

A regular meeting of the University Curriculum Committee was held on May 2, 2008 at 2:00 p.m.

Members present: Chair Carole Makela, Professors W. Marshall Frasier, David Gilliland, Patrick Fitzhorn, Donna Rouner, John Ridley, Steven Strauss, C.W. Miller, Merinda McClure for Cathy Cranston, graduate representative Trena Anastasia, undergraduate representative Andy Shank.

Absent: Alan Lamborn (*ex-officio*).

Guests: Brad Goetz, Linda Selkirk.

Minutes

The minutes of April 25, 2008, were approved.

CURRICULAR REQUESTS

° Course is offered for term specified in odd numbered years.

NT-C, offered as nontraditional, correspondence course.

NT-O, offered as nontraditional, online course.

The following curricular requests were approved.

New Courses

Effective Date

AREC 442 03(3-0-0). Water Resource Economics. S. Prerequisite: AREC 342; ECON 306 or concurrent registration. Credit not allowed for both AREC 442 and AREC 542.

Spring Semester 2009

An in-depth exploration of the role of economics in water resource planning.

ECE 501/ENGR 501 03(0-0-3). Foundations of Systems Engineering. F, S. Credit not allowed for both ECE 501 and ENGR 501.

Fall Semester 2008

Functional components of systems engineering, application of systems engineering to practical problems, system life-cycle process. (NT-O)

ECE 530/ENGR 530 03(3-0-0). Overview of Systems Engineering Processes. F, S. Prerequisites: ECE 303/STAT 303 or STAT 315. Credit not allowed for both ECE 530 and ENGR 530.

Fall Semester 2008

Systems engineering life-cycle process and analysis techniques. Reliability and robustness. (NT-O)

ECE 531/ENGR 531 03(3-0-0). Engineering Risk Analysis. F, S. Prerequisite: ECE 303/STAT 303 or STAT 315; ENGR/ECE 501 or concurrent enrollment. Credit not allowed for both ECE 531 and ENGR 531.

Fall Semester 2008

Estimation and risk identification, development of mitigation techniques. (NT-O)

ECE 532/ENGR 532 03(3-0-0). Dynamics of Complex Engineering Systems. F, S. Prerequisites: ECE 411 or MECH 417 or CBE 430; ENGR 501/ECE 501 or concurrent registration. Credit not allowed for both ECE 532 and ENGR 532.

Fall Semester 2008

Higher-level behavior and issues that emerge from interaction between components in complex socio-technical systems. (NT-O)

EDUC 576A-L. Issues in Education. F, S, SS. Prerequisite: Baccalaureate degree. Offered only through Division of Continuing Education. Spring Semester 2009

Issues in educating a diverse student population. Methods used in identification and assessment; strategies for intervention and/or instruction. **A)** Talented and Gifted. 02(0-0-2). **B)** Attention Deficit Disorder. 02(0-0-2). **C)** Autism/Asperger's. 02(0-0-2). **D)** Behavior is Language. 02(0-0-2). **E)** Classroom Management. 02(0-0-2). **F)** Teaching Diversity. 01(0-0-1). **G)** Harassment in Schools. 01(0-0-1). **H)** Assessing Special Needs. 02(0-0-2). **I)** Sexually Transmitted Diseases. 01(0-0-1). **J)** Drugs and Alcohol. 02(0-0-2). **K)** Child Abuse. 02(0-0-2). **L)** Traumatized Child. 02(0-0-2). (NT-C)

ENGR 501/ECE 501 03(0-0-3). Foundations of Systems Engineering. F, S. Credit not allowed for both ENGR 501 and ECE 501. Fall Semester 2008

Functional components of systems engineering, application of systems engineering to practical problems, system life-cycle process. (NT-O)

ENGR 530/ECE 530 03(3-0-0). Overview of Systems Engineering Processes. F, S. Prerequisites: ECE 303/STAT 303 or STAT 315. Credit not allowed for both ENGR 530 and ECE 530. Fall Semester 2008

Systems engineering life-cycle process and analysis techniques. Reliability and robustness. (NT-O)

ENGR 531/ECE 531 03(3-0-0). Engineering Risk Analysis. F, S. Prerequisite: ECE 303/STAT 303 or STAT 315; ENGR 501/ECE 501 or concurrent enrollment. Credit not allowed for both ENGR 531 and ECE 531. Fall Semester 2008

