

A regular meeting of the University Curriculum Committee was held on April 24, 2009 at 2:00 p.m.

Members present: Chair Carole Makela, Professors Bradley Goetz, Larry Johnson for David Gilliland, Patrick Fitzhorn, Walt Jones, John Ridley, Howard Ramsdell, and Cathy Cranston.

Absent: Professor Steven Strauss, undergraduate representative Lindsey McKee, and Alan Lamborn (*ex-officio*).

Guests: Mike Brake, Matt Goodrich, Linda Selkirk and Steve Wallner.

Minutes

The minutes of April 17, 2009, were approved via electronic voting prior to the meeting.

CURRICULAR REQUESTS

* Course is offered for term specified in even-numbered years.

+Course requires field trips.

NT-O, offered as nontraditional, online course.

The following curricular requests were approved.

New Courses

Effective Date

***+ANTH 456 03(3-0-0). Archaeology and the Public.** S. Prerequisite: ANTH 140; 3 additional credits of archaeology. Spring Semester 2010

Applied archaeology in public settings, including publication, museum display, education, the illicit artifact trade, and other ethical issues. Required field trips.

MECH 557 03(3-0-0). Turbomachinery. S. Prerequisite: MECH 337; MECH 342. Spring Semester 2010

Application of fundamental principles of thermodynamics and fluid mechanics to turbomachinery.

***NR 543B 02(2-0-0). Catalyzing Change: Collaborative Conservation.** SS. Prerequisite: Enrollment in the Conservation Leadership specialization. Spring Semester 2010

Collaborative communication theories, methods, and tools to effectively create change in the field of conservation.

***NR 544A-E. Conservation Methods.** SS. Prerequisite: Enrollment in the Conservation Leadership specialization. Students must enroll in NR 544A-E concurrently. Spring Semester 2010

A) Watershed sciences. 01(1-0-0). B) Ecological sciences. 01(1-0-0). C) Social sciences. 01(1-0-0). D) Spatial information. 01(1-0-0). E) Integrative field work. Var [2-4].

***NR 545 02(2-0-0). Multi-level Views of Society and Conservation.** SS. Prerequisite: Enrollment in the Conservation Leadership specialization. Spring Semester 2010

Myriad and often opposing views of societal and environmental problems across cultures and across scales.

***NR 546 02(2-0-0). Human Ecosystem Context of Southern Mexico.** F. Prerequisite: Enrollment in the Conservation Leadership specialization. Spring Semester 2010

Background for conservation work in Southern Mexico: ecosystems, peoples, politics, and development.

- *NR 547 02(2-0-0). Poverty and Sustainable Development: Mexico.** F. Spring Semester 2010
Prerequisite: Enrollment in the Conservation Leadership specialization.
Theoretical and methodological tools to analyze the interactions between poverty and sustainable development in Mexico.
- *NR 548 02(2-0-0). Conservation Planning and Management.** F. Spring Semester 2010
Prerequisite: Enrollment in the Conservation Leadership specialization.
Fundamental theories and management practices of protected areas in the context of southern Mexico.
- *NR 549B Var[1-3]. Conservation/Systems Leadership: Field.** F. Spring Semester 2010
Prerequisite: Enrollment in the Conservation Leadership specialization.
Effective environmental leadership across cultures through exposure to leadership models, theories, case studies, assessments and trainings.
- *TH 450 03(2-2-0). Professional Actor Preparation.** F. Prerequisite: TH Fall Semester 2010
351.
Portfolios, casting, breakdowns, reels, agents, managers, interviews, cold reading techniques, on-camera work, marketing.

