<u>Attachment 1</u> Consent Agenda Information

Agriculture Information (11-8-10): Pages 1-35 Changes to options within degree programs Drop two Horticulture options

Human Ecology Information (12-8-10): Pages 36-37 Changes to BS in Interior Design

College of Agriculture

Non-expedited Course Changes (599 and below)

Agricultural Economics

FROM:	AGEC 121. Honors Agricultural Economics and Agribusiness. (3) I. A course suggested for all honors students interested in the agricultural economy. A study of economic principles, with emphasis on their application to the solution of farm, agribusiness, natural resource and agricultural industry problems in relationship to other sectors of the United States economy and foreign countries. The course will include extensive discussion, writing, and computer assignments on application of economic principles to real-world problems and issues. Two hours lec. and two hours lab a week. Prerequisite: Admitted to university honors or college scholars program or instructor permission and eligible for honors program. UGE.
TO:	AGEC 121. Honors Agricultural Economics and Agribusiness. (3) I. A course suggested for all honors students interested in the agricultural economy. A study of economic principles, with emphasis on their application to the solution of farm, agribusiness, natural resource and agricultural industry problems in relationship to other sectors of the United States economy and foreign countries. The course will include extensive discussion, writing, and computer assignments on application of economic principles to real-world problems and issues. <u>Three hours lec. a week</u> . Prerequisite: Admitted to university honors or college scholars program or instructor permission and eligible for honors program. UGE.
RATIONALE:	Given the class size, the instructor has found that 3 hours of lecture per week is more efficient and works as well.
IMPACT:	No impact on other departments.
EFFECTIVE DATE:	Fall 2011
ADD:	AGEC 315. Contemporary Issues in Global Food and Agricultural Systems. (3) I, II. A survey of comtemporary economic issues affecting world agricultural systems including population growth, trade, globalization, natural resource and environmental policy. Three hours lecture a week. Prerequisite: AGEC 120, AGEC 121, ECON 110, or ECON 120.
K-STATE 8 TAG:	Global Issues and Perspectives
RATIONALE:	This course is designed to meet the needs of students across the University who are interested in obtaining an understanding of "Global Issues and Perspectives" in the K-State 8 general education curriculum.
IMPACT:	No impact on other departments.
EFFECTIVE DATE:	Spring 2011

FROM:	AGEC 505. Agricultural Market Structures. (3) I, II. Theory and application of economic principles to marketing problems in agriculture. Pricing of agricultural output and productive services under various forms of economic organization and competition; regional specialization, location, and trade; determinants of economic change; evaluation of economic and consumer welfare. Three hours recitation a week. Prerequisite: AGEC 500.
TO:	AGEC 505. Agricultural Market Structures. (3) I, II. Theory and application of economic principles to marketing problems in agriculture. Pricing of agricultural output and productive services under various forms of economic organization and competition; regional specialization, location, and trade; determinants of economic change; evaluation of economic and consumer welfare. <u>Two hours lec. and two hours lab a week</u> . Prerequisite: AGEC 500.
RATIONALE:	Instructors have adopted collaborative learning laboratories for this class.
IMPACT:	No impact on other departments.
EFFECTIVE DATE:	Spring 2011
Agronomy	
DROP:	AGRON 455. Computer Applications in Agronomy. Application of computer technology to plant and soil science. Emphasis on use of current software in managing data and knowledge useful to crop production. Three hours lecture a week. Rec. Pr: AGRON 220 and AGRON 305.
RATIONALE:	This course has not been taught since Spring 2008 because an instructor is not available. A curriculum change proposal is being submitted to require CIS 102, Introduction to Spreadsheet Applications (1 hour credit), for all options in the Agronomy major. Students who need additional computer application courses can choose from CIS 101, 103, or 104.
IMPACT:	The Department Head (Gurdip Singh) of Computing and Information Sciences was contacted and responded that the department is fine with the changes.
EFFECTIVE DATE:	Spring 2011

Undergraduate Curriculum Changes

Agronomy

Business and Industry Option

Business and Industry Option	
FROM:	TO:
AGRONOMY (32):	AGRONOMY (<u>31-32</u>):
AGRON 220 Crop Science (4)	AGRON 220 Crop Science (4)
AGRON 305 Soils (4)	AGRON 305 Soils (4)
AGRON 330 Weed Science (3)	AGRON 330 Weed Science (3)
AGRON 360 Crop Growth & Development (3)	AGRON 360 Crop Growth & Development (3)
AGRON 375 Soil Fertility (3)	AGRON 375 Soil Fertility (3)
AGRON 405 Internship in Agronomy (3)	AGRON 405 Internship in Agronomy (3)
AGRON 455 Computer Appl. In Agronomy (3)	AGRON Elective (14-15)
AGRON Electives (12)	
Nonon Electives (12)	
COMM/SOC. SCI./HUMAN./ECON/BUS (38)	COMM/SOC. SCI./HUMAN./ECON/BUS (38)
ECON 110 Prin. Macroeconomics (3)	
ENGL 100 Expository Writing I (3)	ECON 110 Prin. Macroeconomics (3)
	ENGL 100 Expository Writing I (3)
ENGL 200 Expository Writing II (3)	ENGL 200 Expository Writing II (3)
COMM 105 Public Speaking I (2)	COMM 105 Public Speaking I (2)
Communications Elective (3)	Communications Elective (3)
Social Sci./Humanities Electives (9)	Social Sci./Humanities Electives (9)
Ag Econ & Ag Bus/Bus Admin Electives (12)	Ag Econ & Ag Bus/Bus Admin Electives (12)
ACCTG 231 Acct. for Business Oper. (3)	ACCTG 231 Acct. for Business Oper. (3)
GENERAL ELECTIVES (12-17)	GENERAL ELECTIVES (<u>11-17</u>)
BIOLOGICAL/PHYSICAL SCI. (27-32)	BIOLOGICAL/PHYSICAL SCI. (28-33)
BIOL 198 Principles of Biology (4) or	BIOL 198 Principles of Biology (4) or
BIOL 210 General Botany (4)	BIOL 210 General Botany (4)
CHM 210 Chemistry I (4)	CHM 210 Chemistry I (4)
CHM 230 Chemistry II (4)	CHM 230 Chemistry II (4)
BIOCH 265 Intro. Organic/Biochemistry (5) or	BIOCH 265 Intro. Organic/Biochemistry (5) or
CHM 350 General Organic Chemistry (3)	CHM 350 General Organic Chemistry (3)
MATH 100 College Algebra (3)	MATH 100 College Algebra (3)
STAT 350 Business & Econ. Statistics (3)	STAT 350 Business & Econ. Statistics (3)
	CIS 102 Intro. Spreadsheet Applic. (1)
Two of the following courses:	Two of the following courses:
PHYS 113 General Physics (4) or	PHYS 113 General Physics (4) or
PHYS 115 Descriptive Physics (5)	PHYS 115 Descriptive Physics (5)
AGRON 645 Soil Microbiology (4)	AGRON 645 Soil Microbiology (4)
BIOL 455 General Microbiology (4)	BIOL 455 General Microbiology (4)
ASI 500 Genetics (3)	ASI 500 Genetics (3)
BIOL 500 Plant Physiology (4)	BIOL 500 Plant Physiology (4)
BIOL 529 Fundamentals of Ecology (3)	BIOL 529 Fundamentals of Ecology (3)
GEOG 508 Fundamentals of GIS (3)	GEOG 508 Fundamentals of GIS (3)
MATH 205 Gen. Calculus & Linear Algebra (3)	MATH 205 Gen. Calculus & Linear Algebra (3)
ACRICIII TURE (12)	ACRICIII TURE (12)
AGRICULTURE (13)	AGRICULTURE (13)
AGEC 120 Agric. Econ. & Agric. Bus. (3) or	AGEC 120 Agric. Econ. & Agric. Bus. (3) or
ECON 120 Prin. Microeconomics (3)	ECON 120 Prin. Microeconomics (3)
ENTOM 300 Economic Entomology (3)	ENTOM 300 Economic Entomology (3)
GENAG 101 Agricultural Orientation (1)	GENAG 101 Agricultural Orientation (1)
PLPTH 500 Plant Pathology (3)	PLPTH 500 Plant Pathology (3)
Agricultural Elective (3)	Agricultural Elective (3)

