

UNIVERSITY CURRICULUM COMMITTEE AGENDA
2:00 p.m., Friday, October 14, 2016
106 Administration, Provost Conference Room

Note: If you are unable to attend or will be sending a substitute, please notify [Carole Makela](mailto:Carole.Makela@colostate.edu) (1-5141) or [Curriculum Catalog@colostate.edu](mailto:Curriculum_Catalog@colostate.edu) (1-2429) prior to the meeting.

MINUTES – Minutes of October 7, 2016

ANNOUNCEMENTS

1. The UCC minutes of 9/23 and 9/30 were placed on the November 1 Faculty Council agenda by the Executive Committee on 10/11/16.
2. The ad hoc committee on professional doctorate (Doctor of ‘a profession’) is scheduled to meet on 10/15/16 to review the draft shared earlier for the Graduate Bulletin.
3. Graduate certificates (8) that UCC approved in Spring semester, which were approved by Faculty Council in May completed the approval cycle during the summer (Board of Governors, HLC, CCHE) and may be effective spring 2017 (units may have chosen a later date). This suggests the estimate of about a year from submission from the college to ‘effective date’ holds as most were received from the colleges in early spring semester. These include the 3 Applied Global Stability: Agriculture; Natural Resources; Water Resources; 2 Linguistics and Literary Studies: Spanish and French; Gender, Power and Difference; Military and Veteran Culture; Nonprofit Administration.
4. Coordination of pre-health concentrations was discussed 10/5 at the Council of Deans (COD). Advisory Committee on Undergraduate Affairs (ACUA)/Committee of Assistant and Associate Deans (CAAD) were encouraged to take up the issue. Kelly Long may have more information on this coordination.

CONSENT AGENDA

See listing after New Business.

CIM Considerations

CIM Forms
CIM Processes
CIM Help Bubble

PENDING CoSRGE

New Program Proposals:

- [Anthropology Ph.D.](#)

OTHER BUSINESS

1. **Discussion Item: Program changes to be included on the UCC Consent Agenda**
Program changes (certificates excepted) will be screened by the staff of the Curriculum Catalog Unit to determine which are to be included on the UCC consent agenda. The following guidelines will be used as the basis for determining if a program change is placed on the UCC consent agenda. These guidelines are premised on ‘no substantive change is being made to the program.’ Additional guidelines will be identified as programs changes are received.
 1. Deactivated courses are removed from a program and the credits available are identified as electives.
 2. Deactivated courses are removed from course lists without being replaced.
 3. Courses totaling 6 or less credits are added or dropped from course lists of 6 or more courses (affected departments are to be identified).

4. Reconciling course changes to provide clarity of requirements or choices in a program (example, STAT 511 becoming STAT 511A and STAT 511B, thus program needs to indicate choice in the program).

Chair’s note—want guidelines for staff to screen and make agenda placement rather than having definitions as in the past for ‘minor’ changes.

2. **Reminder:** Input requested on the Proposed Professional Doctorate Policy (*see policy draft document on [UCC FileShare](#)*). Please send any feedback directly to [Carole Makela](#).
3. **Discussion Item: UCC Committee Responsibilities and Operating Procedures**
[UCC Committee Responsibilities – Faculty Manual Section C:](#)
 k. University Curriculum Committee (last revised June 22, 2006)

The University Curriculum Committee shall consist of one (1) faculty representative from each college and the Libraries, one (1) undergraduate student, one (1) graduate student, and the Provost or his or her designee (ex officio). The duties of this standing committee shall be:

1. To receive or initiate recommendations pertaining to each and every course and program offered for academic credit by any unit of the University.
2. To evaluate all proposals for new undergraduate courses and programs as well as changes in existing courses and programs for correlation with other departments before consideration and approval by the Faculty Council.
3. To evaluate all proposals for new graduate courses and programs as well as changes in existing courses and programs for correlation with other departments. Review of graduate programs is conducted after the Committee on Scholarship, Research, and Graduate Education has recommended approval prior to their submission to the Faculty Council for approval.
4. To develop necessary administrative procedures for informing interested colleges concerning courses under consideration.
5. To evaluate proposals for the establishment of new departments, and the change of academic name, change in college affiliation, dissolution, division, or merger of existing departments.
6. To recommend policies to the Faculty Council related to the operations of the Division of Continuing Education which impact curricula.

