

MINOR CURRICULAR CHANGES

2008-2009 #2

A challenge of any course appearing on this list must be received in writing by H. Thomas Hoehn in the Curriculum Administration Office (mailing address-Provost Office, 1001) within 10 working days (October 23, 2008) from the date of this notice.

DATE: October 9, 2008

		PRESENT LISTING	REQUESTED CHANGE	EFFECTIVE DATE
ANEQ	292	Equine Industry Seminar. F.	S.	Spring 2009
ANTH	529	Anthropology and Development. Description: Process of socioeconomic development intervention and evolving role of anthropologists.	Anthropology and Sustainable Development. Description: Global development goals, poverty and hunger, environmental sustainability, education, and equity.	Fall 2009
ART	240	Pottery I. Description: Basic techniques of studio ceramics; exploration of expressive potential in pottery.	Description: Basic techniques of studio ceramics and wheel throwing; exploration of expressive potential in pottery.	Fall 2009
ART	340	Pottery II. Description: Beginning wheel throwing; investigation of the expressive potential of throwing technique.	Description: Studio ceramic and wheel throwing techniques; surface treatment, kiln firing, clay and glaze formulation.	Fall 2009
*BIOM/ *MECH	570/ 570	Bioengineering. F.	S.	Spring 2009
BSPM	310	Fundamentals of Pesticides. F.	F. (odd years)	Fall 2009
CIVE	504	Wind Engineering. 03(2-3-0).	03(3-0-0).	Fall 2009
ECE	555	Robot Motion Planning. Prerequisite: ECE 312 with a C- or better.	Prerequisite: CS 253; MATH 369.	Fall 2009
EDCL	792	Seminar. [Grading option T, A.]	[Grading option P, A.]	Fall 2009
EDCL	799	Dissertation. [Grading option T, A.]	[Grading option P, A.]	Fall 2009
*HDFS	613	Adult Development and Aging. F, SS.	S.	Fall 2009
INTD	575	Problems—Interior Design. F, S.	F, S, SS.	Summer 2009
MATH	417	Advanced Calculus I. Prerequisite: MATH 317; MATH 369.	Prerequisite: MATH 369.	Fall 2009
*MECH /*BIOM	570/ 570	Bioengineering. F.	S.	Spring 2009
*SOCR	720	Advanced Plant Breeding. F (even years).	S (odd years).	Spring 2009

		PRESENT LISTING	REQUESTED CHANGE	EFFECTIVE DATE
°SOCR	755	Advanced Soil Microbiology. S.	S (even years).	Spring 2010
VM	796F	Group Study—Problem-Based Learning. S. F.		Spring 2009

Minor Changes to Curricula

College of Agricultural Sciences
Department of Horticulture and Landscape Architecture
Major in Landscape Horticulture
Nursery and Landscape Management Concentration

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>
SENIOR			
	Electives	14 <u>11</u>	
	<u>Advanced Writing⁵</u>	<u>3</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.

⁵Select from the list of courses in category 2B in the AUCC. First-time students entering a college or university on or after July 1, 2008, must take an advanced writing course to fulfill Category 2B of the AUCC.

Major in Landscape Horticulture
Turf Management Concentration

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			
	<u>Advanced Writing⁴</u>	<u>3</u>	<u>2B</u>
	Electives ⁴⁵	14 <u>8</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.

⁴First-time students entering a college or university on or after July 1, 2008, must take an advanced writing course to fulfill Category 2B of the AUCC.

⁴⁻⁵Select enough elective credits to bring the total to 120.

**Major in Horticulture
 Horticulture Therapy Concentration**

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			
	<u>Advanced Writing</u> ⁸	<u>3</u>	<u>2B</u>
	Electives	41	
	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.

⁸ First-time students entering a college or university on or after July 1, 2008, must take an advanced writing course to fulfill Category 2B of the AUCC.

