

**AGENDA**  
**Faculty Senate Executive Committee**  
**Monday, November 30, 2009 3:30 pm**  
**Union Room 213**

1. Call to Order
2. Approval of October 26, 2009 minutes
3. Report from Standing Committees and Student Senate
  - A. Academic Affairs Committee – Barney King
    1. Items for Faculty Senate consent agenda – pages 2-12
  - B. Faculty Affairs Committee – Judy Hughey/Kaleen Knopp
    1. UH Change, Section A40 – Conflict of Interest – **Attachment 1**
  - C. Faculty Senate Committee on Technology – Tweed Ross
    1. Resolution regarding Kansas State University Domain Name – **Attachment 2**
  - D. Faculty Senate Committee on University Planning – Tom Vontz
  - E. Student Senate – Amy Schultz
4. Announcements
  - A. President/Faculty Senate Leadership Council
  - B. Caucus Chair reports
5. New Business
  - A. Invitation of Sustainability Task Force to December Faculty Senate meeting.
6. For the Good of the University
7. Adjournment

Next meeting: Monday, January 4, 2009; 3:30 p.m., Union room 213

## ACADEMIC AFFAIRS

### Course and Curriculum Changes

#### A. Proposed consent agenda items:

1. Approve to place the following undergraduate course and curriculum items and graduation list items on the Faculty Senate consent agenda (refer to approval sheets for further details):

#### **COURSE CHANGES AND ADDITIONS:**

*College of Agriculture –October 19, 2009 approval sheets*

Add:

AGRON 503 Emerging Topics in Agronomy

Changes to:

ATM 160 Engineered Systems and Technology in Agriculture

ATM 250 Chemical Application Systems

*College of Arts and Sciences November 5, 2009 approval sheets*

Add:

COMM 440 Collaborative Communication and Event Planning

HIST 595 French Revolution, 1789-1815

SPAN 572 Mexican Film

*College of Engineering November 5, 2009 approval sheets*

Add:

ARE 312 Introduction to Revit

CIS 580 Fundamentals of Game Programming

CHE 354 Basic Concepts in Materials Science and Engineering

CHE 355 Fundamentals of Mechanical Properties

CHE 356 Fundamentals of Electrical Properties

ECE 540 Applied Scientific Computing for Engineers

*College of Education October 27, 2009 approval sheets*

Remove UGE status from EDCEP 311 SHAPE – ((EDCEP 312 was approved earlier this year for UGE status in the place of this course.)

#### **CURRICULUM CHANGES:**

*College of Agriculture October 19, 2009 approval sheets*

*Agricultural Economics*

Changes to: B.S. Degree in Agribusiness – International Option

- Add FINAN 450 Principles of Finance to the Finance Requirement section
- Change the Agricultural Economics restricted elections from 6 to 9 credits.

**RATIONALE:** The proposed change will make the finance requirement in the International Option consistent with the finance requirement of the other two options in the agribusiness curriculum. In making the change, AGEC 513 is moved from being listed as a required course to being listed as being another course in the list of choices of restricted agricultural economics courses. A footnote will be added, just as it is on the other two options in the agribusiness curriculum, indicating that either AGEC 513 or FINAN 450 is required in the curriculum. To keep the total number of AGEC credits unchanged, the required total AGEC restricted electives is increased from 6 to 9 credits.

**IMPACT:** The Finance Department has been contacted and has indicated this is not a problem.

*General Agriculture*

Discontinue the Contemporary Citizenship in Agriculture Minor

RATIONALE: There is currently only one student enrolled in this minor program, and the program has never had strong student interest as exhibited by enrollment. The GENAG 450 course no longer has an instructor.

IMPACT: None.

*Horticulture, Forestry and Recreation Resources*

Changes to: Park Management and Conservation Major – Park Management Option

- Add BIOL 198 Principles of Biology to the list of Natural Sciences and allow students to take either BIOL 198 or BIOL 210.
- Delete BIOL 320 from the specialization section

RATIONALE: Biology Department has not taught BIOL 210 or BIOL 320 for several recent semesters. These changes do not result in a change in the total number of hours required for the degree nor in free electives.

IMPACT: No impact on other departments.