RATIONALE:	AGRON 455 has not been taught since Spring 2008 because an instructor is not available. All options in the Agronomy major will now require CIS 102, Introduction to Spreadsheet Applications (1 hour credit). Students who need additional computer application courses can choose from CIS 101, 103, or 104.
IMPACT:	The Department Head (Gurdip Singh) of Computing and Information Sciences was contacted and responded that the department is fine with the changes.

EFFECTIVE DATE: Fall 2011

Consulting and Production Option FROM:

FROM:
AGRONOMY (31):
AGRON 220 Crop Science (4)
AGRON 305 Soils (4)
AGRON 330 Weed Science (3)
AGRON 360 Crop Growth & Development (3)
AGRON 375 Soil Fertility (3)
AGRON 385 Soil Fertility Lab (2)
AGRON 405 Internship in Agronomy (3)
AGRON 455 Computer Appl. In Agronomy (3)
AGRON 650 Integrated Weed Management (3)
AGRON Elective (3)
COMM/SOC SCLUTIMAN / COM/DUS (20)
COMM/SOC. SCI./HUMAN./ECON/BUS (26)
ECON 110 Prin. Macroeconomics (3)
ENGL 100 Expository Writing I (3)
ENGL 200 Expository Writing II (3)
COMM 105 Public Speaking I (2)
Communications Elective (3)
Social Sci./Humanities Electives (9)
AGEC 308 Farm and Ranch Management or
ACCTG 231 Acct. for Business Operations
GENERAL ELECTIVES (8-13)
BIOLOGICAL/PHYSICAL SCI. (28-32)
BIOL 198 Principles of Biology (4) or
BIOL 210 General Botany (4)
CHM 210 Chemistry I (4)
CHM 230 Chemistry II (4)
BIOCH 265 Intro. Organic/Biochemistry (5) or
CHM 350 General Organic Chemistry (3)
MATH 100 College Algebra (3)
PHYS 113 General Physics (4) or
PHYS 115 Descriptive Physics (5)
STAT 340 Biometrics (3)
One of the following courses:
AGRON 645 Soil Microbiology (4)
BIOL 455 General Microbiology (4)
BIOL 529 Fundamentals of Ecology (3)
ASI 500 Genetics (3)
GEOG 508 Fundamentals of GIS (3)
ACDICULTUDE (20.20)
AGRICULTURE (29-30)
AGEC 120 Agric. Econ. & Agric. Bus. (3) or
ECON 120 Prin. Microeconomics (3)
ATM 653/654 Irrigation Practices (2) + Lab (1)
ENTOM 300 Economic Entomology (3) or
ENTOM 312 General Entomology (2) and
ENTOM 313 Gen. Entomology Lab (1)
ENTOM 612 Insect Pest Diagnosis (2) or
ENTOM 767 Insect Pest Management (3)
GENAG 101 Agricultural Orientation (1)
PLPTH 500 Plant Pathology (3)
PLPTH 585 Crop Diseases (2)
Agricultural Electives (12)

TO:

AGRONOMY (<u>30-31</u>): AGRON 220 Crop Science (4) AGRON 305 Soils (4) AGRON 305 Soils (4) AGRON 330 Weed Science (3) AGRON 360 Crop Growth & Development (3) AGRON 375 Soil Fertility (3) AGRON 385 Soil Fertility Lab (2) AGRON 405 Internship in Agronomy (3) AGRON 650 Integrated Weed Management (3) <u>AGRON Elective (5-6)</u>

COMM/SOC. SCI./HUMAN./ECON/BUS (26) ECON 110 Prin. Macroeconomics (3) ENGL 100 Expository Writing I (3) ENGL 200 Expository Writing II (3) COMM 105 Public Speaking I (2) Communications Elective (3) Social Sci./Humanities Electives (9) AGEC 308 Farm and Ranch Management or ACCTG 231 Acct. for Business Operations

GENERAL ELECTIVES (7-13)

BIOLOGICAL/PHYSICAL SCI. (29-33) BIOL 198 Principles of Biology (4) or BIOL 210 General Botany (4) CHM 210 Chemistry I (4) CHM 230 Chemistry II (4) BIOCH 265 Intro. Organic/Biochemistry (5) or CHM 350 General Organic Chemistry (3) MATH 100 College Algebra (3) PHYS 113 General Physics (4) or PHYS 115 Descriptive Physics (5) STAT 340 Biometrics (3) CIS 102 Intro. Spreadsheet Applic. (1) One of the following courses: AGRON 645 Soil Microbiology (4) BIOL 455 General Microbiology (4) BIOL 529 Fundamentals of Ecology (3) ASI 500 Genetics (3) GEOG 508 Fundamentals of GIS (3) AGRICULTURE (29-30) AGEC 120 Agric. Econ. & Agric. Bus. (3) or

AGEC 120 Agric. Ecoli. & Agric. Bus. (3) of ECON 120 Prin. Microeconomics (3)
ATM 653/654 Irrigation Practices (2) + Lab (1)
ENTOM 300 Economic Entomology (3) or ENTOM 312 General Entomology (2) and ENTOM 313 Gen. Entomology Lab (1)
ENTOM 612 Insect Pest Diagnosis (2) or ENTOM 767 Insect Pest Management (3)
GENAG 101 Agricultural Orientation (1)
PLPTH 500 Plant Pathology (3)
PLPTH 585 Crop Diseases (2)
Agricultural Electives (12)

RATIONALE:	AGRON 455 has not been taught since Spring 2008 because an instructor is not available. All options in the Agronomy major will now require CIS 102, Introduction to Spreadsheet Applications (1 hour credit). Students who need additional computer application courses can choose from CIS 101, 103, or 104.
IMPACT:	The Department Head (Gurdip Singh) of Computing and Information Sciences was contacted and responded that the department is fine with the changes.
EFFECTIVE DATE:	Fall 2011

