offered. Many CANR/ UConn departments might have students interested in this.

MOTION PASSED CANR CC 13-14-78

B. The Department of Agricultural and Resources Economics proposed the following”

1. ADD: ARE 5495: Special Topics – “Economic Analytics” Effective Summer 2014
First time offering:

Catalog Copy:

ARE 5495: Special Topics –Economic Analytics

(1 credit). This course is designed to provide students with an opportunity to examine topics of economic interest with the applied techniques and methods learned in prior coursework. Students will explore existing applied literature as an identification of various data sources and understanding how these data have been used in research. The class will also focus on the importance of both the visual and oral components of presenting data analysis and empirical findings.

Comments: In the syllabus under Course Goals it was suggested to add something to the effect: “ In the Context of Economic Research :

1. Students will learn ...

Also, add a A+ category to the grading scheme.

MOTION PASSED CANR CC 13-14-79

NOTE: ARE 4995 The Economics of the Production of Health, Effective Fall 2014, will NOT be taught. The instructor left the university

C. The Department of Allied Health Sciences proposed the following:

1. REVISE: DGS 4248 Advanced karyotyping and Report Writing. Increase credits from one (1) to two (2). Effective Fall 2014.

Current catalog copy:

4248. Advanced Karyotyping and Report Writing

One credit. Prerequisites: DGS 3222, 3223, and DGS 4224; open only to students enrolled in the Diagnostic Genetic Sciences Program.

Karyotyping of constitutional and acquired cytogenetic cases and cytogenetic report writing.

Revised catalog copy:

4248. Advanced Karyotyping and Report Writing

Two credits. Prerequisites: DGS 3222, 3223, and DGS 4224; open only to students enrolled in the Diagnostic Genetic Sciences Program.

Karyotyping constitutional and cancer cytogenetic cases, diagnosing cytogenetic syndrome/conditions and cytogenetic changes associated with neoplasms. Writing complete, precise, and accurate cytogenetic reports.

Comments: Change the instructional pattern so it is clear that students will spend time in the laboratory, outside of regular class time, to do the karyotyping which is Laboratory time by arrangement.

Also in the syllabus, change the following:

FROM:

SYLLABUS SUBJECT TO CHANGE:

Information in the course syllabus, other than absence and grading policy, may be subject to change with advance notice, as deemed appropriate by the instructor.

To:

SYLLABUS SUBJECT TO CHANGE:

The schedule outlined in the syllabus may be subject to change with advance notice, as deemed appropriate by the instructor.

MOTION PASSED CANR CC 13-14-80

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

1. DROP: PLSC 1000 from SOIL / TURF major requirements. Effective Fall 2014

Current Catalog Statement:

Turfgrass and Soil Science

This major offers two areas of concentration. The Soil Science concentration prepares students for employment in the public and private sectors. Courses focus on soil identification, reactivity, root zone construction, and soil management and suitability for different uses. (For detailed information, please refer to:

http://www.ct.nrcs.usda.gov/Soil_Pages/ss_qualifications.html and

<http://www.cag.uconn.edu/plsc/plsc/>) The Turfgrass Science concentration includes the management of golf courses, athletic fields, roadsides, erosion control sites, lawns and other areas where grasses are grown.

Students in the Soil Science concentration must pass the following courses: BIOL 1110; CHEM 1124Q or 1127Q; GSCI 1050; **PLSC 1000**, 4210 & 4215; SOIL 2120 & 2125.

Must have 36 credits from the following list with a minimum of 9 credits from SOIL courses: ARE 3434; GSCI 3010, 3020, 4110, 4210; LAND 3230W; NRE 3155, 3535, 4000W, 4165; SOIL 3220, 3410, 3520, 3620, 4420; TURF 3200W.

Students in the Soil Science concentration must pass LAND 3230W, NRE 4000W or TURF 3200W to fulfill their requirement for writing in the major.

Students successfully completing these courses will have met their general education exit requirements for information literacy. Computer technology competency is satisfied by University entrance expectations.

Students in the Turfgrass Science concentration must pass the following courses: BIOL 1108 or 1110; CHEM 1122 or 1124Q or 1127Q; **PLSC 1000**, 4210, 4215; SOIL 2120, 2125, 3520, 3620; TURF 1100, 3200W, 3800
3 credits from: PLSC 3990

6 credits from: PLSC 3810, 3820, 3830, 3840

6 credits from: HORT 2430, 2750, 3410, 3640, 3650, 3660, 3760, 3765

Students must earn a minimum of 9 additional credits in courses from the subject areas of Biology, Chemistry, Computer Science, Geoscience, Mathematics, Physics, or Statistics. Students successfully completing these courses will have met their general education exit requirements for information literacy. Computer technology competency is satisfied by University entrance expectations.

A minor in Turfgrass Management is described in the “Minors” section.

