

CANR Curricula and Courses Committee
Meeting Minutes Final
May 2, 2014
1:15 pm Room 209 WBY

I. The meeting was called to order by Chair Mike Darre at 1:24 pm.

Members present: Rhonda Brownbill) Mike Darre, George Elliott, Sal Frasca, Susan Gregoire, Pat Jepson, Deepak Joglekar (For Marilyn Altobello) 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. We will start using it officially in the fall.

III. New Business:

- A. The Department of Allied Health Sciences proposes the following:

- 1. REVISE: AH 3175 Environmental Health. Change enrollment restrictions to included Environmental Studies majors. Effective Fall 2014.

Current catalog copy:

3175. Environmental Health

(226) (Formerly offered as ANSC 226.) Three credits. Prerequisite: BIOL 1102 or equivalent; CHEM 1122 or equivalent; open to Allied Health Sciences majors, BPS and BGS students, Environmental Sciences and Engineering majors, others with instructor consent; open to juniors or higher. Recommended preparation: a course in animal anatomy and physiology. Course will focus on the environmental health consequences of exposure to toxic chemicals, food contaminants and radiation. Basic principles of toxicology will be discussed, followed by lectures on specific topics such as: cancer, occupational hazards, radiation, genetic biomonitoring, risk assessment techniques, risk/benefit analysis, social/legal aspects of regulating toxic chemicals, and other related topics.

Revised catalog copy:

3175. Environmental Health

(226) (Formerly offered as ANSC 226.) Three credits. Prerequisite: BIOL 1102 or equivalent; CHEM 1122 or equivalent; open to Allied Health Sciences majors, BPS and BGS students, Environmental Sciences, Environmental Studies and Engineering majors, others with instructor consent; open to juniors or higher. Recommended preparation: a course in animal anatomy and physiology. Course will focus on the environmental health consequences of exposure to toxic chemicals, food contaminants and radiation. Basic principles of toxicology will be discussed, followed by lectures on specific topics such as: cancer, occupational hazards, radiation, genetic biomonitoring, risk assessment techniques, risk/benefit analysis, social/legal aspects of regulating toxic chemicals, and other related topics.

MOTION PASSED CANR CC 13-14-87

- 2. REVISE: Remove the cross-listing between AH and OSH subject codes for the following courses: 3173, 3174, 3270, 3277W, 3278, 3570, 3571, 3573, 3574, 4221W, 4570. Effective Fall 2014.

MOTION PASSED CANR CC 13-14-88

3. DROP: OSH 3173: Psychology of Workplace Safety. Effective Fall 2014.
MOTION PASSED CANR CC 13-14-89

4. DROP: OSH 3174: Environmental Laws, Regulations and Issues. Effective Fall 2014.
MOTION PASSED CANR CC 13-14-90

5. DROP: OSH 3270: Fire and Security Management. Effective Fall 2014.
MOTION PASSED CANR CC 13-14-91

6. DROP: OSH 3277W: Hazardous Chemicals. Effective Fall 2014.
MOTION PASSED CANR CC 13-14-92

7. DROP: OSH 3278: Worker's Compensation and Related Issues. Effective Fall 2014
MOTION PASSED CANR CC 13-14-93

8. DROP: OSH 3570: Health and Safety Management in the Workplace. Effective Fall 2014.
MOTION PASSED CANR CC 13-14-94

9. DROP: OSH 3571: Health Hazards in the Workplace. Effective Fall 2014.
MOTION PASSED CANR CC 13-14-95

10. DROP: OSH 3573: Health and Safety Standards in the Workplace. Effective Fall 2014.
MOTION PASSED CANR CC 13-14-96

11. DROP: OSH 3574: Ergonomics. Effective Fall 2014.
MOTION PASSED CANR CC 13-14-97

12. DROP: OSH 4221W: Trends in Envir. and Occupational Safety. Effective Fall 2014.
MOTION PASSED CANR CC 13-14-98

13. DROP: OSH 4570: Pollution Control, Prevention and Environmental Management Systems. Effective Fall 2014.
MOTION PASSED CANR CC 13-14-99

B. The Department of Pathobiology and Veterinary Science proposes the following:

1. REVISE: PVS 5202 Viral Pathogenesis. Change credits from 2 to 3. Add: Prerequisite: a course in virology or microbiology and one in biochemistry, with consent of the instructor. Recommended preparation is a course in immunology or pathology.. Effective Spring 2015

Current catalog copy:

5202. Viral Pathogenesis. Two class periods. *Garmendia*

Disease processes of the virus and host at the organic and molecular levels. Various aspects of selected viral infections will be covered, including contemporary topics of interest.