Changes to: Park Management and Conservation Major – Interpretation Option

- Add BIOL 198 Principles of Biology to the list of Natural Sciences and allow students to take either BIOL 198 or BIOL 210.
- Delete BIOL 320 from the specialization section

RATIONALE: Biology Department has not taught BIOL 210 or BIOL 320 for several recent semesters. These changes do not result in a change in the total number of hours required for the degree nor in free electives.

IMPACT: No impact on other departments.

Changes to: Park Management and Conservation Major – Law Enforcement and Recreation Business Options

- Add BIOL 198 Principles of Biology to the list of Natural Sciences and allow students to take either BIOL 198 or BIOL 210.

RATIONALE: Biology Department has not offered BIOL 210 for several recent semesters. These changes do not result in a change in the total number of hours required for the degree nor in free electives.

IMPACT: No impact on other departments.

Changes to: Horticulture Major – Fruit and Vegetable Production Option

From:	To:
Fruit and Vegetable Production Option	Fruit and Vegetable Production Option
<del>AG</del> ECON/BUSINESS ELECTIVES	ECON/BUSINESS ELECTIVES
<del>Ag</del> Econ/Business electives 9	Econ/Business electives 9
Designated Electives	Designated Electives
<del>ACCTG</del> 241* <del>Acctg Invest/Finance</del> 3	<u>Any ACCTG course 200 or above, excluding</u>
AGEC 120 Agr Econ and Agribus 3	<u>ACCTG 231</u>
<del>AGEC</del> 202 <del>Small Business</del> 3	AGEC 120 Agr Econ and Agribus 3
<del>Operations</del>	(Select only if ECON 120 not taken)

AGEC	318	Food and Agribus Mgt	3	<u>Any AGECE course 200 or above</u>			
AGEC	513	Agricultural Finance	3	<u>Any MANGT course 300 or above</u>			
AGEC	525*	Natural Res Econ	3	MC 120	Principles of Advertising 3		
MANGT	390	Business Law I	3	MC 180	Fund of Public Relations 3		
MANGT	420	Management Concepts	3	<u>Any MKTG course 300 or above</u>			
MANGT	440	Entrepreneurship	3	<u>Any ECON course 300 or above</u>			
MANGT	531	Human Res Mgt	3				
MANGT	540	Small Bus Consulting	3				
MC	120	Principles of Advertising	3				
MC	180	Fund of Public Relations	3				
MKTG	400	Marketing	3				
MKTG	542	Prof Selling/Sales Mgt	3				
FRUIT/VEGETABLE PRODUCTION SPECIALIZATION 28 hours				FRUIT/VEGETABLE PRODUCTION SPECIALIZATION 28-30 hours			
AGRON	330	Weed Science	3	AGRON	330	Weed Science	3
HORT	325	Intro to Organic Farming	2	HORT	325	Intro to Organic Farming	2
HORT	376	Herb Ornamental Plants	3	HORT	376	Herb Ornamental Plants	3
HORT	560	Vegetable Crop Prod.	3	HORT	560	Vegetable Crop Prod.	3
HORT	570	Greenhouse Ops Mgt	3	HORT	570	Greenhouse Ops Mgt	3
HORT	582	Foundations of Hort Pest Mgt	1	HORT	582	Foundations of Hort Pest Mgt	1
HORT	583	Survey Hort Ornamental and Food CropPests	1	HORT	583	Survey Hort Ornamental and Food CropPests	1
HORT	600	Herb Landscape Plant Prod	2	HORT	600	Herb Landscape Plant Prod	2
Specialization electives 10				Specialization electives 10			
AGRON	375	Soil Fertility	3	AGRON	375	Soil Fertility	3
HORT	210	Concepts Floral Design	3	HORT	210	Concepts Floral Design	3
HORT	275	Horticultural Design I	3	HORT	275	Horticultural Design I	3
HORT	374	Woody Plant Materials I	3	HORT	275	Horticultural Design I	3
		OR		HORT	374	Woody Plant Materials I	3
HORT	375	Woody Plant Materials II	3	HORT	375	Woody Plant Materials II	3
HORT	508	Landscape Maintenance	2	HORT	390	<u>Horticultural Topics</u>	1-3
HORT	515	Basic Turfgrass Culture	2	OR			
HORT	550	Landscape Irrigation System	3	HORT	640	<u>Horticultural Problems</u>	1-3
HORT	575	Nursery/Garden Cntr Ops	3	<u>*Either HORT 390 or 640 may be used for a total of 3 credit hours</u>			
HORT	585	Arboriculture	3	HORT	405	<u>Water Issues in Lawn &amp; Landscape</u>	3
HORT	625	Floral Crops Prod & Handling	2	HORT	508	Landscape Maintenance	2
				HORT	515	Basic Turfgrass Culture	2
				HORT	550	Landscape Irrigation System	3
				HORT	575	Nursery/Garden Cntr Ops	3
				HORT	585	Arboriculture	3
				HORT	625	Floral Crops Prod & Handling	2
				HORT	690	<u>Sustainable Agriculture</u>	2
				HORT	710	<u>Plant Cell, Tissue and Organ Culture</u>	3
Free Electives 6-11				Free Electives 4-11			