Estimation and risk identification, development of mitigation techniques. (NT-O)

ENGR 532/ECE 532 03(3-0-0). Dynamics of Complex Engineering Systems. F, S. Prerequisites: ECE 411 or MECH 417 or CBE 430; ENGR 501/ECE 501 or concurrent registration. Credit not allowed for both ENGR 532 and ECE 532. Fall Semester 2008

Higher-level behavior and issues that emerge from interaction between components in complex socio-technical systems. (NT-O)

ENGR 597 03(0-0-3). Group Study in Systems Engineering. F, S. Prerequisites: CIS 600; ENGR 530/ECE 530; ENGR 531/ECE 531. Fall Semester 2008

Capstone study experience in systems engineering.

HORT 476 03(3-0-0). Environmental Plant Stress Physiology. S. Prerequisite: BZ 440. Credit not allowed for both HORT 476 and HORT 576. Spring Semester 2009

Plant growth, development and physiology, major sources of stress in plants, global issues in environment and plant stress.

HORT 576 04(3-0-1). Advanced Environmental Plant Stress Physiology. S. Prerequisite: BZ 440. Credit not allowed for both HORT 576 and HORT 476. Spring Semester 2009

Advanced aspects of plant growth, development and physiology, major sources of stress in plants, global issues in environment and plant stress.

Major Change in Courses

Effective Date

AREC 342 03(3-0-0). Economic Analysis-Water Resource Development,
change to:

Spring Semester 2009

AREC 342 03(3-0-0). Water Law, Policy, and Institutions. F.

Legal water issues within the context of historical, social and economic development with emphasis on the southwestern United States.

AREC 542 03(3-0-0). Economics of Water Resource Planning, **change to:**

Spring Semester 2009

AREC 542 04(3-2-0). Applied Advanced Water Resource Economics. S.

Prerequisites: AREC 342; ECON 306; MATH 141 or MATH 155 or MATH 160; STAT 301. Credit not allowed for both AREC 442 and AREC 542.

Theory and application of economics in water resource planning.

Course Drops

Effective Date

AREC 475 03(3-0-0). Water Law.

Spring Semester 2009

HORT 475 03(3-0-0). Environmental Requirements of Horticultural Plants.

Spring Semester 2009

Major Change in Curricula

**College of Applied Human Sciences
 Department of Food Science and Human Nutrition
 Major in Restaurant and Resort Management**

Effective Spring 2009

(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			
RRM 414^P	Food Service Systems Operations Analysis	3	
	Electives	<u>36</u>	
	TOTAL	<u>28</u>	
SENIOR			
<u>MKT 305^P</u>	<u>Fundamentals of Marketing</u>	<u>3</u>	
	<u>OR</u>		
<u>RRM 350^P</u>	<u>Restaurant and Resort Marketing</u>	<u>3</u>	
	TOTAL	<u>30</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.

Requests to Offer Courses in a Nontraditional Format

Requests by the College of Engineering to offer the following as online courses were approved, effective Fall Semester 2008:

ENGR 501/ECE 501, Foundations of Systems Engineering
ENGR 530/ECE 530, Overview of Systems Engineering Processes
ENGR 531/ECE 531, Engineering Risk Analysis
ENGR 532/ECE 532, Dynamics of Complex Engineering Systems

Request to Offer EDUC 576A-L in a Nontraditional Format Only

Request by the School of Education to offer EDUC 576A-L, Issues in Education, as a correspondence course only was approved, effective Spring Semester 2009.

University Curriculum Committee Deadlines for 2008-2009

Submission deadlines for the University Curriculum Committee for the 2008-2009 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 of the document's location.

Annual Report to Faculty Council

The 2007-08 annual report of the University Curriculum Committee was approved for distribution to the Faculty Council.

Election of Chair for 2007-2008

Carole Makela was unanimously re-elected committee chair for the 2008-2009 academic year.

The meeting adjourned at 4:15 p.m.