**College of Applied Human Sciences
 Department of Food Science and Human Nutrition
 Major in Nutrition and Food Science
 Dietetics Option**

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>
SENIOR			
RRM 414 ^P	Food Service Systems Operations Analysis	3	
	<u>Electives</u> ²	<u>3</u>	
	TOTAL	<u>21</u>	
OPTION TOTAL = 96 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 one course each from the list in category 3D, and 3E and two courses from category 3B of the All-University Core Curriculum (AUCC). A total of 12 credits must be selected between the core program and the option chosen. Only 3 of the 6 credits required for arts and humanities may come from intermediate (L* 200 and L* 201) foreign language courses.

² Enough elective credits need to be selected to bring program total to 120 credits with 42 upper-division credits.

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>
SOPHOMORE			
JTC 300	Professional and Technical Communication	3	
	OR		
JTC 301	Business Communication	3	

<u>Course</u>	<u>Title</u>	<u>Cr</u>	<u>AUCC</u>
STAT 204	Statistics for Business Students	3	2B
TOTAL		34	
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.

Department of Human Development and Family Studies
Major in Human Development and Family Studies **Effective Summer 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>
FRESHMAN			
<i>Select one of the following:</i>			
BZ 101	Humans and Other Animals	3	3A
<u>LIFE 102</u>	<u>Attributes of Living Systems</u>	<u>4</u>	<u>3A</u>
TOTAL		30- <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.

College of Liberal Arts
Major in Liberal Arts **Effective Spring 2009**
Arts & Humanities and Engineering Science Concentration

(The entire program is shown. 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
CIVE 102	Introduction: Civil/Environmental Engineering	3	
CIVE 103 ^P	Engineering Graphics and Computing	3	
MATH 160 ^P	Calculus for Physical Scientists I	4	1B
PH 141 ^P	Physics for Scientists and Engineers I	5	3A
	Arts/humanities ¹	6	3B
	Global and cultural awareness ²	3	3E
TOTAL		29	
SOPHOMORE			
CHEM 113 ^P	General Chemistry II	3	
CO 150 ^P	College Composition	3	1A
MATH 161 ^P	Calculus for Physical Scientists II	4	1B
MATH 261 ^P	Calculus for Physical Scientists III	4	
PH 142 ^P	Physics for Scientists and Engineers II	5	3A
SPCM—200	Public Speaking	3	2A
	<u>Advanced Writing³</u>	<u>3</u>	<u>2B</u>

<u>Course</u>	<u>Title</u>	<u>Cr</u>	<u>AUCC</u>
	Historical perspectives ^{3,4}	6	3D
	Social/behavioral sciences ^{4,5}	3	3C
	TOTAL	<u>31</u>	
JUNIOR			
CIVE 260 ^P	Engineering Mechanics-Statics	3	
CIVE 261 ^P	Engineering Mechanics-Dynamics	3	
MATH 340 ^P	Introduction to Ordinary Differential Equations	4	4A, 4B
MECH 237 ^P	Introduction to Thermal Sciences	3	
STAT 315 ^P	Statistics for Engineers and Scientists	3	
	Minor or certificate ^{5,6}	9	
	Arts and humanities electives ^{6,7}	6	
	TOTAL	<u>31</u>	
SENIOR			
CIVE 300 ^P	Fluid Mechanics	4	
ECE 204 ^P	Introduction to Electrical Engineering	3	
	Minor or certificate ^{5,6}	12	
	Arts and humanities electives ^{6,7}	6	
	Technical electives in engineering ^{7,8}	3-5	
	TOTAL	<u>28-30</u>	
FIFTH YEAR			
<i>Select one pair of courses from the following:</i>			
CBE 451 ^P	Chemical Engineering Design I ^{8,9}	3	4C
CBE 452 ^P	Chemical Engineering Design II	3	4C
OR			
CIVE 402 ^P	Senior Design Principles ^{8,9}	3	
CIVE 403 ^P	Senior Project Design	3	4C
OR			
ECE 401 ^P	Senior Design Project I ^{8,9}	3	
ECE 402 ^P	Senior Design Project II	3	4C
OR			
MECH 486A ^P	Engineering Design Practicum I ⁹	4	4C
MECH 486B ^P	Engineering Design Practicum II	4	4C
	Technical electives in engineering ^{7,8}	25	
	TOTAL	<u>31-33</u>	