Plant Science and Biotechnology Option FROM:

AGRONOMY (35):
AGRON 220 Crop Science (4)
AGRON 305 Soils (4)
AGRON 330 Weed Science (3)
AGRON 360 Crop Growth & Development (3)
AGRON 375 Soil Fertility (3)
AGRON 630 Prin. Crop Improvement (3)
AGRON 405 Internship in Agronomy (3)
AGRON 455 Computer Appl. In Agronomy (3)
AGRON 610 Biotechnology (3)
AGRON Electives (6)

COMM/SOCIAL SCI./HUMANITIES/ECON (26)

ECON 110 Prin. Macroeconomics (3) AGEC 120 Agric. Econ. & Agric. Bus. (3) AGEC 415 Global Ag. Econ., Hunger & Pov. (3) ENGL 100 Expository Writing I (3) ENGL 200 Expository Writing II (3) COMM 105 Public Speaking I (2) Communications Elective (3) Social Sci./Humanities Electives (6)

GENERAL ELECTIVES (13-14)

BIOLOGICAL/PHYSICAL SCI. (53-54) BIOL 198 Principles of Biology (4) or BIOL 210 General Botany (4) BIOL 450 Modern Genetics (3) or ASI 500 Genetics (3) CHM 210 Chemistry I (4) CHM 230 Chemistry II (4) CHM 350 General Organic Chemistry (3) MATH 100 College Algebra (3) MATH 150 Plane Trigonometry (3) ENTOM 300 Economic Entomology (3) PLPTH 500 Plant Pathology (3) BIOL 500 Plant Physiology (4) PHYS 113 General Physics (4) or PHYS 115 Descriptive Physics (5) STAT 340 Biometrics (3)

Plus 12 credit hours from the following courses: AGRON 770 Plant Genetics (3)
BIOL 529 Fundamentals of Ecology (3)
BIOL 675 Genetics of Microorganisms (3)
BIOL 676 Molecular Genetics Lab (3)
ENTOM 635 Intro. Plant Resist. To Pests (2)
PLPTH 585 Crop Diseases (2)
PLPTH 755 Plant Resistance to Diseases (2)
BIOCH 521 General Biochemistry (3)
MATH 220 Analytical Geom. & Calculus I (4)
MATH 221 Analytical Geom. & Calculus II (4)
PHYS 114 General Physics II (4) TO:

AGRONOMY (<u>34-35</u>): AGRON 220 Crop Science (4) AGRON 305 Soils (4) AGRON 330 Weed Science (3) AGRON 360 Crop Growth & Development (3) AGRON 375 Soil Fertility (3) AGRON 630 Prin. Crop Improvement (3) AGRON 405 Internship in Agronomy (3)

AGRON 610 Biotechnology (3) AGRON Electives (<u>8-9</u>)

COMM/SOCIAL SCI./HUMANITIES/ECON (26) ECON 110 Prin. Macroeconomics (3) AGEC 120 Agric. Econ. & Agric. Bus. (3) AGEC 415 Global Ag. Econ., Hunger & Pov. (3) ENGL 100 Expository Writing I (3) ENGL 200 Expository Writing II (3) COMM 105 Public Speaking I (2) Communications Elective (3) Social Sci./Humanities Electives (6)

GENERAL ELECTIVES (11-13)

BIOLOGICAL/PHYSICAL SCI. (54-55) BIOL 198 Principles of Biology (4) or **BIOL 210 General Botany (4)** BIOL 450 Modern Genetics (3) or ASI 500 Genetics (3) CHM 210 Chemistry I (4) CHM 230 Chemistry II (4) CHM 350 General Organic Chemistry (3) MATH 100 College Algebra (3) MATH 150 Plane Trigonometry (3) ENTOM 300 Economic Entomology (3) PLPTH 500 Plant Pathology (3) BIOL 500 Plant Physiology (4) PHYS 113 General Physics (4) or PHYS 115 Descriptive Physics (5) STAT 340 Biometrics (3) CIS 102 Intro. Spreadsheet Applic. (1) Plus 12 credit hours from the following courses: AGRON 770 Plant Genetics (3) BIOL 529 Fundamentals of Ecology (3) BIOL 675 Genetics of Microorganisms (3) BIOL 676 Molecular Genetics Lab (3) ENTOM 635 Intro. Plant Resist. To Pests (2) PLPTH 585 Crop Diseases (2) PLPTH 755 Plant Resistance to Diseases (2) BIOCH 521 General Biochemistry (3) MATH 220 Analytical Geom. & Calculus I (4) MATH 221 Analytical Geom. & Calculus II (4) PHYS 114 General Physics II (4)

RATIONALE:	AGRON 455 has not been taught since Spring 2008 because an instructor is not available. All options in the Agronomy major will now require CIS 102, Introduction to Spreadsheet Applications (1 hour credit). Students who need additional computer application courses can choose from CIS 101, 103, or 104.
IMPACT:	The Department Head (Gurdip Singh) of Computing and Information Sciences was contacted and responded that the department is fine with the changes.
EFFECTIVE DATE:	Fall 2011

Range Management Option FROM:

AGRONOMY (32): AGRON 220 Crop Science (4) AGRON 305 Soils (4) AGRON 501 Range Management (3) AGRON 515 Soil Genesis and Classification (3) AGRON 560 ID Range & Pasture Plants (1) AGRON 660 Range Research Techniques (3)

AGRON 670 Range Management Problems (3) AGRON 681 Range Ecology (3) AGRON 762 Range Grasses (2) AGRON 790 Range Management Planning (3) AGRON 455 Computer Appl. In Agronomy (3)

COMM/SOCIAL SCI./HUMANITIES/ECON (23) ECON 110 Prin. Macroeconomics (3) ENGL 100 Expository Writing I (3) ENGL 200 Expository Writing II (3) COMM 105 Public Speaking I (2) Communications Elective (3) Social Sci./Humanities Electives (9)

GENERAL ELECTIVES (14-17)

BIOLOGICAL/PHYSICAL SCI. (42-45) BIOL 198 Principles of Biology (4) or BIOL 210 General Botany (4) CHM 210 Chemistry I (4) CHM 230 Chemistry II (4) BIOCH 265 Intro. Organic/Biochemistry (5) or CHM 350 General Organic Chemistry (3) MATH 100 College Algebra (3) MATH 150 Plane Trigonometry (3) BIOL 500 Plant Physiology (4) BIOL 529 Fundamentals of Ecology (3) BIOL 551 Taxonomy of Flowering Plants (4) GEOL 100 Earth in Action (3) PHYS 113 General Physics (4) or PHYS 115 Descriptive Physics (5) **BIOL/PHYS SCI. Elective (3)**