RATIONALE: To broaden the designated electives for Econ/Business Electives and specialization electives categories to reflect a wider range of transfer and KSU courses that meet the spirit of the elective category, and to allow students and advisors more flexibility in meeting the details of the curriculum.

IMPACT: No impact on other departments.

Changes to: Horticulture Major – Golf Course Management Option

- Add HORT 405 Water Issues Lawn & Landscape and HORT 690 Sustainable Agriculture to the Turf Management Specialization Horticulture electives

RATIONALE: To broaden the designated electives for the Turf Management Specialization Electives category to reflect a wider range of transfer and KSU courses that meet the spirit of the elective category, and to allow students and advisors more flexibility in meeting the details of the curriculum.

IMPACT: No impact on other departments.

Changes to: Horticulture Major – Greenhouse and Nursery Management Option

From:	To:
Greenhouse and Nursery Management Option	Greenhouse and Nursery Management Option
<del>AG</del> ECON/BUSINESS ELECTIVES 15 hours	ECON/BUSINESS ELECTIVES 15 hours
ACCTG 231 Accounting for Bus Opers 3	ACCTG 231 Accounting for Bus Opers 3
ECON 110 Princ. of Macroeconomics 3	ECON 110 Princ. of Macroeconomics 3
OR	OR
ECON 120 Princ. of Microeconomics 3	ECON 120 Princ. of Microeconomics 3
<del>Ag</del> Econ / Business electives 9	Econ / Business electives 9
Designated Electives:	Designated Electives:
<del>ACCTG 241* Accounting Invest/Finance 3</del>	<u>Any ACCTG course 200 or above, excluding ACCTG 231</u>
AGEC 120 Agr Econ and Agribus 3 (Select only if ECON 120 not taken)	AGEC 120 Agr Econ and Agribus 3 (Select only if ECON 120 not taken)
<del>AGEC 202 Small Business Operations 3</del>	<u>Any AGECE course 200 or above</u>
<del>AGEC 318 Food and Agribus Mgt 3</del>	<u>Any MANGT course 300 or above</u>
<del>AGEC 513 Agricultural Finance 3</del>	
<del>AGEC 525* Natural Res Econ 3</del>	
<del>MANGT 390 Business Law I 3</del>	
<del>MANGT 420 Management Concepts 3</del>	
<del>MANGT 440 Entrepreneurship 3</del>	MC 120 Principles of Advertising 3
<del>MANGT 531 Human Res Mgt 3</del>	MC 180 Fund of Public Relations 3
<del>MANGT 540 Small Bus Consulting 3</del>	<u>Any MKTG course 300 or above</u>
MC 120 Principles of Advertising 3	<u>Any ECON course 300 or above</u>
MC 180 Fund of Public Relations 3	
MKTG 400 Marketing 3	GREENHOUSE AND NURSERY MANAGEMENT SPECIALIZATION
MKTG 542 Prof Selling/Sales Mgt 3	
GREENHOUSE AND NURSERY MANAGEMENT SPECIALIZATION	Specialization electives 10-12
Specialization electives 10-12	AGRON 330 Weed Science 3
AGRON 330 Weed Science 3	HORT 210 Concepts Floral Design 3
HORT 210 Concepts Floral Design 3	HORT 275 Horticultural Design I 3
HORT 275 Horticultural Design I 3	<u>HORT 325 Intro to Organic Farming 2</u>
	<u>HORT* 390 Horticulture Topics 1-3</u>
	OR
	<u>HORT* 640 Horticultural Problems 1-3</u>