PROGRAM TOTAL = 152 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 From All-University Core Curriculum (AUCC) category 3B select two courses. One must have a prefix of ART, D, MU, or TH and another prefix of E, ETST, PHIL, or SPCM. These two courses double count in either the arts and humanities electives required by the major or the minor/certificate program. Any course counted here cannot double count in the global and cultural awareness category.

² Select from the following subset of courses in category 3E in the AUCC: ANTH 200, E 238, E 245, ECON 211, ETST 253, ETST 256, LB 170, LB 171, PHIL 170, POLS 131, POLS 241, SOC 205, SA 482.

³ [Select one course from among CO 300, CO 301A-D, CO 302, or JTC 300. First-time students entering a college or university on or after July 1, 2008, must take an advanced writing course to fulfill Category 2B of the AUCC.](#)

^{3,4} Select one pair of courses from the following subset of courses in category 3D in the AUCC: AMST 100/AMST 101, HIST 100/HIST, HIST 150/HIST 151, HIST 170/HIST. Students may also select a pair of courses designed to achieve programmatic objectives, if approved by the adviser, but at least one course must be on the category 3D list.

^{4,5} Select from the list of courses in category 3C in the All-University Core Curriculum (AUCC) with the following prefixes: ANTH, ECON, JTC, POLS, PSY, or SOC.

^{5,6} Students must complete a minor in the arts and humanities or one of the following interdisciplinary certificate programs:

Asian Studies; Environmental Affairs; Latin American and Caribbean Studies; Religious Studies; Russian, Eastern and Central European Studies; Women's Studies; or, with the approval of the student's adviser and the College of Liberal Arts, any other minor or interdisciplinary studies program consistent with the student's program in the arts and humanities. The minor or certificate must include a minimum of 21 credits, of which 12 must be upper-division. Because courses taken in fulfillment of the AUCC may, where appropriate, be double counted in fulfilling this requirement, the actual number of new credits generated by this requirement of a minor or interdisciplinary certificate program can vary.

⁶⁻⁷ Students must complete 12 upper-division credits in at least two arts and humanities prefixes, not including the minor. Arts and humanities prefixes are: ART, D, E, L*, MU, PHIL, SPCM, TH, ETST (if the course has an arts and humanities focus), LB 455. *Effective Fall 2007, foreign language courses are in separate prefixes (all starting with L and followed by three letters designating the language, e.g., LFRE is French, LGER is German, etc.).

⁷⁻⁸ Select courses from departmental list.

⁸⁻⁹ Students in this concentration may need to obtain a prerequisite override from the appropriate department to enroll in this course.