(FC) 5/9/2008

Carole Makela, Chair
Tom Hoehn for Waneta Boyce, Secretary

DEADLINES FOR 2008-2009 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 2008-2009 academic year.**

NEW COURSES AND MAJOR/MINOR CHANGE TO COURSES

The last date for changes to course number, title, credits/clock hour distribution, or prerequisites is three weeks prior to registration for a particular term. The effective date of any such requests will be changed to a subsequent term. There are **NO exceptions.**

NEW PROGRAMS OF STUDY⁴ AND MAJOR CHANGE TO PROGRAMS OF STUDY

Because of meeting schedules for the Faculty Council, Board of Governors, and CCHE, adding or dropping of programs, program or degree name changes, and other special actions requiring approval of these bodies should be submitted as early as possible in the fall semester. Any special actions approved by Board of Governors and/or CCHE after April 30 will not be reflected in the catalog.

Minor change lists are published approximately once a month (7-8 times) during the academic year – changes received by the first of the month will be included on that month's list. The minor change lists can be accessed at http://www.colostate.edu/orgs/ucc/minchange/minorchg_main.htm.

<u>Deadline for Receipt¹</u>	<u>Publication</u>	<u>Explanation</u>
September 19, 2008	SPRING SEMESTER 2009 REGISTRATION	New courses and major changes in courses must be approved² by the UCC by October 3 to be ready for SP09 registration. <u>Minor changes must be on the list published in September.</u>
October 24, 2008	SUMMER SESSION 2009 CLASS SCHEDULE	New courses and major changes in courses must be approved² by the UCC by November 7 for guaranteed publication in the summer class schedule. <u>Minor changes must be on the list published in October.</u>
February 20, 2009	FALL SEMESTER 2009 REGISTRATION	New courses and major changes in courses must be approved² by UCC the week of March 6 to be ready for FA08 registration. <u>Minor changes must be on the list published in March.</u>
March 2, 2009	2009-10 GENERAL CATALOG	All changes to courses and programs of study must be approved² by the UCC by March 20 for guaranteed publication in the <i>General Catalog</i> . <u>Minor changes must be on the list published in March.</u> Any special actions approved by Board of Governors and/or CCHE after April 30 will not be reflected in the catalog.
September 18, 2009	SPRING SEMESTER 2010 REGISTRATION ³	New courses and major changes in courses must be approved² by the UCC by October 2 to be ready for SP10 registration. <u>Minor changes must be on the list published in September.</u>

¹ New course and change requests received too late for approval by the absolute approval deadline for each term will have the effective date changed to a subsequent term.

² Absolute approval deadline is the last date the course/change can be approved by the University Curriculum Committee. Because of packet distribution to committee members, courses/changes must be received in Curriculum and Catalog a minimum of 2 weeks prior to this date.

³ Because classes for Fall Semester 2009 begin on August 24, 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 2009 term. The tentative last scheduled UCC meeting for 2008-2009 will be the week of May 8, 2009, and the first meeting (tentative) for 2009-2010 will be the week of August 24, 2009.

⁴See the New Program Planning Proposal link on the <http://www.colostate.edu/Orgs/ucc/> website

UNIVERSITY CURRICULUM COMMITTEE
ANNUAL REPORT FOR 2007-2008
(through April 25, 2008)

MEMBERS: Marshall Frasier, Agricultural Sciences
Carole Makela, Applied Human Sciences, Chair
David Gilliland, Business
Patrick Fitzhorn, Engineering
Donna Rouner, Liberal Arts
John Ridley, Natural Resources
Steven Strauss, Natural Sciences
C. W. Miller, Veterinary Medicine and Biomedical Sciences
Cathy Cranston, University Libraries
Trena Anastasia, Graduate Student Representative
Andy Shank, Undergraduate Student Representative
Alan Lamborn (ex officio), Vice Provost for Undergraduate Studies
Waneta Boyce, Secretary

The University Curriculum Committee (UCC) reported its actions periodically through the minutes approved by the Faculty Council. Copies of the UCC minutes and minor curriculum changes are posted on the UCC web site (<http://www.colostate.edu/Orgs/ucc>). In addition to the usual curricular items in the form of course and program proposals, the Committee:

1) Transmitted to the Faculty Council as special action items:

