

A regular meeting of the University Curriculum Committee was held on January 30, 2009 at 2:00 p.m.

Members present: Chair Carole Makela, Professors Bradley Goetz, David Gilliland, Patrick Fitzhorn, Walt Jones, John Ridley, Steven Strauss, Howard Ramsdell, Cathy Cranston, undergraduate representative Russ Pinkston, and Alan Lamborn (*ex-officio*).

Guest: Linda Selkirk

Minutes

The minutes of January 23, 2008, were approved.

CURRICULAR REQUESTS

NT-O, offered as nontraditional, online course.

The following curricular requests were approved.

New Courses

ATS 150 03(3-0-0). Science of Global Climate Change. S.

Physical basis of climate change. Energy budget of the earth, the greenhouse effect, carbon cycle, paleoclimate, projections of 21st-century climate.

Effective Date

Spring Semester 2010

ERHS 407 02(0-0-2). Emergency Response and Preparedness. F, S, SS.

Prerequisite: ERHS 220 or BMS 300 or MIP 300 or STAT 307 or CHEM 345.

Key concepts, principles, practices and resources for emergency management planning, preparedness, response and recovery. (NT-O)

[Approved as an online nontraditional course.]

Fall Semester 2010

FIN 698 Var[1-6]. Research. F. S.

Fall Semester 2009

LAND 698 Var[1-5]. Research. F, S, SS. Prerequisite: Graduate standing.

Guided research experience in landscape architecture.

Fall Semester 2009

LGEN 694 Var[1-6]. Independent Study: Portfolio. F, S, SS.

Fall Semester 2009

MIP 570 03(2-2-0). Functional Genomics. F. Prerequisite: MIP 300; MIP 302; MIP 443; MIP 450.

State-of-the-art genomic tools with applications to studies of pathogenesis and pathophysiology of infectious diseases.

Fall Semester 2009

Major Change to Courses

ANTH 442 08(8-0-0). Ethnographic Field School, **change to:**

Effective Date

Summer Semester 2009

ANTH 442 Var[3-8]. Ethnographic Field School, SS. Prerequisite: ANTH 100 or ANTH 200 or 9 credits in ANTH coursework.

Directed fieldwork with American Indian communities; methodology, protocols, and social relations of ethnographic field research.

MECH 531 03(3-0-0). Materials Engineering, **change to:** Fall Semester 2009

MECH 531/BIOM 531 03(3-0-0). Materials Engineering, S. Prerequisite:
 MECH 331 or MECH 431.

Selection of structural engineering materials by properties, processing,
 and economics; materials for biomedical and biotechnology applications.

Course Drops

Effective Date

HONR 100 01(0-0-1). Honors Western Civilization I.	Fall Semester 2009
HONR 101 01(0-0-1). Honors Western Civilization II.	Fall Semester 2009
HONR 103 02(1-0-1). Honors Biology of Organisms.	Fall Semester 2009
HONR 170 01(0-0-1). Honors World Civilizations—Ancient-1500.	Fall Semester 2009
HONR 171 01(0-0-1). Honors World Civilizations—1500-Present.	Fall Semester 2009

New Curricula

College of Agricultural Sciences
Department of Horticulture and Landscape Architecture
Master of Landscape Architecture (Plan C)

Effective Fall 2009

(The entire program is shown.)

<u>Course</u>	<u>Title</u>	<u>Cr</u>
FIRST YEAR		
Fall		
LAND 601 ^P	Major Landscape Change	4
	OR	
LAND 603 ^P	Topics in Urban Design	4
	Focus Area Electives ¹	6
Spring		
LAND 510	Virtual Design Methods	3
	OR	
LAND 520 ^P	Geographic Information Systems	3
LAND 602 ^P	Topics in Garden Design	4
	Focus Area Electives ¹	3
	TOTAL	20
SECOND YEAR		
Fall		
LAND 601 ^P	Major Landscape Change	4
	OR	
LAND 603 ^P	Topics in Urban Design	4
	Focus Area Electives ¹	6
Spring		
LAND 510	Virtual Design Methods	3
	OR	
LAND 520 ^P	Geographic Information Systems	3

<u>Course</u>	<u>Title</u>	<u>Cr</u>
LAND 604 ^P	Park and Recreation Planning and Design	4
	Focus Area Electives ¹	3
	TOTAL	20

PROGRAM TOTAL = 40 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.

¹A minimum of nine of the elective credits must be in regular graduate courses in the focus area. Focus areas, with defining electives, include:

Cultural and Historic Landscapes (ANTH500, Development of Anthropological Theory; ANTH510, Contemporary Issues and Ethics in Anthropology; ANTH515, Culture and Environment; ANTH530, Humans in Ecosystems; HIST503, Historical Method : Preservation; AREC572, Social Benefit Cost Analysis).