**Major in Liberal Arts
 Social Sciences and Engineering Science Concentration**

Effective Spring 2009

(The entire program is shown. 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
CIVE 102	Introduction: Civil/Environmental Engineering	3	
CIVE 103 ^P	Engineering Graphics and Computing	3	
MATH 160 ^P	Calculus for Physical Scientists I	4	1B
PH 141 ^P	Physics for Scientists and Engineers I	5	3A
	Historical perspectives ¹	6	3D
	Social/behavioral sciences ²	3	3C
	TOTAL	<u>29</u>	
SOPHOMORE			
CHEM 113 ^P	General Chemistry II	3	
CO 150 ^P	College Composition	3	1A
MATH 161 ^P	Calculus for Physical Scientists II	4	1B
MATH 261 ^P	Calculus for Physical Scientists III	4	
PH 142 ^P	Physics for Scientists and Engineers II	5	3A
SPCM—200	Public Speaking	3	2A
	<u>Advanced Writing³</u>	<u>3</u>	<u>2B</u>
	Arts and humanities ³⁴	6	3B
	Global and cultural awareness ⁴⁵	3	3E
	TOTAL	<u>31</u>	
JUNIOR			
CIVE 260 ^P	Engineering Mechanics-Statics	3	
CIVE 261 ^P	Engineering Mechanics-Dynamics	3	
MATH 340 ^P	Introduction to Ordinary Differential Equations	4	4A, 4B
MECH 237 ^P	Introduction to Thermal Sciences	3	
STAT 315 ^P	Statistics for Engineers and Scientists	3	
	Minor or certificate ⁵⁶	12	
	Social science electives ⁶⁷	6	

<u>Course</u>	<u>Title</u>	<u>Cr</u>	<u>AUCC</u>
	TOTAL	34	
SENIOR			
CIVE 300 ^P	Fluid Mechanics	4	
ECE 204 ^P	Introduction to Electrical Engineering	3	
	Minor or certificate ^{5,6}	9	
	Social science electives ^{6,7}	6	
	Technical electives in engineering ^{7,8}	6	
	TOTAL	28	
FIFTH YEAR			
<i>Select one of the following pairs of courses:</i>			
CBE 451 ^P	Chemical Engineering Design I ^{8,9}	3	4C
CBE 452 ^P	Chemical Engineering Design II	3	4C
OR			
CIVE 402 ^P	Senior Design Principles ^{8,9}	3	
CIVE 403 ^P	Senior Project Design	3	4C
OR			
ECE 401 ^P	Senior Design Project I ^{8,9}	3	
ECE 402	Senior Design Project II	3	4C
OR			
MECH 486A ^P	Engineering Design Practicum I ^{8,9}	4	4C
MECH 486B ^P	Engineering Design Practicum II	4	4C
	Technical electives in engineering ^{8,9}	25-27	
	TOTAL	33	
PROGRAM TOTAL = 155 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.

¹Select one pair of courses from the following subset of courses in category 3D in the AUCC; AMST 100/AMST 101, HIST 100/HIST 101, HIST 120/HIST 121, HIST 150/HIST 151, HIST 170/HIST 171. Students may also select a pair of courses designed to achieve programmatic objectives, if approved by the adviser, but at least one course must be on the category 3D list.

²Select from the list of courses in category 3C in the AUCC with the following prefixes: ANTH, ECON, JTC, POLS, PSY, or SOC.

³Select from among CO 300, CO 301A-D, CO 302, or JTC 300. First-time students entering a college or university on or after July 1, 2008, must take an advanced writing course to fulfill Category 2B of the AUCC.

³⁻⁴From AUCC category 3B select two courses. One must have a prefix of ART, D, MU, or TH and another a prefix of E, ETST, PHIL, or SPCM.

⁴⁻⁵Select from the following subset of courses in category 3E in the AUCC: ANTH 200, E 238, E 245, ECON 211, ETST 253, ETST 256, LB 170, LB 171, PHIL 170, POLS 131, POLS 241, SOC 205, SA 482. The HIST courses, if selected here, cannot also be counted in category 3D.

⁵⁻⁶Students must complete a minor in the social sciences, or one of the following interdisciplinary certificate programs: Asian Studies; Environmental Affairs; Latin American and Caribbean Studies; Religious Studies; Russian, Eastern and Central European Studies; Women's Studies; or, with approval of the student's adviser and the College of Liberal Arts, any other minor or interdisciplinary studies program consistent with the student's program in the social sciences. The minor or certificate must include a minimum of 21 credits, of which 12 must be upper-division. Because courses taken in fulfillment of the AUCC may, where appropriate, be double counted in fulfilling this requirement, the actual number of new credits generated by this requirement of a minor or interdisciplinary certificate program can vary.