AGRICULTURE (13) AGEC 120 Agric. Econ. & Agric. Bus. (3) or ECON 120 Prin. Microeconomics (3) ENTOM 300 Economic Entomology (3) ASI 102 Principles of Animal Science (3) ASI 515 Beef Science (3) GENAG 101 Agricultural Orientation (1) TO:

AGRONOMY (<u>31-32</u>): AGRON 220 Crop Science (4) AGRON 305 Soils (4) AGRON 501 Range Management (3) AGRON 515 Soil Genesis and Classification (3) AGRON 560 ID Range & Pasture Plants (1) <u>AGRON 660 Grassland Monitoring and Assessment (2)</u> <u>AGRON 661 Grassland Monitoring and Ass. Lab (1)</u> AGRON 670 Range Management Problems (3) AGRON 681 Range Ecology (3) AGRON 762 Range Grasses (2) AGRON 790 Range Management Planning (3) <u>AGRON Elective (2 or 3)</u>

COMM/SOCIAL SCI./HUMANITIES/ECON (23) ECON 110 Prin. Macroeconomics (3) ENGL 100 Expository Writing I (3) ENGL 200 Expository Writing II (3) COMM 105 Public Speaking I (2) Communications Elective (3) Social Sci./Humanities Electives (9)

GENERAL ELECTIVES (13-17)

BIOLOGICAL/PHYSICAL SCI. (43-46) BIOL 198 Principles of Biology (4) or BIOL 210 General Botany (4) CHM 210 Chemistry I (4) CHM 230 Chemistry II (4) BIOCH 265 Intro. Organic/Biochemistry (5) or CHM 350 General Organic Chemistry (3) MATH 100 College Algebra (3) MATH 150 Plane Trigonometry (3) BIOL 500 Plant Physiology (4) BIOL 529 Fundamentals of Ecology (3) BIOL 551 Taxonomy of Flowering Plants (4) GEOL 100 Earth in Action (3) PHYS 113 General Physics (4) or PHYS 115 Descriptive Physics (5) **BIOL/PHYS SCI. Elective (3)** CIS 102 Intro. Spreadsheet Applic. (1)

AGRICULTURE (13) AGEC 120 Agric. Econ. & Agric. Bus. (3) or ECON 120 Prin. Microeconomics (3) ENTOM 300 Economic Entomology (3) ASI 102 Principles of Animal Science (3) ASI 515 Beef Science (3) GENAG 101 Agricultural Orientation (1) RATIONALE: AGRON 455 has not been taught since Spring 2008 because an instructor is not available. All options in the Agronomy major will now require CIS 102, Introduction to Spreadsheet Applications (1 hour credit). Students who need additional computer application courses can choose from CIS 101, 103, or 104. AGRON 660 has been renamed and divided into a lecture and a lab with separate enrollment.
 IMPACT: The Department Head (Gurdip Singh) of Computing and Information Sciences was contacted and responded that the department is fine with the changes.

EFFECTIVE DATE: Fall 2011

Soil and Environmental Science Option FROM:

FROM:	
AGRONOMY (38):	A
AGRON 220 Crop Science (4)	A
AGRON 305 Soils (4)	A
AGRON 335 Environmental Quality (3)	A
AGRON 360 Crop Growth & Development (3)	A
AGRON 375 Soil Fertility (3)	P
AGRON 385 Soil Fertility Lab (2)	
AGRON 515 Soil Genesis and Classification (3)	
AGRON 605 Soil & Environmental Chemistry (3)	
AGRON 635 Soil Conservation & Management (3)	
AGRON 645 Soil Microbiology (3)	
AGRON 646 Soil Microbiology Lab (1)	
AGRON 746 Physical Properties of Soils (3)	
AGRON 455 Computer Appl. In Agronomy (3)	
	A
	E
	=
COMM/SOCIAL SCI./HUMANITIES/ECON (26)	C
AGEC 120 Agric. Econ. & Agric. Bus (3) or	A
ECON 120 Prin. Microeconomics (3)	1
AGEC 525 Natural Resources/Environ. Economics (3)	A
ENGL 100 Expository Writing I (3)	E
ENGL 200 Expository Writing II (3)	E
COMM 105 Public Speaking I (2)	C
Communications Elective (3)	Ċ
Social Sci./Humanities Electives (6)	S
One of the following courses:	
HIST 511 Environmental History (3)	
SOCIO 536 Environmental Sociology (3)	
ANTH 260 Intro. To Archaeology (3)	
111(111 200 millo: 10 Themeology (5)	
GENERAL ELECTIVES (12-16)	C
BIOLOGICAL/PHYSICAL SCI. (47-51)	E
BIOL 198 Principles of Biology (4) or	E
BIOL 210 General Botany (4)	
CHM 210 Chemistry I (4)	C
CHM 230 Chemistry II (4)	C
CHM 350 General Organic Chemistry (3)	C
MATH 100 College Algebra (3)	Ν
MATH 150 Plane Trigonometry (3)	Ν
GEOL 100 Earth in Action (3)	0
GEOL 103 Geology Lab (1)	C
PHYS 113 General Physics (4) or	P
PHYS 115 Descriptive Physics (5)	
STAT 340 Biometrics (3)	S
	C
Five of the following courses:	F
AGRON 655 Site Specific Agriculture (3)	1 Î
ATM 661 Water & Waste in Environ. (3)	
BIOCH 521 General Biochemistry (3)	
BIOL 500 Plant Physiology (4)	
BIOL 529 Fundamentals of Ecology (3)	
FOR 375 Intro. Natural Resource Mgmt. (3)	
GEOG 340 Geography of Natural Resources (3)	
GEOG 508 Fundamentals of GIS (3)	

TO:

10.
AGRONOMY (38):
AGRON 220 Crop Science (4)
AGRON 305 Soils (4)
AGRON 335 Environmental Quality (3)
AGRON 405 Internship in Agronomy (3)
Plus 18 credit hours from the following courses:
AGRON 360 Crop Growth & Development (3)
AGRON 375 Soil Fertility (3)
AGRON 385 Soil Fertility Lab (2)
AGRON 501 Range Management (3)
AGRON 515 Soil Genesis and Classification (3)
AGRON 605 Soil & Environmental Chemistry (3)
AGRON 625 Applications of Nutrient Mgmt. (3)
AGRON 635 Soil Conservation & Management (3)
<u>AGRON 645 Soil Microbiology (3)</u>
AGRON 646 Soil Microbiology Lab (1)
AGRON 746 Physical Properties of Soils (3)
AGRON Elective (3)
Environmental Science Elective (3)
COMM/SOCIAL SCI./HUMANITIES/ECON (26)
AGEC 120 Agric. Econ. & Agric. Bus (3) or
ECON 120 Prin. Microeconomics (3)
AGEC 525 Natural Resources/Environ. Economics (3)
ENGL 100 Expository Writing I (3)
ENGL 200 Expository Writing II (3)
COMM 105 Public Speaking I (2)
Communications Elective (3)
Social Sci./Humanities Electives (6)
One of the following courses:
HIST 511 Environmental History (3)
SOCIO 536 Environmental Sociology (3)
ANTH 260 Intro. To Archaeology (3)
GEOG 340 Geography of Natural Resources (3)
GENERAL ELECTIVES (10-15)
GENERAL ELECTIVES (10-15)
DIOLOGICAL DUNGLOAL COL (40.50)
BIOLOGICAL/PHYSICAL SCI. (48-52)
BIOL 198 Principles of Biology (4) or
BIOL 210 General Botany (4)
CHM 210 Chemistry I (4)
CHM 230 Chemistry II (4)
CHM 350 General Organic Chemistry (3)
MATH 100 College Algebra (3)
MATH 150 Plane Trigonometry (3)
GEOL 100 Earth in Action (3)
GEOL 103 Geology Lab (1)
PHYS 113 General Physics (4) or
PHYS 115 Descriptive Physics (5)
STAT 340 Biometrics (3)
CIS 102 Intro. Spreadsheet Applic. (1)
Five of the following courses:
AGRON 655 Site Specific Agriculture (3)
ATM 661 Water & Waste in Environ. (3)
A = W = OD = W = AT W = STATE TO HOVE (A)
BIOCH 521 General Biochemistry (3)
BIOCH 521 General Biochemistry (3) BIOL 500 Plant Physiology (4)
BIOCH 521 General Biochemistry (3)
BIOCH 521 General Biochemistry (3) BIOL 500 Plant Physiology (4)