Major Change in Courses

Effective Date

- ANTH 319 03(2-0-1). Latin American Peasantries, **change to:** Spring Semester 2010
- ANTH 319/ETST 319 03(3-0-0). Latin American Peasantries.** F, S.
Credit not allowed for both ANTH 319 and ETST 319. Prerequisite:
(ANTH 100; ANTH 200) or ETST 100.
Sociocultural, economic, and political responses of Latin American
peasantries to poverty and global processes.
- ANTH 319 03(2-0-1). Latin American Peasantries, **change to:** Spring Semester 2010
- ETST 319/ANTH 319 03(3-0-0). Latin American Peasantries.** F, S.
Credit not allowed for both ETST 319 and ANTH 319. Prerequisite:
(ANTH 100; ANTH 200) or ETST 100.
Sociocultural, economic, and political responses of Latin American
peasantries to poverty and global processes.
- BIOM 543/CBE 543 03(3-0-0). Membranes for Biotechnology and Spring Semester 2010
Biomedicine, **change to:**
- BIOM 543/CBE 543 03(3-0-0). Membranes for Biotechnology and Biomedicine.** F. Prerequisite: CHEM 341; CHEM 343; CHEM 472 or CBE 310. Credit not allowed for both BIOM 543 and CBE 543.
Polymeric membrane formation, modification, module design and applications to bioseparation and biomedical separations and tissue engineering. (NT-O)
- [Approved as a nontraditional online course.]

BIOM 531/MECH 531 03(3-0-0). Materials Engineering, **change to:** Spring Semester 2010

BIOM 531/MECH 531 03(3-0-0). Materials Engineering, S. Prerequisite: MECH 331 or MECH 431. Credit not allowed for both BIOM 531 and MECH 531.

Selection of structural engineering materials by properties, processing, and economics; materials for biomedical and biotechnology applications. (NT-O)

[Approved as a nontraditional online course.]

CBE 543/BIOM 543 03(3-0-0). Membranes for Biotechnology and Biomedicine, **change to:** Spring Semester 2010

CBE 543/BIOM 543 03(3-0-0). Membranes for Biotechnology and Biomedicine, F. Prerequisite: CHEM 341; CHEM 343; CHEM 472 or CBE 310. Credit not allowed for both CBE 543 and BIOM 543.

Polymeric membrane formation, modification, module design and applications to bioseparation and biomedical separations and tissue engineering. (NT-O)

[Approved as a nontraditional online course.]

EDUC 601 03(3-0-0). Philosophy/Organization of Workforce Education, **change to:** Spring Semester 2010.

EDAE 601 03(3-0-0). Philosophy/Organization of Workforce Education, SS.

Principles, philosophy, practices, and innovations of workforce education and human resources. (NT-O/V)

MECH 531/BIOM 531 03(3-0-0). Materials Engineering, **change to:** Spring Semester 2010

MECH 531/BIOM 531 03(3-0-0). Materials Engineering, S. Prerequisite: MECH 331 or MECH 431. Credit not allowed for both MECH 531 and BIOM 531.

Selection of structural engineering materials by properties, processing, and economics; materials for biomedical and biotechnology applications. (NT-O)

[Approved as a nontraditional online course.]

TH 499 03. Thesis, **change to:** Spring Semester 2010

TH 499 Var[3-6]. Thesis, F, S, SS. Prerequisite: TH 341; TH 342; theatre majors only.

Comprehensive project in performance, production, or scholarship, directed by a faculty member.

Major Changes in Curricula

College of Engineering
 Department of Engineering
 Major in Civil Engineering
 Civil Engineering Concentration

Effective Spring 2010

(Only the changes are shown, not the entire program. Deletions are in ~~strikeout~~; additions are in underline.)

<u>Course</u>	<u>Title</u>	<u>Cr</u>	<u>AUCC</u>
FRESHMAN			
CHEM 111^P	General Chemistry I	4	3A
CHEM 112^P	General Chemistry Laboratory I	1	3A
CHEM 113^P	General Chemistry II	3	
<u>PH 141^P</u>	<u>Physics for Scientists and Engineers I</u>	<u>5</u>	<u>3A</u>
<u>PH 142^P</u>	<u>Physics for Scientists and Engineers II</u>	<u>5</u>	<u>3A</u>
	Arts/humanities ¹	<u>6</u>	<u>3B</u>
	TOTAL	<u>34</u>	<u>33</u>
SOPHOMORE			
<u>CHEM 111^P</u>	<u>General Chemistry I</u>	<u>4</u>	<u>3A</u>
<u>CHEM 112^P</u>	<u>General Chemistry Laboratory I</u>	<u>1</u>	<u>3A</u>
<u>CHEM 113^P</u>	<u>General Chemistry II</u>	<u>3</u>	
MATH 340^P	Introduction to Ordinary Differential Equations	4	4A, 4B
<u>MECH 237^P</u>	<u>Introduction to Thermal Sciences</u>	<u>3</u>	
PH 141^P	Physics for Scientists and Engineers I	5	3A
PH 142^P	Physics for Scientists and Engineers II	5	3A
	<u>Arts/humanities¹</u>	<u>3</u>	<u>3B</u>
	TOTAL	<u>33</u>	
JUNIOR			
<u>MATH 340^P</u>	<u>Introduction to Ordinary Differential Equations</u>	<u>4</u>	<u>4A, 4B</u>
MECH 237^P	Introduction to Thermal Sciences	3	
	TOTAL	<u>32</u>	<u>33</u>
PROGRAM TOTAL = 130 credits			