- a) Add a new graduate interdisciplinary studies program in extreme ultraviolet and optical science and technology.
- b) Add a minimum grade requirement in psychology.
- c) Drop the community youth development graduate interdisciplinary studies program.
- d) Drop the youth program management and evaluation graduate interdisciplinary studies program.
- e) Request to rename the major in speech communication (B.A.) to communication studies.
- f) Drop review course statement for the parks and protected area management concentration in the major in natural resource recreation and tourism (B.S.).
- g) Add a minor in applied statistics.
- h) Rename of the Department of Speech Communication to Communication Studies.
- i) Rename the major in speech communication (M.A.) to communication studies.
- j) Rename of the major in technical journalism (B.A.) to journalism and technical communication.
- k) Rename of the major in technical communication (M.S.) to public communication and technology.
- l) Change the minimum grade requirement for HDFS prefix courses in the major in human development and family studies.
- m) Change the minimum grade requirement for the major in biochemistry.
- n) Change the responsible department for the major in fire and emergency services administration from Construction Management to the School of Education.
- o) Drop geospatial science graduate interdisciplinary studies program.
- p) Establish Plan B programs in the specializations of family and developmental studies and marriage and family therapy, in the major in human development and family studies (M.S.).
- q) Establish a major in ethnic studies (M.A.) in the proposed Department of Ethnic Studies.
- r) Change the minimum grade requirement for physics majors in the freshman and sophomore years.
- s) Change the minimum grade requirement for the accounting concentration.
- t) Drop the biomedical engineering graduate interdisciplinary studies program.
- u) Rename the degree in social work (B.A.) to Bachelor of Social Work (B.S.W.).
- v) Establish a major in applied developmental science (Ph.D. degree) in the Department of Human Development and Family Studies.
- w) Create a Bachelor of Arts and Sciences (B.A.S.) designation for students who have completed multiple majors that include a minimum of one major that is a B.A. degree and a minimum of one major that is a B.S. degree.

- x) Revised the *Major Requirements, Second Major Requirements, and Second Bachelor's Degree* sections in the General Catalog.
- y) Revised the *AUCC Category 2B, Advanced Writing criteria* to the *All-University Core Curriculum* section in the General Catalog.

2) Other major actions submitted to Faculty Council through the minutes:

- a) Revision to the *Colorado State University Academic Core Curriculum Report on Objectives and Criteria*.
- b) Rename the specialization in educational leadership to educational leadership, renewal, and change in the M.Ed. and Ph.D. degree programs in education and human resource studies.
- c) Drop the concentrations in communication studies, media studies, and rhetorical studies in the renamed major in communication studies.
- d) Add a specialization in agricultural extension education (Plan C) to the master of agriculture program (M. Agr.).
- e) Rename the Project Promise option in the educational leadership, renewal, and change specialization in the M.Ed. in education and human resource studies.
- f) Drop the TEAM option in the educational leadership, renewal, and change specialization in the M.Ed. in education and human resource studies.
- g) Add concentrations in general psychology and mind, brain, and behavior to the major in psychology (B.S.).
- h) Add the dietetics option (online) in the major in food science and nutrition (M.S.).
- i) Add a computing and human factors concentration in the applied computer technology major (B.S.).
- j) Drop the minor in construction management.
- k) Drop the commercial real estate option, real estate finance option, and residential real estate option in the real estate concentration in the major in business administration (B.S.).
- l) Add a separate section in the Curricular Policies and Procedures Handbook to delineate the new procedures for course changes already placed in the gtPathways curriculum.

3) Processed the following course revisions:

a) New courses:	147
b) Major course changes	140
c) Minor course changes	243
d) Dropped courses	54
Total courses	584

(through April 25, 2008)

4) Approved additions of or changes (major and minor) to 135 programs of study. (through April 25, 2008)

5) Approved for inclusion, removal or moved between categories in the All-University Core Curriculum: 4 courses in category 3, 7 courses in category 4.

Attendance: (through April 25, 2008)

Marshall Frasier, Agricultural Sciences (22 meetings)
 Carole Makela, Applied Human Sciences, Chair (25 meetings)
 David Gilliland, Business (24 meetings)
 Patrick Fitzhorn, Engineering (24 meetings)
 Donna Rouner, Liberal Arts (24 meetings)
 John Ridley, Natural Resources (24 meetings)
 Steven Strauss, Natural Sciences (21 meetings)
 C. W. Miller, Veterinary Medicine and Biomedical Sciences (21 meetings)
 Cathy Cranston, University Libraries (25 meetings)
 Trena Anastasia, Graduate Student Representative (21 meetings)
 Andy Shank, Undergraduate Student Representative (17 meetings)
 Alan Lamborn (ex officio), Vice Provost for Undergraduate Studies (14 meetings)