GEOG 508 Fundamentals of GIS (3)

GEOG 705 Remote GEOG 725 Geogra GEOL 506 Enviror GEOL 520 Geomo	rphology (3) ical Geometry & Calc. I (4) Il Analysis (4)	GEOG 535 Fundamentals of Climatology (3) GEOG 705 Remote Sensing of Environ. (3) GEOG 725 Geography Water Resources (3) GEOL 506 Environmental Studies (3) GEOL 520 Geomorphology (3) MATH 220 Analytical Geometry & Calc. I (4) CHM 371 Chemical Analysis (4) PHYS 114 General Physics II (4)
RATIONALE:	instructor is not available. CIS 102, Introduction to Sp need additional computer a 104. Instead of requiring sp curriculum to allow student environmental science cour courses as special topics that environmental science. Stu science electives. GEOG 3	ot been taught since Spring 2008 because an All options in the Agronomy major will now require preadsheet Applications (1 hour credit). Students who pplication courses can choose from CIS 101, 103, or pecific soil science courses, we are changing the as to choose from a restricted list of soil and sess. In the future, we plan to add 1 and 2 hour at deal with relevant "hot" topics in soil and dents can use these courses as soil and environmental 40 is being moved from list of restricted electives in Sciences to the list of restricted electives in the s.
IMPACT:		ead (Gurdip Singh) of Computing and Information I responded that the department is fine with the
EFFECTIVE DATE:	Fall 2011	