^P This course has at least one prerequisite. Check the Courses of Instruction section of the catalog or <http://catalog.colostate.edu/front/courses-of-instruction.aspx> to see the course prerequisites.

¹ Select two courses from department list of those in category 3B in the All-University Core Curriculum (AUCC). Only 3 of the 6 credits required for arts and humanities may come from intermediate (L* 200 and L* 201) foreign language courses.

Major in Civil Engineering
 Soil and Water Resource Engineering Concentration

Effective Spring 2010

(Only the changes are shown, not the entire program. Deletions are in ~~strikeout~~; additions are in underline.)

<u>Course</u>	<u>Title</u>	<u>Cr</u>	<u>AUCC</u>
FRESHMAN			
CHEM 111^P	General Chemistry I	4	3A
CHEM 112^P	General Chemistry Laboratory II	1	3A
CHEM 113^P	General Chemistry II	3	
<u>PH 141^P</u>	<u>Physics for Scientists and Engineers I</u>	<u>5</u>	<u>3A</u>
<u>PH 142^P</u>	<u>Physics for Scientists and Engineers II</u>	<u>5</u>	<u>3A</u>
	Arts/humanities ¹	<u>6</u>	<u>3B</u>

<u>Course</u>	<u>Title</u>	<u>Cr</u>	<u>AUCC</u>
TOTAL		<u>3433</u>	
SOPHOMORE			
<u>CHEM 111^P</u>	<u>General Chemistry I</u>	<u>4</u>	<u>3A</u>
<u>CHEM 112^P</u>	<u>General Chemistry Laboratory II</u>	<u>1</u>	<u>3A</u>
<u>CHEM 113^P</u>	<u>General Chemistry II</u>	<u>3</u>	
<u>MECH 237^P</u>	<u>Introduction to Thermal Sciences</u>	<u>3</u>	
MATH 340^P	Introduction to Ordinary Differential Equations	4	4A, 4B
PH 141^P	Physics for Scientists and Engineers I	5	3A
PH 142^P	Physics for Scientists and Engineers II	5	3A
	<u>Arts and humanities¹</u>	<u>3</u>	<u>3B</u>
TOTAL		<u>33</u>	
JUNIOR			
<u>MATH 340^P</u>	<u>Introduction to Ordinary Differential Equations</u>	<u>4</u>	<u>4A, 4B</u>
MECH 237^P	Introduction to Thermal Sciences	3	
TOTAL		<u>3031</u>	
PROGRAM TOTAL = 130 credits			

^P This course has at least one prerequisite. Check the Courses of Instruction section of the catalog or <http://catalog.colostate.edu/front/courses-of-instruction.aspx> to see the course prerequisites.

¹ Select two courses from departmental list of those in category 3B in the All-University Core Curriculum (AUCC). Only 3 of the 6 credits required for arts and humanities may come from intermediate (L* 200 and L* 201) foreign language courses.

Request to Change the Name of the Major in Landscape Horticulture

A request by the Department of Horticulture and Landscape Architecture to change the name of the major (B.S. degree) in landscape horticulture to a B. S. in environmental horticulture was approved, with one member abstaining from voting. The recommended effective date, subject to special action by Faculty Council and approval by the Board of Governors and CCHE, is Fall Semester 2010.

Request to Change the Name of the Minor in Landscape Horticulture

A request by the Department of Horticulture and Landscape Architecture to change the name of the minor in landscape horticulture to a minor in environmental horticulture was approved, with one member abstaining from voting. The recommended effective date is Fall Semester 2010.