				<u>*Either HORT 390 or 640 may be used for a total of 3 credit hours</u>			
				<u>HORT</u>	<u>405</u>	<u>Water Issues Lawn &amp; Landsc</u>	<u>3</u>
				HORT	508	Landscape Maintenance	2
				HORT	515	Basic Turfgrass Culture	2
				<u>HORT</u>	<u>520</u>	<u>Fruit Production</u>	<u>3</u>
HORT	508	Landscape Design I	2	HORT	550	Landscape Irrigation System	3
HORT	515	Basic Turfgrass Culture	2				
				<u>HORT</u>	<u>560</u>	<u>Vegetable Crop Production</u>	<u>3</u>
HORT	550	Landscape Irrigation System	3	HORT	585	Arboriculture	3
				<u>HORT</u>	<u>690</u>	<u>Sustainable Agriculture</u>	<u>2</u>
				<u>HORT</u>	<u>710</u>	<u>Plant Cell, Tissue &amp; Organ Culture</u>	<u>3</u>
HORT	585	Arboriculture	3				

RATIONALE: To broaden the designated electives for Econ/Business and Greenhouse and Nursery Management Specialization Electives categories to reflect a wider range of transfer and KSU courses that meet the spirit of the elective category, and to allow students and advisors more flexibility in meeting the details of the curriculum.

IMPACT: No impact on other departments.

Changes to: Horticulture Major – Horticulture Science Option

From:

To:

Horticulture Science Option				Horticulture Science Option			
AGRIC/BIOLOGICAL SCIENCES				AGRIC/BIOLOGICAL SCIENCES			
Biology elective 3-4				Biology elective 3-4			
Designated Electives:				Designated Electives:			
AGRON	610	Biotechnology	3	AGRON	610	Biotechnology	3
<del>BIOL</del>	<del>320</del>	<del>Economic Botany</del>	<del>3</del>				
BIOL	529	Fundamentals of Ecology	3	BIOL	529	Fundamentals of Ecology	3
BIOL	551	Taxonomy Flowering Plants	4	BIOL	551	Taxonomy Flowering Plants	4
				<u>BIOL</u>	<u>604</u>	<u>Biology of the Fungi</u>	<u>3</u>
HORTICULTURE REQUIREMENT 18-21				HORTICULTURE REQUIREMENT 20-21			
HORT	190	Pre-Internship in Hort	1	HORT	190	Pre-Internship in Hort	1
HORT	350	Plant Propagation	3	HORT	350	Plant Propagation	3
HORT	520	Fruit Production	3	HORT	520	Fruit Production	3
OR				OR			
HORT	560	Vegetable Crop Production	3	HORT	560	Vegetable Crop Production	3
HORT	570	Greenhouse Operations Mgt.	3	HORT	570	Greenhouse Operations Mgt.	3
				<u>HORT</u>	<u>582</u>	<u>Foundations Hort Pest Mgt</u>	<u>1</u>
				HORT	590	Hort Internship	2-3
HORT	590	Hort Internship	2-5	HORT	599	The Horticultural Prof.	0
HORT	599	The Horticultural Prof.	0	<u>HORT</u>	<u>710</u>	<u>Plant Cell, Tissue &amp; Organ Culture</u>	<u>3</u>
				<u>Pest Management Elective</u> 1			
				Environmental Science Elective 3			
<del>Pest Management Elective 3</del>				Pest Management Elective			
Environmental Science Elective 3				Designated Electives:			
Pest Management Elective				<u>HORT</u>	<u>583</u>	<u>Survey of Hort Orn &amp; Food Crop Pests</u>	<u>1</u>
Designated Electives:				<u>HORT</u>	<u>587</u>	<u>Turfgrass Diseases &amp; Mgt</u>	<u>1</u>
Choose any combination of classes equal to 3 credit hrs.				<u>HORT</u>	<u>588</u>	<u>Turfgrass Weeds &amp; Mgt</u>	<u>1</u>
ENTOM	612	Insect Pest Diagnosis	2	<u>HORT</u>	<u>589</u>	<u>Turfgrass Insects &amp; Mgt</u>	<u>1</u>
ENTOM	620	Insecticides: Properties & Laws	2				