Animal Sciences and Industry

		<u>es and moustry</u>	
FRO		B.S.: Agriculture Maj	or: Animal Scie
	(GENERAL COURSES	
GENAG	101	Ag Orientn –OR-	1
GENAG	200	College Careers	0
CHM	110	General Chemistry	3
CHM	111	Gen Chemistry Lab	1
ECON	110	Prin Macro Economics	3
ENGL	100		3
		Expository Writing I	
ENGL	200	Expository Writing II	3
MATH	100	College Algebra	3
COMM	105	Public Speaking IA 2 AGRICULTURE	
A CT	102	Prin Animal Science	2
ASI			3
FDSCI	302	Intro Food Science	3
		2 other AG Depts.)	
		nnot be applied)	
AGCOM -	AGCC	OM 400	
AGEC – A	GEC 1	20 to 420, 500 to 525, 590 to	632, 712
ATM – AT	<u>M 160</u>	to 329, 571, 572 to 661	
AGRON -	220.30	05, 330 to 385, 430, 501, 550). 630 to 660.
681 to 790	- , -		, ,
	ENTO	M 250 or 301, 300, 305, 312	2.314 to 620
$\frac{692 \text{ to } 767}{692 \text{ to } 767}$	LITIO	WI 250 01 501, 500, 505, 512	2, 514 to 020;
	DCC 1	00 to 120, 150, 305 to 510	602 + 661
			, 002 to 001,
710 to 737 ,			
		01 to 525, 535 to 625, 706 to	
FOR – FOI	R 210 t	o 311, 330 to 375, 510, 520,	643
RRES – RE	RES 21	0 to 490, 521 to 705	
PLPTH – F	PLPTH	500 to 745	
GENAG -	GENA	G 450	
021010			
	RI	ALACHCAL SCHENCES	
BIOI		OLOGICAL SCIENCES Principles of Biology	4
BIOL	198	Principles of Biology	4
BIOL	198 455	Principles of Biology General Microbiology	4
BIOL	198 455	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC	4
BIOL	198 455 HUMA	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours)	4 C E
BIOL	198 455 HUMA t be tak	Principles of Biology General Microbiology NITIES/SOCIAL SCIEN((Minimum 9 hours) ten from more than one depa	4 CE rtment)
BIOL (Mus (M	198 455 HUMA t be tak aximur	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance cou	4 CE rtment)
BIOL (Mus (Mr AMETH –	198 455 HUMA t be tak aximur AMET	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance cou 'H 160 to 501	4 CE rtment)
BIOL (Mus (Mus AMETH – ANTH – A	198 455 HUMA t be tak aximur AMET ny cou	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance cou YH 160 to 501 rse	4 CE rtment)
BIOL (Mus (Mr AMETH –	198 455 HUMA t be tak aximur AMET ny cou	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance cou YH 160 to 501 rse	4 CE rtment)
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BIOL (Mus (M AMETH – ANTH – A ARCH – A ART – Any	198 455 HUMA t be tak aximur AMET ny cou RCH 3 y course	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance con TH 160 to 501 rse 01 e	4 CE rtment) urses)
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BIOL (Mus (Mr AMETH – ANTH – A ARCH – A ARCH – Any DANCE – DEN – DE	198 455 HUMA t be tak aximur AMET ny cou RCH 3 y course DANC N 325,	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance con 'H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450	4 CE rtment) urses)
BIOL (Mus (Mr AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE – DEN – DE ECON - E	198 455 HUMA t be tak aximur AMET ny cou RCH 3 y course DANC N 325, CON 1	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance con 'H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799	4 CE rtment) irses) 5 to 690
BIOL (Mus (Mu AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE – DEN – DE ECON - E ECON - E	198 455 HUMA t be tak aximur AMET ny cou RCH 3 y course DANC N 325, CON 1 NGL 15	Principles of Biology General Microbiology NITTES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance con 'H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3	4 CE rtment) irses) 5 to 690 99, 420 to
BIOL (Mus (Mus AMETH – ANTH – A ARCH – A ARCH – A ARCT – Any DANCE – DEN – DE ECON - E ECON - E ENGL – EI 499, 536 to	198 455 HUMA t be tak aximur AMET ny cou RCH 3 y course DANC N 325, CON 1 NGL 15	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance con 'H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799	4 CE rtment) irses) 5 to 690 99, 420 to
BIOL (Mus (Mu AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE – DEN – DE ECON - E ECON - E ENGL – EI 499, 536 to 799	198 455 HUMA t be tak aximur AMET ny cou RCH 3 y course DANC N 325, CON 1 NGL 15 599, 6	Principles of Biology General Microbiology NITTES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance con 'H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to	4 CE rtment) irses) 5 to 690 99, 420 to
BIOL (Mus (M. AMETH – ANTH – A ARCH – A ARCH – A ARCT – Any DANCE – DEN – DE ECON - E ENGL – EI 499, 536 to 799 ENVD – E	198 455 HUMA t be tak aximur AMET ny course CON 325, CON 1 NGL 12 599, 6 NVD 2	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance con H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to 50, 251, 655, 670, 671	4 CE rtment) irses) 5 to 690 99, 420 to
BIOL (Mus (M. AMETH – ANTH – A ARCH – A ARCH – A ARCT – Any DANCE – DEN – DE ECON - E ENGL – EI 499, 536 to 799 ENVD – E	198 455 HUMA t be tak aximur AMET ny course CON 325, CON 1 NGL 12 599, 6 NVD 2	Principles of Biology General Microbiology NITTES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance con 'H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to	4 CE rtment) irses) 5 to 690 99, 420 to
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BIOL (Mus (Mu AMETH – ANTH – A ART – Any DANCE – DEN – DE ECON - E ENGL – El 499, 536 to 799 ENVD – E GEOG – G HIST – An	198 455 HUMA t be tak aximum AMET ny course DANC N 325, CON 1 NGL 12 5599, 6 NVD 2 EOG 1 y course	Principles of Biology General Microbiology NITTES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depan n 3 hours in performance con 'H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 ie	4 CE rtment) irses) 5 to 690 99, 420 to
BIOL (Mus (Mu AMETH – ANTH – A ART – Any DANCE – DEN – DE ECON - E ENGL – El 499, 536 to 799 ENVD – E GEOG – G HIST – An FSHS – At	198 455 HUMA t be tak aximur AMET ny course DANC N 325, CON 1 NGL 15 599, 6 NVD 2 EOG 1 y course ny course	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa in 3 hours in performance con H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 te rse	4 CE rtment) irses) 5 to 690 99, 420 to
BIOL (Mus (Mu AMETH – ANTH – A ARCH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ENGL – El 499, 536 to 799 ENVD – E GEOG – G HIST – An FSHS – As MUSIC –	198 455 HUMA t be tak aximur AMET ny course DANC N 325, CON 1 NGL 15 599, 6 NVD 2 EOG 1 y course ny course any course any course NVD 2	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa in 3 hours in performance con H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 te rse urse	4 CE rtment) irses) 5 to 690 99, 420 to 0 760, 790 to
BIOL (Mus (M. AMETH – ANTH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ENGL – EI 499, 536 to 799 ENVD – E GEOG – G HIST – An FSHS – At MUSIC – Modern La	198 455 HUMA t be tak aximur AMET ny course DANC N 325, CON 1 NGL 1: 599, 6 NVD 2 EOG 1 y course ny course ny course any course ny course ny course ny course ny course	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa in 3 hours in performance con H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 te rse urse e – Any course in ARAB, CH	4 CE rtment) urses) 5 to 690 99, 420 to 5 760, 790 to IINE, FREN,
BIOL (Mus (Mu AMETH – ANTH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ENGL – El 499, 536 to 799 ENVD – E GEOG – G HIST – An FSHS – As MUSIC – Modern La GRM, ITA	198 455 HUMA t be tak aximur AMET ny course DANC N 325, CON 1 NGL 1: 599, 6 NVD 2 EOG 1 y course ny course ny course any course ny course ny course ny course ny course	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa in 3 hours in performance con H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 te rse urse	4 CE rtment) urses) 5 to 690 99, 420 to 5 760, 790 to IINE, FREN,
BIOL (Mus (M. AMETH – ANTH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ENGL – EI 499, 536 to 799 ENVD – E GEOG – G HIST – An FSHS – A MUSIC – Modern La GRM, ITA URDU	198 455 HUMA t be tak aximur AMET ny courso CON 1 NGL 12 599, 6 NVD 2 EOG 1 y courso ny courso ny courso Any courso ny courso ny courso ny courso Any courso ny courso nguage L, JAP	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa in 3 hours in performance con H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 te rse urse e – Any course in ARAB, CH AN, LATIN, PORT, RUSSN	4 CE rtment) urses) 5 to 690 99, 420 to 5 760, 790 to IINE, FREN,
BIOL (Mus (M. AMETH – ANTH – A ARCH – A ARCH – A ARCH – A ARCH – A DEN – DE ECON - E ECON - E ENGL – EI 499, 536 to 799 ENVD – E GEOG – G HIST – An FSHS – A MUSIC – Modern La GRM, ITA URDU PHILO – A	198 455 HUMA t be tak aximur AMET ny cours CON 1 NGL 12 599, 6 NVD 2 EOG 1 y cours ny cours	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance con H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 se rse urse e – Any course in ARAB, CH AN, LATIN, PORT, RUSSN	4 CE rtment) urses) 5 to 690 99, 420 to 5 760, 790 to IINE, FREN,
BIOL (Mus (M. AMETH – ANTH – A ARCH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ENGL – El 499, 536 to 799 ENVD – E GEOG – G HIST – An FSHS – Ai MUSIC – Modern La GRM, ITA URDU PHILO – A POLSC – A	198 455 HUMA t be tak aximur AMET ny cours RCH 3 y cours DANC N 325, CON 1 NGL 12 5599, 6 NVD 2 EOG 1 y cours ny cour Any cours any cours any cours Any cours Any cours	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance con H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 se rse urse - Any course in ARAB, CH AN, LATIN, PORT, RUSSN	4 CE rtment) urses) 5 to 690 99, 420 to 5 760, 790 to IINE, FREN,
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BIOL (Mus (M. AMETH – ANTH – A ARCH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ENGL – EI 499, 536 to 799 ENVD – E GEOG – G HIST – An FSHS – A MUSIC – Modern La GRM, ITA URDU PHILO – A POLSC – A SOCIO – A	198 455 HUMA t be tak aximur AMET ny course CON 1 NGL 13 599, 6 NVD 2 EOG 1 y course ny course ny course ny course ny course any cou	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa in 3 hours in performance con H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 te rse urse e – Any course in ARAB, CH AN, LATIN, PORT, RUSSN rse urse urse	4 CE rtment) urses) 5 to 690 99, 420 to 5 760, 790 to IINE, FREN,
BIOL (Mus (M. AMETH – ANTH – A ARCH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ENGL – EI 499, 536 to 799 ENVD – E GEOG – G HIST – An FSHS – A MUSIC – Modern La GRM, ITA URDU PHILO – A POLSC – A PSYCH – A	198 455 HUMA t be tak aximur AMET ny cours RCH 3 y cours DANC N 325, CON 1 NGL 12 5599, 6 NVD 2 EOG 1 y cours ny cour Any cours Any cours Any cours Any cours Any cours Any cours Any cours Any cours Any cours Any cours	Principles of Biology General Microbiology NITIES/SOCIAL SCIENC (Minimum 9 hours) ten from more than one depa n 3 hours in performance con H 160 to 501 rse 01 e E 120 to 200, 225 to 420, 49 450 20-799 50, 210 to 299, 310, 320 to 3 05 to 660, 670 to 695, 700 to 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 te rse urse - Any course in ARAB, CH AN, LATIN, PORT, RUSSN rrse urse urse urse urse	4 CE rtment) urses) 5 to 690 99, 420 to 5 760, 790 to IINE, FREN,