REVISED Catalog Statement:

Turfgrass and Soil Science

This major offers two areas of concentration. The Soil Science concentration prepares students for employment in the public and private sectors. Courses focus on soil identification, reactivity, root zone construction, and soil management and suitability for different uses. (For detailed information, please refer to:

http://www.ct.nrcs.usda.gov/Soil_Pages/ss_qualifications.html and

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Students in the Soil Science concentration must pass LAND 3230W, NRE 4000W or TURF 3200W to fulfill their requirement for writing in the major.

Students successfully completing these courses will have met their general education exit requirements for information literacy. Computer technology competency is satisfied by University entrance expectations.

Students in the Turfgrass Science concentration must pass the following courses: BIOL 1108 or 1110; CHEM 1122 or 1124Q or 1127Q; PLSC 4210, 4215; SOIL 2120, 2125, 3520, 3620; TURF 1100, 3200W, 3800

3 credits from: PLSC 3990

6 credits from: PLSC 3810, 3820, 3830, 3840

6 credits from: HORT 2430, 2750, 3410, 3640, 3650, 3660, 3760, 3765

Students must earn a minimum of 9 additional credits in courses from the subject areas of Biology, Chemistry, Computer Science, Geoscience, Mathematics, Physics, or Statistics. Students successfully completing these courses will have met their general education exit requirements for information literacy. Computer technology competency is satisfied by University entrance expectations.

A minor in Turfgrass Management is described in the “Minors” section.

MOTION PASSED CANR CC 13-14-81

2. DROP: PLSC 1000 from LA major requirements Effective Fall 2014

Current Catalog Statement:

Landscape Architecture majors must pass the following courses:

1. BIOL 1108 or 1110

2. CHEM 1122 or 1124Q or 1127Q

3. **PLSC 1000**; HORT 3410; SOIL 2120; LAND 2110, 2120, 2210, 2220,

2410, 3130, 3230W, 3310, 3320, 3420, 3430, 4294, 4330, 4340, 4440, and 4450
One of the following: HORT 2430, 2750, 3420, 3760, 3765; PLSC 4210; SOIL 3520; EEB 4272;
NRE 2415

Revised Catalog Statement:

Landscape Architecture majors must pass the following courses:

1. BIOL 1108 or 1110
2. CHEM 1122 or 1124Q or 1127Q
3. HORT 3410; SOIL 2120; LAND 2110, 2120, 2210, 2220,
2410, 3130, 3230W, 3310, 3320, 3420, 3430, 4294, 4330, 4340, 4440, and 4450
One of the following: HORT 2430, 2750, 3420, 3760, 3765; PLSC 4210; SOIL 3520; EEB 4272;
NRE 2415

MOTION PASSED CANR CC 13-14-82

3. DROP: PLSC 1000 Orientation to Plant Science and Landscape Architecture
Effective Fall 2014

MOTION PASSED CANR CC 13-14-83

4. ADD: PLSC 3995 Food Production 1ST(REAL) offering Effective Fall 2014

Proposed Title and Complete Catalog Copy:

PLSC 3995 Special Topics: Environmental Sustainability of Food
Production in North America. Two credits. Two class periods.
Guillard. Foundations of modern food production systems that feed
the world's population. Environmental risks associated with
modern food production systems. Alternative food production
systems and sustainability. Local food production and food
security. Food production and climate change.

MOTION PASSED CANR CC 13-14-84

5. ADD: HORT 3740 Landscape Construction Effective Fall 2014

Proposed Title and Complete Catalog Copy:

HORT 3740 Landscape Construction
Three credits. Two 1-hour lectures per week and seven 4-hour outdoor laboratories
per semester. Taught jointly with SAPL 740.
Principles and techniques used to build landscape structures including patios, walls,
walkways, water features and green roofs.

MOTION PASSED CANR CC 13-14-84

6. ADD: PLSC 5210 Molecular Laboratory Technology. Effective Fall 2014

Proposed Title and Complete Catalog Copy:

PLSC 5210 Molecular Laboratory Technology. Three credits. Wang
Laboratory technologies for identification and characterization of molecules
important for molecular biology research, genetic manipulation and disease
diagnosis. Labs will provide hands-on experience performing basic molecular
biology techniques, lectures will cover theoretical basis and application. Not open
for credit to students who have passed PLSC 3210

MOTION PASSED CANR CC 13-14-85

V. Report from Academic Programs: None

VI. Other Business:

Hedley Freake stated that he is on a committee to develop a Global Studies Major at the University. It will be administered through the Office of Global Affairs. They have looked at the model of the Human Rights Major and the Environmental Studies Major for ideas on how to best develop a working model for the proposed major. It will most likely be first offered through CLAS. However the CANR CC committee thought there might be interest in the CANR to offer it as another CANR major also. This also led to the discussion of possibly having an offering of the Human Rights major through CANR. Something to discuss with the faculty at the next CANR faculty meeting

VII. Time and Place of next meeting. 1:15 pm on April 18, 2014, 209 WBY.

VIII. Adjourn The meeting was adjourned at 2:45 pm.