ENTOM 767	Insect Pest mgt	3	<u>PLANT SCIENCE ELECTIVES</u> 15 <u>Any Horticulture 300-level or above not otherwise required</u> <u>With up to 3 credits from Plant Pathology 500-level or above, excluding PLPTH 500</u> <u>With up to 3 credits from Entomology 500-level or above</u> <u>With up to 3 credits from Agronomy 300-level or above, excluding AGRON 305</u>
HORT 582	Hort Pest mgt	4	
PLPTH 590	Landscape Diseases	2	
<b>HORTICULTURE ELECTIVES</b>		15	
<b>FREE ELECTIVES</b>			<b>FREE ELECTIVES</b>
<u>2-9</u>			<u>2-7</u>

**RATIONALE:** To broaden the designated electives for Biology and Plant Science Electives categories to reflect a wider range of transfer and KSU courses that meet the spirit of the elective category, and to allow students and advisors more flexibility in meeting the details of the curriculum.

**IMPACT:** No impact on other departments.

Changes to: Horticulture Major – Horticultural Therapy Option

<b>From:</b>			<b>To:</b>		
Horticultural Therapy Option			Horticultural Therapy Option		
<del>AG</del> ECON/BUSINESS ELECTIVES 9			ECON/BUSINESS ELECTIVES 9		
AGEC 120	Ag Economics & Agribusiness	3	<u>ECON 110</u>	<u>Prin of Macroeconomics</u>	<u>3</u>
OR			OR		
ECON 120	Prin. Microeconomics	3	AGEC 120	Ag Economics & Agribusiness	3
OR			OR		
ECON 120	Prin. Microeconomics	3	ECON 120	Prin. Microeconomics	3
Business electives 6			Business electives 6		
Designated Electives:			Designated Electives:		
<del>ACCTG 231</del>	<del>Acctg-Bus Ops</del>	<del>3</del>	<u>Any ACCTG course 200 or above</u>		
<del>AGEC 202</del>	<del>Small Business Ops</del>	<del>3</del>	<u>Any AGECE or ECON course 100 or above, excluding course that meets requirement above</u>		
<del>ECON 110</del>	<del>Princ Macroeconomics</del>	<del>3</del>	<u>Any MANGT course 300 or above</u>		
<del>MANGT 420</del>	<del>Management Concepts</del>	<del>3</del>	<u>MC 120</u>	<u>Principles of Advertising</u>	<u>3</u>
<del>MKTG 400</del>	<del>Marketing</del>	<del>3</del>	<u>MC 180</u>	<u>Fund of Public Relations</u>	<u>3</u>
			<u>Any MKTG course 300 or above</u>		

**RATIONALE:** To broaden the designated electives for the Econ/Business Electives category to reflect a wider range of transfer and KSU courses that meet the spirit of the elective category, and to allow students and advisors more flexibility in meeting the details of the curriculum.

**IMPACT:** No impact on other departments.

Changes to: Horticulture Major – Landscape Design Option

<b>From:</b>			<b>To:</b>		
Landscape Design Option			Landscape Design Option		
<del>AG</del> ECON/BUSINESS ELECTIVES 15 hours			ECON/BUSINESS ELECTIVES 15 hours		
ACCTG 231	Accounting for Bus Opers	3	ACCTG 231	Accounting for Bus Opers	3
ECON 110	Princ. of Macroeconomics	3	ECON 110	Princ. of Macroeconomics	3
OR			OR		