ences & Industry Option: Animal Products THTRE – Any course WOMST – Any course **BUSINESS & ECONOMICS** ACCTG 3 231 Accounting Bus Ops (Plus 2 other courses, total 6 hours) AGEC - AGEC 202 to 420, 445 to 799 ACCTG - ACCTG 241 to 799 FINAN - Any course FSHS - FSHS 105 MANGT - Any course MKTG - Any course MATH/STAT/COMPUTERS (Minimum 6 hours) ASI - ASI 490 CIS - CIS 101 to 104 MATH - MATH 150, 205, 210, 211, 220, 221, 222 STAT - STAT 320, 325, 330, 340, 350 **COMMUNICATIONS** (Minimum 3 hours) AGCOM - AGCOM 310, 400, 410 COMM - COMM 311, 321, 322, 326 ENGL - ENGL 300, 516 GENAG - GENAG 450 MC - MC 110, 120, 211, 331 ANIMAL SCIENCE ASI 105 1 Animal Sciences & Ind ASI 106 Dairy/Poultry Lab 1 Fund. of Nutrition 3 ASI 318 ASI 350 Meat Science - OR-3 ASI 405 Fund Milk Processing 3 ASI 580 ASI Seminar 1 690 Principles of HACCP 2 FDSCI FDSCI 607 Food Microbiology 4 FDSCI 695 **OA** of Food Products 3 (Select 1 course) 515 3 ASI **Beef Science** 524 Sheep/Meat Goat Science 3 ASI 535 ASI Swine Science 3 ASI 621 Dairy Cattle Management 3 Poultry Management ASI 645 3 PHYSICAL SCIENCES BIOCH Intro Org & BioChem 5 265 PHYS 115 **Descriptive Physics** ANIMAL SCIENCE (Select 18 hours) ASI 315 Livestock & Meat Eval 3 ASI 361 Meat Animal Processing 2 2 ASI 370 Prin. Meat Evaluation 2 495 ASI Adv. Meat Eval 3 500 Genetics ASI Anatomy & Physiology 4 ASI 533 3 ASI 599 Internship 608 Dairy Food Processing Tech 3 ASI 2 610 Processed Meat Ops ASI ASI 640 Poultry Product Tech 3 ASI 777 Meat Technology 3 FDSCI 305 Fund Food Process 3 FDSCI 430 Food Product Eval 3 540 GRSC Intro Food Engni 3 GRSC 541 Intro Food Engnr Lab

GENERAL COURSES GENAG 101 Ag Orientn -OR-1 GENAG 200 College Careers 0 CHM General Chemistry 3 110 CHM 111 Gen Chemistry Lab 1 BIOL 198 Principles of Biology 4 ECON 110 Prin Macro Economics 3 ENGL Expository Writing I 3 100 ENGL 200 Expository Writing II 3 MATH 100 College Algebra 3 Public Speaking IA 2 COMM 105 AGRICULTURE (Select 2 courses from 2 other AG Depts. - min. 5 hrs) (1 hour courses cannot be applied) AGCOM – AGCOM 400 AGEC - Any AGEC course except AGEC 490 <u>ASI – ASI 660</u> ATM - Any ATM course AGRON Any AGRON course ENTOM - Any ENTOM course FDSCI – FDSCI 660 GRSC - Any GRSC course HORT - Any HORT course FOR - Any FOR course RRES - RRES 210 or above PLPTH - Any PLPTH course GENAG - GENAG 450, 505 BIOSCIENCES BIOCH 265 Intro Org & BioChem 5 General Microbiology BIOL 455 4 HUMANITIES/SOCIAL SCIENCE (Minimum 9 hours) (Must be taken from more than one department) (Maximum 3 hours in performance courses) AMETH - AMETH 160 to 501 ANTH - Any course ARCH - ARCH 301 ART - Any course DANCE - DANCE 120 to 200, 225 to 420, 495 to 690 DEN - DEN 325, 450 ECON - ECON 120-799 ENGL - ENGL 150, 210 to 299, 310, 320 to 399, 420 to 499, 536 to 599, 605 to 660, 670 to 695, 700 to 760, 790 to 799 ENVD - ENVD 250, 251 GEOG - GEOG 100, 200, 201, 300 to 799 HIST - Anv course FSHS - Any course MUSIC - Any course Modern Language - Any course in ARAB, CHINE, FREN, GRM, ITAL, JAPAN, LATIN, PORT, RUSSN, SPAN, URDU PHILO - Any course POLSC - Any course PSYCH - Any course SOCIO – Any course SOCWK - Any course DANCE - Any course THTRE – Any course WOMST - Any course

BUSINESS & ECONOMICS ACCTG 231 Accounting Bus Ops 3 (Select 4 other courses, min. 12 hours) AGEC - AGEC 202 to 420, 445 to 799 ACCTG - ACCTG 241 to 799 FINAN - Any course FSHS – FSHS 105 MANGT - Any course MKTG - Any course MATH/STATISTICS/COMPUTERS (Select 1) STAT 325 Intro Statistics 3 STAT 340 Biometrics I 3 STAT 350 Business Econ Statistics 3 (Minimum <u>3 hours</u>) ASI - ASI 490 CIS - CIS 101 to 104 MATH - MATH 150, 205, 210, 211, 220, 221, 222 STAT - STAT 341, 351 COMMUNICATIONS (Minimum 3 hours) AGCOM - AGCOM 310, 400, 410, 590 & 610 COMM - COMM 311, 321, 322, 326 ENGL - ENGL 300, 516 GENAG - GENAG 450 MC - MC 110, <u>111</u>, <u>112</u>, 120, & <u>180</u> ANIMAL & FOOD SCIENCE ASI 102 Prin Animal Science 3 ASI 105 Animal Sciences & Ind ASI 106 Dairy/Poultry Lab 1 Fund. of Nutrition ASI 318 3 ASI 580 ASI Seminar 1 FDSCI 302 Intro Food Science 3 FDSCI Principles of HACCP 690 2 FDSCI 607 Food Microbiology 4 FDSCI 695 QA of Food Products 3 (Select 1 course) ASI 350 Meat Science 3 ASI 405 Fund Milk Processing 3 (Select 1 course) ASI 515 Beef Science 3 Sheep/Meat Goat Science 3 ASI 524 ASI 535 Swine Science 3 Dairy Cattle Management 3 ASI 621 ASI 645 Poultry Management 3 (Select 18 hours) 315 Livestock & Meat Eval ASI 3 ASI 361 Meat Animal Processing 2 2 ASI 370 Prin. Meat Evaluation 2 495 Adv. Meat Evaluation ASI 500 3 Genetics ASI Animal Breeding 3 510 ASI 533 Anatomy & Physiology 4 ASI 608 Dairy Food Processing Tech 3 ASI 2 610 Processed Meat Ops ASI 3 ASI 640 Poultry Product Tech 650 I.D. Data Mngt Food Animal 2 ASI Behavior Domestic Animals 3 ASI 655 777 Meat Technology 3 ASI FDSCI 305 Fund Food Processing 3 FDSCI 430 Food Product Eval 3 FDSCI 603 Food Science Internship 1-3