Landscape Ecology (ECOL505, Foundations of Ecology; BZ561, Landscape Ecology; ECOL571, Advanced Topics in Ecology; RS578, Ecology of Disturbed Lands; ECOL592, Interdisciplinary Seminar in Ecology; ECOL610, Ecosystem Ecology; ECOL620, Applications in Landscape Ecology; NR522, Wilderness Ecosystem Planning; FW565, Managing Human-Wildlife Conflicts).

Landscape Restoration and Reclamation (ECOL505, Foundations of Ecology; BZ561, Landscape Ecology; RS578, Ecology of Disturbed Lands; BZ572, Phytoremediation; CIVE 549, Drainage and Wetlands Engineering; ECOL592, Interdisciplinary Seminar in Ecology; NR515, Natural Resources Policy and Biodiversity; NR561, Habitat Evaluation Procedures).

Regional and Community Planning (ECON/AREC540, Economics of Natural Resources; ECON/AREC541, Environmental Economics; AREC547, Public Lands Planning and Management; NR505, Concepts in GIS; FW565, Managing Human-Wildlife Conflicts; NRRT550, Ecotourism; NR580A3, Ecosystem Services; NR506, GIS Methods for Resource Management).

Remote Sensing/GIS (NR503, Remote Sensing of Natural Resources; NR504, Computer Analysis of Remote Sensing Data; NR505, Concepts in GIS; NR506, GIS Methods for Resource Management; NR512, Spatial Statistical Modeling-Natural Resources; NR621, Design of Geographic Information Systems).

Semi-Arid/Western Landscapes (CIVE520, Physical Hydrology; CIVE522, Engineering Hydrology; CIVE/WR524, Modeling Watershed Hydrology; CIVE544, Water Resources Planning and Management; AREC542, Applied Advanced Water Resource Economics; CIVE548, Irrigation Management for Water Quality; WR516, Cumulative Effects and Watershed Analysis).

College of Business
Department of Finance and Real Estate
Master of Science in Business Administration
Financial Risk Management Specialization (Full-time enrollment)

Effective Fall 2009

(The entire program is shown.)

<u>Course</u>	<u>Title</u>	<u>Cr</u>
FALL		
FIN 524 ^P	Financial Statistics	3
STAT 524 ^P		
FIN 605 ^P	Enterprise Valuation	3
FIN 625 ^P	Quantitative Methods in Finance	3
FIN 655	Investments	3
FIN 675	International Finance	3
	TOTAL	15
SPRING		
FIN 610 ^P	Debt Securities Analysis	3
FIN 630 ^P	Financial Modeling	3

<u>Course</u>	<u>Title</u>	<u>Cr</u>
FIN 665 ^P	Financial Engineering	3
FIN 670 ^P	Risk Management Theory and Application	3
FIN 698 ^{P1}	Research	2
FIN 696 ^P	Group Study	1
	TOTAL	<hr/> 15

PROGRAM TOTAL = 30 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.

¹Includes a scholarly paper on topic related to specialization and approved by the student's graduate committee.

Request for Master of Landscape Architecture (Plan C)

A request by the Department of Horticulture and Landscape Architecture to establish a major in landscape architecture (Plan C) was approved. The proposed effective date, pending special action by Faculty Council and approval by Board of Governors and CCHE, is Fall Semester 2009.

Request to Add Financial Risk Management Specialization in Business Administration

Requests by the Department of Finance and Real Estate to add a specialization in financial risk management to the M.S. program in business administration was approved. The recommended effective date, subject to approval by Faculty Council, is Fall Semester 2009.

Request to Transfer Geography Courses

A request from the College of Liberal Arts and the Warner College of Natural Resources to transfer the GR (geography) prefix and all its courses from the Department of Forest, Rangeland, and Watershed Stewardship to the Department of Anthropology was approved. The effective date, subject to approval by Faculty Council, is Summer Semester 2009.

Request to Drop Transfer Requirement in the Department of Mathematics

A request to drop the following requirement for transfer students in the Department of Mathematics was approved:

Transfer students must complete a minimum of nine upper-division credits in mathematics at Colorado State, excluding MATH 315, MATH 340, and mathematics courses ending in -80 to -99.

The statement will be dropped from the 2009-2010 *General Catalog*. Effective date for the dropped requirement is Summer Semester 2009, subject to approval by Faculty Council.

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Resolution

The following was moved and seconded:

UCC highly recommends the Department of Atmospheric Science add ATS 150, Science of Global Climate Change to the All University Core Curriculum, AUCC.

The motion passed unanimously.

The meeting adjourned at 4:10 p.m.

(FC) 2/6/09

Carole Makela, Chair
Tom Hoehn, Secretary