⁶⁻⁷Students must complete 12 upper-division credits in at least two social sciences prefixes, not including the minor. Social sciences prefixes are ANTH, AMST, ECON, HIST, JTC, POLS, PSY, SOC, ETST (if the course has a social sciences focus), LB (456).

⁷⁻⁸Select from department list.

⁸⁻⁹Students in this concentration may need to obtain a prerequisite override from the appropriate department to enroll in this course.

Department of Music, Theatre, and Dance
Major in Performing Arts
Dance Concentration

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>
SOPHOMORE			
SPCM—200	Public Speaking	3	2A
<u>CO 301A^P</u>	<u>Writing in the Disciplines-Arts and Humanities¹</u>	<u>3</u>	<u>2B</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.

¹ First-time students entering a college or university on or after July 1, 2008, must take an advanced writing course to fulfill Category 2B of the AUCC.

Department of Sociology
Major in Sociology
Criminology and Criminal Justice Concentration

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>
UPPER DIVISION			
<u>Category I</u>			
SOC 352	Criminology	3	
	OR		
SOC 372	Sociology of Deviance	3	
	<u>OR</u>		
<u>SOC 482B</u>	<u>Travel Study in Sociology: Crime and Deviance</u>	<u>3</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.

Minor in Criminology and Criminal Justice

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>
<i>Choose one course from three of the following five categories:</i>			
<u>Category I</u>			
SOC 352 ^P	Criminology	3	
SOC 372	Sociology of Deviance	3	
<u>SOC 482B</u>	<u>Travel Study in Sociology: Crime and Deviance</u>	<u>3</u>	
<u>Category V</u>			
<u>SOC 482A</u>	<u>Travel Study in Sociology: Criminal Justice Systems</u>	<u>3</u>	
SOC 564 ^P	Environmental Justice	3	
PROGRAM TOTAL = 21 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 Fish, Wildlife, and Conservation Biology
Major in Fish, Wildlife, and Conservation Biology (core) **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>
SOPHOMORE			
<i>Select one course from the following:</i>			
AREC 202	Agricultural and Resource Economics	3	3C
ECON 101	Economics of Social Issues	3	3C
ECON 202 ^P	Principles of Microeconomics	3	3C
<u>AREC 240</u>	<u>Issues in Environmental Economics</u>	<u>3</u>	<u>3C</u>
<u>ECON 204^P</u>	<u>Principles of Macroeconomics</u>	<u>3</u>	<u>3C</u>
<u>ECON 212</u>	<u>Racial Inequality and Discrimination</u>	<u>3</u>	<u>3C</u>
<u>ECON 240</u>	<u>Issues in Environmental Economics</u>	<u>3</u>	<u>3C</u>
TOTAL		28	
CORE TOTAL = 89-95 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 Fish, Wildlife, and Conservation Biology **Effective Spring 2009**
Wildlife Biology 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>
SENIOR			
	Wildlife electives ³	6-7	
		<u>3-4</u>	
	Other technical electives ^{3,4}	0-8	
		<u>3-11</u>	
TOTAL			

<u>Course</u>	<u>Title</u>	<u>Cr</u>	<u>AUCC</u>
PROGRAM TOTAL = 120-121 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.

³ Select from departmental list.

⁴ Enough elective credits must be selected to bring the program total to 120 credits [and 3 of these credits must be at the 300 or higher level.](#)

**College of Natural Sciences
 Department of Computer Science
 Major in Applied Computing Technology
 Computing Education Concentration**

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>
SENIOR			
	Electives	3-4	
	<u>Advanced Writing</u> ⁸	<u>0-1</u>	
	TOTAL	<u>3</u>	<u>2B</u>
		<hr/> 27-28	
PROGRAM TOTAL = 120 credits			

⁸ [First-time students entering a college or university on or after July 1, 2008, must take an advanced writing course to fulfill Category 2B of the AUCC.](#)