

CANR Curricula and Courses Committee
Meeting Minutes - Final
September 5, 2014
1:15 pm Room 209 WBY

- I. The Meeting was called to order at 1:17 pm by chair Mike Darre. Members present: Rhonda Brownbill, Sal Frasca, Susan Gregoire, Pat Jepson, Deepak Joglekar, Gary Kazmer, Stephanie Mazerolle, Tom Meyer, and Kristin Schwab.
- II. Old Business:
 - A. Electronic CAR form ready for CANR testing. Discussion of attempts to use the new form and critique. STILL!! Mike asked everyone to try the form, and provide him with feedback on it use and problems. He will be meeting with Mike Oatley again soon to fix the problems and get the Beta testing underway.

III. New Business:

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

1. REVISE: DGS program requirements to include MCB 2400 as a genetics option. Effective Fall 2015. Moved by Sue, Second by Gary

Current Catalog copy:

Requirements

The course requirements listed below may also be used to satisfy the University's General Education requirements.

Mathematics and Science Courses - CHEM 1124Q and 1125Q or CHEM 1127Q and 1128Q; CHEM 2241 *or* CHEM 2443 and 2444; BIOL 1107; MATH 1040Q or 1060Q or 1125Q or above; MCB 2410*, 2610*; STAT 1000Q or 1100Q. *At least one of these courses must be completed prior to starting the program.

Revised Catalog copy:

Requirements

The course requirements listed below may also be used to satisfy the University's General Education requirements.

Mathematics and Science Courses - CHEM 1124Q and 1125Q or CHEM 1127Q and 1128Q; CHEM 2241 *or* CHEM 2443 and 2444; BIOL 1107; MATH 1040Q or 1060Q or 1125Q or above; MCB **2400* *or* 2410***, 2610*; STAT 1000Q or 1100Q. *At least one of these courses must be completed prior to starting the program.

MOTION PASSED CAHNR CC 14-15-01

2. REVISE: DGS 3222 Medical Cytogenetics prerequisites to include MCB 2400. Effective Fall 2015. Moved by Sue, Second by Gary

Current Catalog copy:

3222. Medical Cytogenetics

(222) Four credits. Two 2-hour lectures. Prerequisite: MCB 2410 or 2413; which may be concurrent; open to students in the Diagnostic Genetic Sciences Program; others who have met the prerequisites.

Study of human chromosomes for prenatal and post-natal detection of chromosome abnormalities, chromosome polymorphisms, cell culture and harvest, human chromosome nomenclature, staining and banding techniques, mechanisms of numerical and structural chromosome abnormality, numerical syndromes, duplication and deletion syndromes, the sex chromosomes, sex chromosome abnormalities, mosaicism, genetic imprinting, indications for chromosomal analysis, molecular cytogenetic testing.

Revised Catalog copy:

3222. Medical Cytogenetics

(222) Four credits. Two 2-hour lectures. Prerequisite: MCB 2400or 2410 or 2413; which may be concurrent; open to students in the Diagnostic Genetic Sciences Program; others who have met the prerequisites.

Study of human chromosomes for prenatal and post-natal detection of chromosome abnormalities, chromosome polymorphisms, cell culture and harvest, human chromosome nomenclature, staining and banding techniques, mechanisms of numerical and structural chromosome abnormality, numerical syndromes, duplication and deletion syndromes, the sex chromosomes, sex chromosome abnormalities, mosaicism, genetic imprinting, indications for chromosomal analysis, molecular cytogenetic testing.

MOTION PASSED CAHNR CC 14-15-02

3: ADD: GPAH 6181: Experiential Learning in Health Promotion Research. Effective Fall 2015. Moved by Sue, Second by Gary

Proposed Catalog copy:

GPAH 6181 Experiential Learning in Health Promotion Research

Variable credit. Hours by arrangement. Students are required to complete a minimum of 4 credits to meet program requirements for graduation; however repeatable to a maximum of 6 credits. 42 hours per semester per credit. Pre-requisite: GPAH 6324, and a graduate statistics course; instructor consent required; open only to doctoral students after their first semester of doctoral work.

Mentored research experiences on and/or off-campus to increase doctoral student's breadth and depth of knowledge, skills and com

MOTION PASSED CAHNR CC 14-15-03 (Note, new number to be supplied by AHS to Grad School)

4: ADD: GPAH 6184. Graduate Seminar in Health Promotion Research. Effective Fall 2015. Moved by Sue, Second by Stephanie

Proposed catalog copy:

GPAH 6184. Graduate Seminar in Health Promotion Research

Either semester. 1 Credit; students are required to complete a minimum of 5 credits to meet program requirements for graduation. Open by instructor consent.