[UCC Operating Procedures](#) – See document after the Consent Agenda

OLD BUSINESS

Major Changes to Courses

Effective Term

College of Veterinary Medicine and Biomedical Sciences

[VM 745](#)

VM 745 Clinical Sciences I 5(5-0-0) S

Spring 2017

Prerequisite: None.

Restriction: Must be a: Graduate, Professional.

Registration Information: Admission to ~~professional curriculum in veterinary medicine~~ [the Doctorate of Veterinary Medicine Program](#). All courses must be taken in prescribed sequence in the ~~PVM~~ [DVM](#) program. [This is a partial semester course.](#)

Description: Diagnostic approaches to common medical problems of the [gastrointestinal tract \(including dentistry\), liver / pancreas, cardiovascular, urinary, and endocrine systems in small animal, food animal, and equine species are covered.](#) ~~digestive-hepatic systems.~~ [A clinical reasoning process for approaching clinical problems is reviewed and reinforced.](#)

Grade Mode: Traditional.

Reason for Request:

Current description of the body systems the course covers is incorrect.



NEW BUSINESS

New Courses

Effective Term

College of Engineering

[MECH 577](#) **MECH 577 Aerosol Physics and Technology 3(3-0-0) S** Summer 2017

Prerequisite: PH 141.

Registration Information: Senior standing. Sections may be offered: Online.

Description: Aerosols and their applications in science and engineering, air pollution control, atmospheric science, and public health. Topics cover the physical and chemical principles underlying the behavior of particles suspended in air, including particle size, aerodynamics, motion of particles in a force field, particle size statistics, and optical and electrical properties.

Grade Mode: Traditional.

Offering Year: Odd.

College of Liberal Arts

[E 643](#) **E643 Craft, Creative, & Critical Approaches to Lit 3(3-0-0) As Needed** Summer 2017

Prerequisite: None.

Restriction: Must be a: Graduate, Professional.

Registration Information: Admission into MA English or MFA Creative Writing Programs.

Description: A seminar-based class combining creative and craft-based experiments with traditional literary critical approaches to various topics utilizing poetry, fiction, creative non-fiction, and other alternate hybrid genres.

Grade Mode: Traditional

Reason for Request: Recent student and faculty surveys have revealed both desire and programmatic need for courses that merge creative and critical literary studies. Such a course will help all English and Creative Writing students achieve a greater mastery in their given fields.

College of Natural Sciences

[MATH 507](#) **MATH 507 Advanced Reasoning in Mathematics 3(3-0-0) SS** Summer 2017

Prerequisite: None.

Registration Information: Graduate standing. This is a partial semester course. Sections may be offered: Online.

Description: General proof techniques, proof in abstract algebra, proof in analysis, and proof in combinatorics.

Grade Mode: Traditional

Reason for Request: The target audience for this course is in-service teachers pursuing an online MS degree who may have been away from college for some time. The course serves as a short summer "boot camp" to reinforce fundamentals of mathematical reasoning and to ensure students are prepared to undertake graduate level courses.

Study Abroad Courses

College of Natural Sciences

[BZ 482B](#) **BZ 482B Study Abroad: Field Course in Dolphin Behavior & Physiology 2(0-0-2) S [1st Offering]** Spring 2017

Prerequisite: BZ 415.

Registration Information: None.

Description: This field program offers an 8-day research experience to Roatan, Honduras, where students will study animal behavior, animal physiology and conservation methods at the Roatan Institute for Marine Science (RIMS). Classroom lectures and discussions provide the framework to develop an understanding of the subject matter. Fieldwork allows students to develop the skills necessary to conduct preliminary research.

Grade Mode: Traditional

Reason for Request: This will be the first course offered by CSU to expose students to a live interactive learning experience with a captive open water dolphin population in Roatan, Honduras.

New Graduate Certificates

**College of Health and Human Sciences
 Department of School of Education
 Graduate Certificate in Adult Basic Education**

Effective Fall 2017

[Link to CIM](#)

Additional coursework may be required due to prerequisites.