Designated Electives:				Designated Electives:							
ACCTG	241*	Accounting Invest/Finance	3	<u>Any ACCTG course 200 or above, excluding ACCTG 231</u>							
AGEC	120	Agr Econ and Agribus (Select only if ECON 120 not taken)	3	AGEC	120	Agr Econ and Agribus (Select only if ECON 120 not taken)	3				
AGEC	202	Small Business Operations	3	<u>Any AGECE course 200 or above</u>							
AGEC	318	Food and Agribus Mgt	3	<u>Any MANGT course 300 or above</u>							
AGEC	513	Agricultural Finance	3								
AGEC	525*	Natural Res Econ	3								
MANGT	390	Business Law I	3								
MANGT	420	Management Concepts	3								
MANGT	440	Entrepreneurship	3								
MANGT	531	Human Res Mgt	3								
MANGT	540	Small Bus Consulting	3								
MC	120	Principles of Advertising	3					MC	120	Principles of Advertising	3
MC	180	Fund of Public Relations	3					MC	180	Fund of Public Relations	3
MKTG	400	Marketing	3	<u>Any MKTG course 300 or above</u>							
MKTG	542	Prof Selling/Sales Mgt	3	<u>Any ECON course 300 or above</u>							
LANDSCAPE MANAGEMENT SPECIALIZATION 27				LANDSCAPE MANAGEMENT SPECIALIZATION 27							
hours				hours							
AGRON	375	Soil Fertility	3	AGRON	375	Soil Fertility	3				
OR				OR							
HORT	706	Turfgrass Science	3	HORT	706	Turfgrass Science	3				
HORT	374	Woody Plant Materials I	3	HORT	374	Woody Plant Materials I	3				
HORT	375	Woody Plant Materials II	3	HORT	375	Woody Plant Materials II	3				
HORT	376	Herbaceous Ornamental Plants	3	HORT	376	Herbaceous Ornamental Plants	3				
				<u>HORT*</u> 390 <u>Horticulture Topics</u> 1-3							
				OR							
				<u>HORT*</u> 640 <u>Horticultural Problems</u> 1-3							
				<u>*Either HORT 390 or 640 may be used for up to a total of 3 credit hours</u>							
				<u>HORT</u> 405 <u>Water Issues Lawn &amp; Landscape</u> 3							
HORT	508	Landscape Maintenance	2	HORT	508	Landscape Maintenance	2				
HORT	515	Basic Turfgrass Culture	2	HORT	515	Basic Turfgrass Culture	2				
HORT	550	Landscape Irrigation System	3	HORT	550	Landscape Irrigation System	3				
HORT	551	The Business of Landscape Contracting	1	HORT	551	The Business of Landscape Contracting	1				
HORT	552	Horticultural Landscape Const.	1	HORT	552	Horticultural Landscape Const.	1				
HORT	582	Foundations Hort Pest Mgt	1	HORT	582	Foundations Hort Pest Mgt	1				
HORT	585	Arboriculture	3	HORT	585	Arboriculture	3				
				<u>HORT</u> 600 <u>Herbaceous Landscape Plant Prod</u> 2							
				<u>HORT</u> 690 <u>Sustainable Agriculture Pest management elective</u> 2							
Pest management elective 2											

RATIONALE: To broaden the designated electives for the Econ/Business Electives and Landscape Management Specialization categories to reflect a wider range of transfer and KSU courses that meet the spirit of the elective category, and to allow students and advisors more flexibility in meeting the details of the curriculum.

IMPACT: No impact on other departments.

Changes to: Horticulture Major – Sports Turf Operations Option

- Add HORT 405 Water Issues Lawn & Landscape and HORT 690 Sustainable Agriculture to the Turf Management Specialization Horticulture electives

**RATIONALE:** To broaden the designated electives for the Turf Management and Specialization category to reflect a wider range of transfer and KSU courses that meet the spirit of the elective category, and to allow students and advisors more flexibility in meeting the details of the curriculum.

**IMPACT:** No impact on other departments.

*College of Education October 27, 2009 approval sheets*  
*Secondary Education*

Changes to Journalism (EDJOR) Teacher Licensure Program

- Remove MC 211 and MC 276 from Required courses
- Add MC 251 and MC 406 to Required courses
- Add MC 180, 471, and 580 to recommended courses
- Update course numbers and titles within listings

**Rationale:** These changes are initiated at the request of the Department of Journalism and Mass Communications. As this department has made programmatic changes to bolster their emphasis on electronic journalism, their faculty recommend two courses currently required in the EDJOR sequence be replaced with two other courses that better align with the needs of secondary school journalism teachers. Additionally, the current course numbers for two of the “recommended” courses are corrected to reflect changes in course numbering in the Department of Journalism and Mass Communications, one course title is updated, and three courses have been added to the list of recommend courses.

Changes to English and Journalism (EDENJ) Teacher Licensure Program

- Remove MC 211 and 276 from required courses
- Add MC 251 and 406 to required courses

**Rationale:** These changes are initiated at the request of the Department of Journalism and Mass Communications. As this department has made programmatic changes to bolster their emphasis on electronic journalism, their faculty recommend two courses currently required in the EDENJ sequence be replaced with two other courses that better align with the needs of secondary school journalism teachers.