In a small learning environment under the direction of one or more faculty, students develop their research and academic abilities in health promotion sciences. Activities include: individual goal setting and implementing learning plans; attending scientific seminars; preparing and delivering research presentations; research writing; college-level teaching; grant and compliance administration; and applying for post-graduate employment. Components: Seminar

MOTION PASSED CAHNR CC 14-15-04 (Note: new number to be supplied by AHS)

B. The Department of Animal Science proposed the following:

1. ADD: ANSC 5695 Special Topics: Probiotics and Prebiotics. Effective Fall 2014. Moved by Gary, Seconded by Rhonda

This course will provide students with an understanding of probiotics and prebiotics, their biology, uses, effectiveness, and safety. Students will be equipped with the tools and reference materials necessary to understand the molecular mechanisms underlying the health benefits attributed to the consumption of pre and probiotics. The remainder of the course will focus on the various applications of pre and probiotics in promoting human and animal health, their safety and regulation.

MOTION PASSED CAHNR CC 14-15-05 (Note: First time offering)

C. The Department of Agriculture and Resources Economics proposed the following:

1. ADD: ARE 6470 Applied Research in Environmental Economics. Effective Spring 2015. Moved by Deepak, Seconded by Gary

Proposed Catalog description:

This course develops a broad perspective on the peer-reviewed literature concerning the frontier areas of contemporary environmental economics, with an emphasis on incentive and market-based approaches to ecosystem services, valuation of environmental quality and assets, interface between experimental and environmental economics, including such topics as land use change, conservation, pollution control, water resource services, forest ecosystem management. Students will develop critical thinking skills evaluating published studies and identifying gaps in methodology and knowledge for future research.

Prerequisites: ARE/ECON 5201 **AND** ARE 5311 or ECON 5312 or equivalents

MOTION PASSED CAHNR CC 14-15-06

D. The Environmental Science major proposed the following:

1. REVISE: Change the title of the major from Environmental Science to Environmental Sciences. Effective Spring 2015 Moved by Tom, Seconded by Stephanie.

Reasons for changing the major: Environmental Sciences is an interdisciplinary program that integrates numerous disciplines with an environmental focus, including biology, chemistry, ecology, evolutionary biology, economics, geography, geosciences, environmental health, marine sciences, natural resources, and soil sciences, among others. Changing the name from Environmental Science to Environmental Sciences most accurately describes the true interdisciplinary nature of the program.

MOTION PASSED CAHNR CC 14-15-07

2. ADD: Subject Area Abbreviation: ENVS Effective Fall 2014. Moved by Tom, Seconded by Sal.

The Environmental Sciences program would like to request the subject area abbreviation of ENVS to use for future courses. Currently Environmental Sciences

does not have their own course, but would like to offer their own courses and cross-list courses with other departments in the future.

MOTION PASSED CAHNR CC 14-15-08

E. The Department of Natural Resources and the Environment proposed the following:

1. ADD: NRE 5695 Special Topics in Natural Resources: Biogeochemical Cycles and Global Change. Effective Spring 2015. Moved by Tom, Seconded by Sal.

3 credits, consent of instructor required

This course will examine major biogeochemical cycles (water, carbon, nitrogen, phosphorus, and sulfur) in land, air, and water, and how human perturbations to these cycles drive global climate change.

MOTION PASSED CAHNR CC 14-15-09

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

1. ADD: PLSC 5898 Topic in Plant Science: Greenhouse Technology & Operations Effective Fall 2014 Moved by Kristin, Seconded by Gary.

Greenhouse Operations

First semester. Three credits. Three class periods and one 2-hour laboratory period.

Elliott Overview of 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 crop production. Not open to students who have completed HORT 3670 or equivalent.

Discussion by Committee: This course is being offered jointly with the undergraduate version, HORT 3670 and HORT 3670 is also jointly taught with SAPL 670. Our rules do not allow an undergraduate course co-taught with RH courses to also be co-taught with graduate students.

MOTION TABLED CAHNR CC 14-15-10

IV. Report from Academic Programs: Pat Jepson Welcomed the Department of Kinesiology to CAHNR and said they were already working together on the school change issues. She also noted that we need to be aware of the catalog copy deadline of around Nov 1, so get courses approved prior to be included.

V. Other Business: None

VI. Time and Place of next meeting. September 19, 2014. 1:15 pm WBY 209

VII. The meeting was adjourned at 2:16 pm.