

A regular meeting of the University Curriculum Committee was held on October 16, 2009 at 2:00 p.m.

Members present: Chair Carole Makela, Professors Bradley Goetz, Patrick Fitzhorn, Walt Jones, Paul Mallette, John Ridley, Steven Strauss, and Jeffrey Bullington.

Absent: Professor Howard Ramsdell, undergraduate representative Conrad Miller, and Alan Lamborn (*ex-officio*).

Guest: Linda Selkirk

Minutes

The minutes of October 9, 2009, were approved.

CURRICULAR REQUESTS

+Course requires field trips.

NT-C, offered as nontraditional, correspondence course.

NT-O, offered as nontraditional, online course.

The following curricular requests were approved.

New Courses

Effective Date

+ANEQ 443 02(1-2-0). Applied Equine Nutrition. S. Prerequisite: ANEQ 345.

Spring Semester 2010

Applying principles of nutrition to feeding horses in different physiological states in an effort to promote their health and well-being. Required field trips.

+PHIL 320 03(3-0-0). Ethics of Sustainability. F, S.

Fall Semester 2010

Ethical and conceptual issues surrounding creation of sustainable societies and lifestyles. Required field trips.

SOCR 410 01(0-0-1). Seed Processes: Storage and Deterioration. F, S, SS. Prerequisite: BZ 104 or BZ 105 or BZ 120.

Spring Semester 2010

Environmental conditions and management factors influencing storage and deterioration of seeds, including physiological and biochemical changes. (NT-C/O)

[Approved as a nontraditional online course.]

SOCR 411 01(0-0-1). Seed Processes: Legume Seed Production. F, S, SS. Prerequisite: BZ 104 or BZ 105 or BZ 120.

Spring Semester 2010

Principles for seed production of large-seeded legume crops with emphasis on common bean, peanut and soybean. (NT-C/O)

[Approved as a nontraditional online course.]

SOCR 412 01(0-0-1). Seed Processes: Separation and Conditioning. F, S, SS. Prerequisite: SOCR 100.

Spring Semester 2010

Understanding the physical process required to separate pure seed from contaminants and maintain viability. (NT-C/O)

[Approved as a nontraditional online course.]

Major Change to Courses

Effective Date

AM 371 04(3-2-0). Merchandising Systems, **change to:**

Fall Semester 2010

AM 371 04(3-2-0). Merchandising Systems. F, S. Prerequisite: ACT 205 or ACT 210; AM 270 with a C- or better.

Business mathematics and current practices related to acquisition, negotiation, distribution, and sale of merchandise.

CBE 451 03(3-0-0). Chemical Engineering Design I, **change to:**

Fall Semester 2010

CBE 451 03(3-0-0). Chemical and Biological Engineering Design I. F.

Prerequisite: CBE 320; CBE 442 or concurrent registration.

Chemical and biological process synthesis and simulation; engineering economics principles.

Minor Change to Courses

	PRESENT LISTING	REQUESTED CHANGE	EFFECTIVE DATE
CBE 320	Chemical and Biological Reactor Design. Prerequisite: CBE 201; CBE 330.	Prerequisite: CBE 310; CBE 330.	Spring 2010
CBE 430	Process Control and Instrumentation. Prerequisite: CBE 320; CBE 330; CBE 442. Description: Measurement and control of process variables; transient behavior of chemical processes; feedback feedforward, and computer control concepts.	Prerequisite: CBE 320; CBE 442. Description: Measurement and control of process variables; transient chemical and biological processes; feedback, feedforward, and computer control concepts.	Spring 2010
CBE 452	Chemical Engineering Design II. Description: Design projects requiring students to complete a process design with cost estimation; technical progress and final reports.	Chemical and Biological Engineering Design II. Description: Projects requiring students to design a chemical and/or biological process with cost estimation and constraint analysis; written and oral reports.	Spring 2010

Major Changes in Curricula

**College of Agricultural Sciences
 Department of Horticulture and Landscape
 Major in Landscape Horticulture
 Landscape Business 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>
JUNIOR			
HORT 368^P	Landscape Irrigation and Water Conservation	3	
LAND 368^P			
<u>HORT 370^P</u>	<u>Landscape Irrigation</u>	<u>1</u>	
<u>SOCR 370^P</u>	<u>Irrigation Principles</u>	<u>2</u>	
	TOTAL	<u>3</u>	
SENIOR			
<u>HORT 479^P</u>	<u>Landscape Professional Practices</u>	<u>2</u>	
	Electives	3-6	
	TOTAL	<u>1-4</u>	
PROGRAM TOTAL = 120 credits		<u>28-30</u>	

^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.