*College of Engineering November 5, 2009 approval sheets*  
*Department of Biological and Agricultural Engineering*

Changes to Bachelor of Science: Biological Systems Engineering – Biological Option, Environmental Option, and Machinery Systems Option

- Change in total credit hours required for graduation from 128 to 127.
- Remove DEN 325 from all three options.
- Also change BAE 636 and 651 from main course list, in the Machinery Systems Option, to be listed as technical electives and change credit hours of Technical Electives from 3 to 6.

**Rationale:** DEN 325 topics of personal and professional development, including communication, leadership, teamwork, and ethics, are currently covered iteratively in the recently redesigned courses of BAE 101, 131, 231, and 331. Thus, DEN 325 is no longer needed to meet these student learning outcomes.

Currently this option only has 3 hours of technical electives. We believe that more technical electives are necessary. The dropped BAE courses will be added to the technical electives list and at least one technical elective must be in BAE 500+.

*General Engineering*

Drop: Nuclear Reactor Technology Program

Rationale: Nuclear Reactor Technology Program has not been offered for years.

2. Graduate course and curriculum changes approved by the Graduate Council on November 3, 2009 (parentheses indicate page number the change can be located on in the grad council agenda):

**COURSE CHANGES**

Changes to:

GEOL 743 Introduction to Geophysics (31)

GEOL 745 Exploration Geophysics (31)

WOMST 784 Internship in Women's Studies (31)

CS 709 Medicine I (31)

FSHS 603 Coping with Life Crises (32)

AGRON 610 Biotechnology (32)

ATM 653 Water Management and Irrigation Systems (32)

PLPTH 610 Biotechnology (32)

Add:

ART 636 Color Printmaking Workshop (33)

COMM 800 Teaching Public Speaking (33)

GEOL 832 Seismic Data Processing (33)

GEOG 833 Seminar in Sustainability Science, Thought, and Approaches (34)

GEOL 834 Seismic Data Interpretation (34)

GEOL 870 Groundwater contaminant remediation (34)

GEOL 872 Biogeochemistry of Soils and Sediments (34)

POLSC 638 Ethnic Conflict (34)

POLSC 643 Global Human Rights (34)

POLSC 670 Law, Politics, and Literature (34)

POLSC 739 Intergovernmental Relations (35)

PSYCH 822 Developmental Psychology (35)

PSYCH 851 Practicum in Health Psych (35)

PSYCH 853 Seminar in Psychopharmacology (35)

THTRE 610 Internship in Theatre (35)

THTRE 880 Creative project (36)

EDACE 818 Social Foundations of Adult Education (36)

EDACE 847 Adult Learning and Motivation (36)

EDACE 850 Self-Directed Learning (36)

EDACE 865 Principles of Workplace Learning (36)

EDACE 875 Program Evaluation in Adult Education (37)

EDACE 880 Significant Literature of Adult Education (37)

EDACE 940 Adult Development Theory (37)

EDLEA 801 Ethical Dimensions of Educational Leadership (37)

EDLEA 810 Historical and Philosophical Analysis of Leadership in Education (37)

EDLEA 901 The School District Leader (38)

EDLEA 902 District Leader Internship (38)

EDLEA 950 Advanced School Business Management (38)

CS 776 Advanced Urinary (38)

CS 825 International Vet Study Tours (38)

DMP 754 Introduction to Epidemiology (39)

FSHS 759 Foundations of Trauma and Traumatic Stress (39)

FSHS 761 International Conflict & Trauma (40)

FSHS 763 Crises Across the Lifespan (40)

ASI 695 Principles of Equine Exercise Physiology (40)  
GENAG 670 Introduction to Agricultural Resources and Environmental Management (40)  
GENAG 870 Capstone for Agricultural Resources and Environmental Management (40)  
GENAG 711 Occupational and Agricultural Health (41)  
GENAG 721 Occupational and Agricultural Safety and Health Interventions (41)

**CURRICULUM CHANGES**

M.S. in Educational ~~Administration and Leadership~~ (47) – name change to degree title  
Ed.D. in Educational ~~Administration and Leadership~~ (47) – name change to degree title  
Requirements for M.S. in AOCNT (47) – changes in course requirements and credit hours for graduation  
Master of Public Health Core Curriculum (48) – change to required core courses  
Graduate Certificate in Public Health Core Concepts (49) – change to require core courses

**GRADUATION LIST AND ADDITIONS:**

Graduation list additions:

May 2009

Melissa Jane Baer, Bachelor of Science, College of Arts and Sciences