Active student participation through presentations and discussion of literature.

Revised catalog copy:

5202. Viral Pathogenesis. Three class periods. Prerequisite: a course in virology or microbiology and one in biochemistry, with consent of the instructor. Recommended preparation is a course in immunology or pathology. *Garmendia, Risatti, Verardi*

This course is aimed at reviewing and discussing recent advances regarding mechanisms involved in the development of viral disease at the virus, host, organ, tissue, cell, sub-cellular and molecular levels. Current advances in virus-host interactions will be discussed, including virulence factors, mechanisms of suppression and evasion of host responses, oncogenesis, persistence, immunopathology, neurotropism, neuroinvasion.

MOTION PASSED CANR CC 13-14-100

2. ADD: PVS 4203/5203 Principles of Antibacterial Development. Effective Spring 2015

Proposed Title and Complete Catalog Copy:

4203. Principles of Antibacterial Development. Three credits. Three class periods.

Prerequisite: MCB 2610, or an equivalent course in general microbiology or bacteriology with consent of the instructor. Open to juniors or higher. *Zhou*

Designed to cover important concepts and pioneering strategies currently being used to develop novel antibacterials.

MOTION PASSED CANR CC 13-14-101

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

1. ADD: PLSC 5765 Phytotechnology: Use of Plants for Ecosystem Services Effective Fall 2014

Proposed Title and Complete Catalog Copy:

Phytotechnology: Use of Plants for Ecosystem Services

Principles of sustainable landscapes and ecological enhancement using planted systems.

Modification of urban environments with streetscaping, green roofs and green walls.

Phytoremediation of soil pollution and brownfield reclamation. Bioretention for integrated water resource management. Role of planted systems in biodiversity conservation and climate change. Not open for credit to students who have passed HORT 3765

MOTION PASSED CANR CC 13-14-102

2. REVISE: Change the requirements for the minor in Ornamental Horticulture by adding HORT 3765 to the list of courses satisfying requirements. Effective Fall 2014

Current catalog statement:

The minor in Ornamental Horticulture provides an introduction to the production, maintenance and use of plants to enhance human environments. All students are required to complete a minimum 15 credits including:

HORT 3640

6 credits from among: [HORT 2430](#), [3410](#), [3560](#)

3 credits from among: [HORT 2520](#), [2750](#), [3530](#), [3660](#), [3670](#)

3 credits from among: [PLSC 3810](#), [3820](#), [3830](#), [3840](#)

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 statement:

The minor in Ornamental Horticulture provides an introduction to the production, maintenance and use of plants to enhance human environments. All students are required to complete a minimum 15 credits including:

HORT 3640

6 credits from among: [HORT 2430](#), [3410](#), [3560](#)

3 credits from among: [HORT 2520](#), [2750](#), [3530](#), [3660](#), [3670](#), [3765](#)

3 credits from among: [PLSC 3810](#), [3820](#), [3830](#), [3840](#)

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 13-14-103

D. The Department of Animal Science proposes the following:

1. ADD: ANSC 3695 Special Topics. Effective Fall 2014

Proposed Title and Complete Catalog Copy:

ANSC 3695. Special Topics. Credits and hours by arrangement. Prerequisite: Open only with instructor consent. May be repeated for credit with a change of topic. Contact Department Main Office for list of current topics and instructors.

MOTION PASSED CANR CC 13-14-104

E. Natural Resources and the Environment

1. REVISE: NRE 3115: Air Pollution Change in catalog description and change prerequisites to recommended preparation and add NRE 3146 to the list. Effective Spring 2015

Current Title and Catalog Copy:

NRE 3115: Air Pollution (210) (Formerly offered as NRME 3115) Three credits. Prerequisite: NRE 3145; open to juniors or higher. Anyah
The meteorology, effects and controls of air pollution.

Revised Title and Catalog Copy:

NRE 3115: Air Pollution (210) (Formerly offered as NRME 3115) Three credits. Recommended Preparation: NRE3145 or NRE 3146. Open to juniors or higher. Anyah

The atmospheric effects and controls of air pollution and air quality, air pollution emissions and assessments, and impacts of atmospheric air pollutants.

MOTION PASSED CANR CC 13-14-105

IV. Report from Academic Programs:

V. Time and Place of next meeting. September 5, 2014. 1:15 pm WBY 209

VI. Adjourn The meeting was adjourned at 2:25 pm.