Major in Landscape Horticulture **Effective Spring 2010**
Landscape Design and Contracting Concentration

(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>
JUNIOR			
HORT 368^P	Landscape Irrigation and Water Conservation	3	
LAND 368^P			
<u>HORT 370^P</u>	<u>Landscape Irrigation</u>	<u>1</u>	
<u>SOCR 370^P</u>	<u>Irrigation Principles</u>	<u>2</u>	
	TOTAL	<u>29</u>	
SENIOR			
<u>HORT 479^P</u>	<u>Professional Landscape Practices</u>	<u>2</u>	
	Electives	6-4	
	TOTAL	<u>30</u>	
PROGRAM TOTAL = 125-130 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.

College of Applied Human Sciences
School of Education/Department of Human Development and Family Studies
Major in Human Development and Family Studies **Effective Spring 2010**
Teacher Licensure in Early Childhood Education
and Elementary Education Option

(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 103	Chemistry in Context	3	3A
	<i>Select one course, or course pair, from among the following:[†]</i>		

<u>Course</u>	<u>Title</u>	<u>Cr</u>	<u>AUCC</u>
CHEM 104^P	(optional) Chemistry in Context Laboratory	1	3A
	OR		
CHEM 107^P	Fundamentals of Chemistry	4	3A
CHEM 108^P	(optional) Fundamentals of Chemistry Laboratory	1	3A
	OR		
CHEM 111^P	General Chemistry I	4	3A
CHEM 112^P	(optional) General Chemistry I Laboratory	1	3A
	Arts/humanities ^{2,1}	3	3B
	<u>Biological and Physical Sciences²</u>	<u>3-4</u>	<u>3A</u>
	Elective	0-1	
		<u>0-2</u>	
	TOTAL	<u>29-30</u>	
SOPHOMORE			
	<i>Select one course from the following:</i>		
SOC 210^P	Quantitative Sociological Analysis	3	
STAT 201 ^P	General Statistics	3	
	<u>OR</u>		
STAT 301 ^P	Introduction to Statistical Methods	3	
	Arts/humanities ^{2,1}	3	3B
	TOTAL	<u>31</u>	
JUNIOR			
LIFE 201A-B ^P	Introductory Genetics ²	3	<u>3A</u>
	TOTAL	<u>31</u>	
PROGRAM TOTAL = 120 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.

^{1,2} Select from departmental list of courses 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.

²⁺ AUCC 3A, Biological/Physical Sciences requirement must include 7 credits and at least one course with a lab component. ~~To meet both AUCC 3A and department requirements, select either LIFE 102 (which includes a lab) or add the laboratory course to the chemistry course selected.~~

Minor Changes in Curricula

College of Agricultural Sciences
 Department of Horticulture and Landscape Architecture
 Major in Landscape Horticulture
 Nursery and Landscape Management 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>
SENIOR			
<u>HORT 370^P</u>	<u>Landscape Irrigation</u>	<u>1</u>	
<u>SOGR 370^P</u>	<u>Irrigation Principles</u>	<u>2</u>	
	Electives	<u>11</u>	
	TOTAL	<u>33</u>	
PROGRAM TOTAL = 120 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.

**Major in Landscape Horticulture
Turf Management 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>
SENIOR			
HORT 368^P	Landscape Irrigation and Water Conservation	3	
LAND 368^P			
<u>HORT 370^P</u>	<u>Landscape Irrigation</u>	<u>1</u>	
<u>SOCR 370^P</u>	<u>Irrigation Principles</u>	<u>2</u>	
	TOTAL	<u>30-31</u>	

PROGRAM TOTAL = 120 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.

Request to Drop the Master of Arts in Economics (Plan B, Exam Option)

A request by the Department of Economics to drop the Plan B, exam option of the Master of Arts in Economics was approved. The recommended effective date, subject to approval by Faculty Council, is Fall Semester 2010.

Request for Minimum Grade

A request by the Department of Animal Sciences to add a minimum grade requirement to the major in Animal Sciences as follows:

“A minimum grade of ‘C’ (2.0) is required for each of the ANEQ courses which are required to complete the major.”

The request was approved, subject to special action by Faculty Council, to be effective Spring Semester 2010.

The meeting adjourned at 4:11 p.m.

(FC) 10/23/09

Carole Makela, Chair
Fionna Bright for Tom Hoehn, Secretary