A regular meeting of the University Curriculum Committee was held on October 23, 2009 at 2:00 p.m.

Members present: Chair Carole Makela, Professors Patrick Fitzhorn, Paul Mallette, John Ridley, Steven Strauss, Howard Ramsdell, and Jeffrey Bullington.

Absent: Professors Bradley Goetz, Walt Jones, undergraduate representative Conrad Miller, and Alan Lamborn (*ex-officio*).

Guest: Linda Selkirk

Minutes

The minutes of October 16, 2009, were approved.

CURRICULAR REQUESTS

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

The following curricular requests were approved.

New Courses	Effective Date
***BIOM 537/ECE 537 03(3-0-0). Biomedical Signal Processing.** S. Prerequisite: MATH 340 or ECE 311or STAT 303. Credit not allowed for both BIOM 537 and ECE 537. Measuring, manipulating, and interpreting biomedical signals.	Spring Semester 2010
CIVE 330 02(2-0-0). Ecological Engineering. S. Principles of ecological engineering and design of sustainable ecosystems.	Spring Semester 2010
CS 356 03(3-0-0). Systems Security. F, S. Prerequisite: CS 253 with a C. Computer and system security, authentication, access control, malicious software, and software security.	Fall Semester 2010
***ECE 537/BIOM 537 03(3-0-0). Biomedical Signal Processing.** S. Prerequisite: MATH 340 or ECE 311or STAT 303. Credit not allowed for both ECE 537 and BIOM 537. Measuring, manipulating, and interpreting biomedical signals.	Spring Semester 2010

Major Change in Courses	Effective Date
ATS 742 03(2-2-0). Tropical Atmosphere, **change to:**	Summer Semester 2010
***ATS 742 02(2-0-0). Tropical Meteorology.** S. Prerequisite: ATS 601; ATS 602; ATS 606. Overview of the tropical atmosphere, monsoons, intraseasonal variability, hurricanes, theory of tropical convection and the large-scale circulation.	
CS 314 04(3-3-0). Software Development Methods, **change to:**	Fall Semester 2010
CS 314 03(3-0-0). Software Development Methods. F, S. Prerequisite: CS 253 with a C or better. Methods used to develop large-scale software projects in industry emphasizing design, implementation, and testing.	

CS 370 04(3-3-0). System Architecture and Software, **change to:**	Fall Semester 2010
CS 370 03(3-0-0). System Architecture and Software. F, S. Prerequisite: CS 200 with a C or better; CS 270 with a C or better or ECE 251 with a C or better. Introduction to operating systems including memory organization, I/O control, multitasking, process control, coordination, and resource management.	
ENVE 441 01(0-3-0). Water and Wastewater Characterization, **change to:**	Spring Semester 2010
ENVE 441 03(2-3-0). Water Quality Analysis and Treatment. S. Prerequisite: CIVE 438/ENVE 438 or concurrent registration or CIVE 440 or concurrent registration. Physical, chemical and biological methods for the characterization of waters and wastewaters.	
*FTEC 578 03(2-2-0). Nutraceuticals, **change to:**	Spring Semester 2010
***FTEC 578 03(2-0-1). Bioactives and Probiotics for Health.** S. Prerequisite: BC 351; LIFE 305 or MIP 300. Mechanisms through which functional foods and probiotics modulate intracellular signal transduction and protein expression in chronic disease states.	

Course Drops	**Effective Date**
CS 301 04(4-0-0). Foundations of Computer Science.	Fall Semester 2010
MECH 563 03(3-0-0). Air Pollution Control.	Summer Semester 2010

Major Changes in Curricula

College of Engineering
Major in Engineering Science **Effective Spring 2010**
Teacher Education Concentration

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

Course	**Title**	**Cr**	**AUCC**
SOPHOMORE			
CIVE 260[P]	Engineering Mechanics—Statics	3	
CIVE 261[P]	Engineering Mechanics—Dynamics	3	
~~CIVE 262[P]~~	~~Engineering Mechanics~~	~~4~~	
	TOTAL	~~32~~ 34	

PROGRAM TOTAL = ~~137-139~~139-141 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.

Warner College of Natural Resources
Department of Forest, Rangeland, and Watershed Stewardship
Minor in Range Ecology **Effective Spring 2010**

(The entire program is shown. Deletions are in ~~strikeout~~; additions are in underline.)

Course		Title	Cr	AUCC
LOWER DIVISION				
		Select a minimum of nine credits from the following:[1]		
BZ	223[P]*	Plant Identification	3	
F	210[P]*	Forest Ecogeography	3	
~~LAND~~	~~220[P]*/~~	~~Fundamentals of Ecology~~	~~3~~	
~~LIFE~~	~~220[P]*~~			
LIFE	320[P]	Ecology	3	
NR	220[P]*	Natural Resources Ecology and Measurements	5	
SOCR	240[P]*	Introductory Soil Science	4	
		TOTAL	9	
UPPER DIVISION				
RS	300[P]*	Rangeland Conservation and Stewardship	3	
		~~**OR**~~		
~~SOCR~~	~~320~~	~~Forage and Pasture Management~~	~~3~~	
RS	331[P]	Wildland Plants and Plant Communities	3	
RS	432[P]*	Rangeland Measurements and Monitoring	2	
		Select a minimum of ~~five~~ four credits from the following:		
RS	329[P]	Rangeland Assessment	1	
RS	351[P]	Wildland Ecosystems in a Changing World	3	
~~RS~~	~~400[P]~~	~~Rangeland Improvements~~	~~2~~	
RS	452[P]*	Rangeland Herbivore Ecology and Management	3	
~~RS~~	~~470[P]*~~	~~Rangeland Economics and Analysis~~	~~2~~	
~~RS~~	~~471[P]~~	~~Rangeland Planning and Grazing Management~~	~~2~~	
~~RS~~	~~472[P]~~	~~Rangeland Ecosystem Planning~~	~~4~~	
RS	478[P]	Ecological Restoration	3	
		TOTAL	~~14~~12	
PROGRAM TOTAL = ~~23~~ 21 credits without prerequisites				

[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] SOCR 240 and one of BZ 223, F 210, or NR 220 are recommended.
*Additional course work may be required because of prerequisites.

The meeting adjourned at 4:10 p.m.

(FC) 10/30/09

Carole Makela, Chair
Tom Hoehn, Secretary