Code	Title	Credits
Required Courses		
EDAE 520	Adult Education	3
EDAE 530	Adult Basic Education	3
EDAE 540	Teach English as Second Lang—Adult Learners	3
EDAE 620	Processes and Methods	3
Program Total Credits		12

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.



**Warner College of Natural Resources
 Department of Fish/Wildlife/Conservation Biology
 Graduate Certificate in Conservation Actions with Lands, Animals, and People**

Effective Fall 2017

[Link to CIM](#)

Additional coursework may be required due to prerequisites.

Code	Title	Credits
Select a minimum of 3 courses:		9
FW 556	Leopold's Ethic for Wildlife and Land	
FW 557	Wildlife Habitat Management on Private Land	
FW 576	Wildlife Policy, Administration, and Law	
NR 501	Leadership and Public Communications	
NR 515	Natural Resources Policy and Biodiversity	
NR 535	Action for Sustainable Behavior	
Program Total Credits		9

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.



**Warner College of Natural Resources
 Center for Environmental Management of Military Lands
 Graduate Certificate in Sustainable Military Lands Management (SMLM)**

Effective Fall 2017

[Link to CIM](#)

Additional coursework may be required due to prerequisites.

Code	Title	Credits
NR 550	Sustainable Military Lands Management	3
Select 2 courses from the following:		6
NR 551	Cultural Resource Management on Military Lands	
NR 552	Ecology of Military Lands	
NR 553	DoD Sustainable Building and Infrastructure	
Program Total Credits		9

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.



New Specialization

**College of Business
 Department of Accounting
 Master of Accountancy, Plan C, Data Analytics and Systems Specialization**

Effective Fall 2017

[Link to CIM](#)

Code	Title	Credits
Required core		
ACT 540	Professional Ethics and Responsibilities	3
ACT 561	Legal and Regulatory Issues in Accounting	3
ACT 601B	Professional Practice: Accounting	3
ACT 631	Corporate Taxation	3
ACT 641	Contemporary Auditing	3
Other required courses		
ACT 550	Accounting Information Technologies	3
ACT 614	Financial Statement Analysis and Valuation	3
CIS 575	Applied Data Mining and Analytics in Business	3
CIS 601	Enterprise Computing and Systems Integration	3
Elective		
Choose 3 credits from the following, or other approved MAcc elective in consultation with advisor:		3
ACT 570	Government and Nonprofit	
ACT 575	Oil and Gas Accounting	
CIS 570	Business Intelligence	
Program Total Credits		30



Program Deactivation

Warner College of Natural Resources
 Department of Forest and Rangeland Stewardship
 Master of Natural Resources Stewardship, Sustainable Military Lands Management Specialization

Effective Spring 2017
[Link to CIM](#)

Effective Fall 2014

Code	Title	Credits
Core Courses		
Select one course from the following:		3
<u>F 520</u>	Advanced Quantitative Methods in Forestry I	
<u>NR 566</u>	Natural Resource Inventory and Data Analysis	
<u>RS 532</u>	Rangeland Ecosystem Sampling	
<u>NR 444</u> or <u>NR 568</u>	Fire Economics and Policy Economics of Forests, Restoration and Fire	3
<u>NR 565</u> or <u>NR 578</u>	Principles of Natural Resources Ecology Ecology of Disturbed Lands	3
<u>NR 567</u>	Analysis of Environmental Impact	3
<u>NR 693</u>	Natural Resources Stewardship Seminar	2
Sustainable Military Lands Management Specialization		
<u>NR 550</u>	Sustainable Military Lands Management	3
<u>NR 551</u>	Cultural Resource Management on Military Lands	3
<u>NR 552</u>	Ecology of Military Lands	3
Electives ⁺		7
Program Total Credits		30
Course List		

~~A minimum of 30 credits are required to complete this program.~~

⁺ Select courses with approval of advisor and graduate committee.



University Curriculum Committee
October 14, 2016
CONSENT AGENDA

Experimental Courses – First Offerings

	Course Title	Effective Term
ENGR 580A4	Cybersecurity for Systems Engineers	Spring 2017
MIP 581A2 *	Microbial Metagenomics/Genomics Data Analysis	Spring 2017

*MIP 581A2 was previously approved on UCC's 8/19/16 minutes effective Fall 2016; however, the course was not offered. The CIM proposal has been updated to be effective Spring 2017 instead.