University Curriculum Committee Deadlines for 2009-2010

Submission deadlines for the University Curriculum Committee for the 2009-2010 academic year were approved. The deadlines will be published on the UCC web pages, and dean's and department offices will be notified of the document's URL.

Online General Catalog

Mike Brake and Matt Goodrich demonstrated the online General Catalog to UCC members. Mike and Matt showed the layout of the online General Catalog. The online General Catalog can be searched in several different ways and will be printable on demand. It is currently planned to have the course and program content will be updated every six months.

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The meeting adjourned at 4:15 p.m.

(FC) 5/1/2009

Carole Makela, Chair
Tom Hoehn, Secretary

DEADLINES FOR 2009-2010 CURRICULAR CHANGES

All actions of the University Curriculum Committee are subject to approval by Faculty Council, either through approval of the UCC minutes on their consent agenda or by special action. Some actions require additional approval by the Board of Governors and CCHE. Colleges and departments are strongly encouraged to submit curricular materials as early in the year as possible, to ensure timely consideration by all entities.

NOTE: A **minimum of two (2) weeks processing time** is required for materials going before the University Curriculum Committee. This allows time for checking and distribution of materials to members in a timely manner. **This processing time will be strictly adhered to during the 2009-2010 academic year.**

Course Deadlines

Deadline Type	Deadlines for Spring Semester Registration 2010	Deadlines for Summer Session Class Schedule 2010	Deadlines for Fall Semester Registration 2010	Deadlines for Spring Semester 2011
<i>New Course/Major Changes must be received at the Curriculum & Catalog Office by:</i>	09/18/09	10/23/09	02/19/10	09/17/10
<i>Minor Changes must be received at Curriculum & Catalog Office by:</i>	09/09/09	11/01/09	02/11/10	09/14/10
<i>Class Schedule available online:</i>	10/02/09	01/08/10	03/05/10	10/01/10
<i>Registration Begins:</i>	10/26/09	03/23/10	04/05/10	10/25/10

Minor change lists are published approximately once a month (7-8 times) during the academic year see table below. The minor change lists can be accessed at http://www.colostate.edu/orgs/ucc/minchange/minorchg_main.htm.

Minor Changes	Due Date	Minor Change List	Earliest Effective Date
<i>Must be received at Curriculum & Catalog by:</i>	9/9/2009	#1-September	Spring 2010
	10/1/2009	#2-October	Summer 2010
	11/1/2009	#3-November	Summer 2010
	12/1/2009	#4-December	Fall 2010
	2/11/2009	#5-February	Fall 2010
	3/1/2009	#6-March	Spring 2011
	4/1/2009	#7-April	Spring 2011

Program Deadlines¹

Deadline Type	Deadlines for Programs Effective Spring 2010	Deadlines for Programs Effective Summer 2010	Deadlines for Programs Effective Fall 2010	Deadlines for Programs Effective Spring 2011 ⁴
Programs requiring Final approval through CCHE must be received at the Curriculum & Catalog Office by:^{2,3}	01/15/09	09/01/09	09/15/09	01/15/10
<i>Final program approval through a Faculty Council Special Action or approval through UCC minutes must be received at the Curriculum & Catalog Office by:</i>	10/30/09	02/19/10	03/19/10	11/05/10
<i>Minor Changes to existing programs must be received at Curriculum & Catalog Office by:</i>	11/01/09	03/1/10	04/01/10	04/01/10
<i>Faculty Council Consideration Date</i>	12/01/09	04/06/10	05/04/10	12/07/10

¹Graduate programs need at least 1 month lead time for CoSRGE review and approval before UCC consideration.

²New program proposals need between 6 months to 1 year lead time to allow for all channels of approval. The Routing Path for programs and degree changes can be accessed at:

<http://facultycouncil.colostate.edu/files/RoutingPathsProgramDegreeChanges2007.pdf>

³See the New Program Planning Proposal link on the <http://www.colostate.edu/Orgs/ucc/> website

⁴ Because classes for Fall Semester 2011 begin on August 22, and because college curriculum committees and the UCC do not meet during the summer, the approval process (including UCC) should be completed prior to the end of the spring 2011 term. The tentative last scheduled UCC meeting for 2010-2011 will be May 6, 2011, and the first meeting (tentative) for 2010-2011 will be August 27, 2010.