RATIONALE:	The changes in this option are in response to a departmental teaching retreat. The options have been revised to provide more consistency across the curriculum and to strengthen requirements in response to employer concerns.
	Courses were added in business (6 hours) statistics (3 hours) and animal science electives were expanded to include courses which have a direct application to animal products.
	Physics 115 has been dropped due to scheduling problems for our students and to allow the addition of more business and statistics courses.
	We would also like to add more Journalism and Mass Communications classes under the 200-level to our Communications restricted electives list, to provide more options to our students and to better reflect what is available to our students in Journalism and Mass Communications.
IMPACT:	The Departments of Accounting (Richard Ott), Finance (Eric Higgins), Management (Chwen Sheu), Marketing (Kevin Gwinner), Economics (Bill Blankenau), and Family Studies and Human Services (Bill Meredith) have been contacted. Responses have not yet been received from these departments. The School of Journalism and Mass Communications (Charles Pearce) was contacted and has approved of the changes. The Department of Statistics (Jim Neill) was contacted and has responded with approval of the changes. The Department of Agricultural Economics (Arlo Biere) has been contacted and has approved of the change.

EFFECTIVE DATE: Fall 2011

FROM: B.S.: Agriculture Major: Animal Sciences & Industry Option: Bioscience/Biotechnology

	G	ENERAL COURSES	
GENAG	101	Ag Orientn –OR-	1
GENAG	200	College Careers	0
CHM	210	Chemistry I	4
ECON	110	Prin Macro Economics	3
ENGL	100	Expository Writing I	3
ENGL	200	Expository Writing II	3
COMM	105	Public Speaking IA AGRICULTURE	2
ASI	102	Prin Animal Science	3
ASI	105	Animal Sciences & Ind	1
ASI	106	Dairy/Poultry Lab	1
ASI	107	Comp Anml/Horse Lab	1
		other AG Depts. min. 5 hours)	1
		not be applied)	
AGCOM –			
			<2 2
712 AGEC – A	OEC 1	20 to 420, 500 to 525, 590 to (, 552,
ATM - AT	M 160 t	o 329, 571, 572 to 661	
AGRON – 2 681 to 790	220, 30 :	5, 330 to 385, 430, 501, 550, 630 to	660,
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$\frac{692 \text{ to } 767}{692 \text{ to } 767}$	ENTON	1 230 01 301, 300, 303, 312, 314 10	020,
		0 to 120, 150, 305 to 510, 602 to	661
710 to 737,			001,
		1 to 525, 535 to 625, 706 to 751	
		311, 330 to 375, 510, 520, 643	
		to 490, 521 to 705	
PLPTH – P			
FLPTH - P			
GENAG - C			
DIOI		DEOGICAL SCIENCES	4
BIOL	198	Principles of Biology	4
BIOL	455	General Microbiology	4
ASI	500	Genetics	3
ASI	533	Anatomy & Physiology	4
I	HUMA	NITIES/SOCIAL SCIENCE	
		(Minimum 9 hours)	
		en from more than one department)	
		3 hours in performance courses)	
AMETH - A	AMETH	H 160 to 501	
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DANCE – I	DANCE	E 120 to 200, 225 to 420, 495 to 690	
DEN – DEN			
ECON - EC			
ENGL – EN	IGL 15	0, 210 to 299, 310, 320 to 399, 420 to	0
	599, 60	5 to 660, 670 to 695, 700 to 760, 79	0 to
799			
		0, 251, 655, 670, 671	
		0, 200, 201, 300 to 799	
HIST – Any			
FSHS – An			
MUSIC - A			
		 Any course in ARAB, CHINE, FR N, LATIN, PORT, RUSSN, SPAN, 	EN,
URDU			
PHILO – A	ny cour	se	
POLSC – A			
PSYCH – A			
SOCIO – A			
SOCWK -			
DANCE - A			
THTRE – A			

		IOII. DIOSCIETICE/DIOTECTITION	Jgy
WOMST -			
		DSCIENCES/BIOTECH	
ASI	200		1
		(Select 4 courses)	
ASI	600	Applied Animal Biotechnology	2*
PLPTH	610	Biotechnology	3*
BIOL	-310-	Bioethics OR	3
GENAG	-450-	Cit Ethics in Agriculture	ት ት ት ት ት ት 3 3
ASI	510	Animal Breeding	3
ASI	658	Fund Animal Growth	3
BIOL		Modern Genetics	2
			2
	510	1 07	
-	511		1
	541	25	3
BIOL	671	Immunology	4
BIOL	671	Immunology Lab	2
* At least or	ne of thes	se biotech courses must be included in the	:
select 4.			
		CHEMISTRY	
		(Minimum 9 hours)	
CHM	230	Chemistry II	4
CHM	350	General Organic Chemistry	3
CHM	351		02
BIOCH		• •	3
BIOCH			2
ыосп			Z
(2)		SINESS & ECONOMICS	
(2 courses,			
		02 to 420, 445 to 799	
		G 231 to 799	
FINAN – A			
FSHS – FS			
MANGT -	-		
MKTG – A			
	PHYS	SICS/MATH/ STATISTICS	
		(Minimum 6 hours)	
		205, 210, 211, 220, 221, 222	
PHYS – P	HYS 11	3, 114	
STAT - S'	<u>FAT 34</u>	0, 341	
	(COMMUNICATIONS	
		(Minimum 3 hours)	
AGCOM -	- AGCC	OM 310, 400, 410	
COMM -	COMM	311, 321, 322, 326	
ENGL – E	NGL 30	00, 516	
		0, 180, 211, 331	
Modern La	anguage	- Any course in ARAB, CHINE, FR	EN,
		AN, LATIN, PORT, RUSSN, SPAN	
URDU			
		ANIMAL SCIENCE	
ASI	318	Fund. of Nutrition	3
ASI	400	Farm Animal Reproduction	4
ASI	520	Companion/Lab Animal Mngt	3
		1 0	
ASI	580	ASI Seminar	1
1.67	<u></u>	(Select 2 courses)	2
ASI	315	Livestock & Meat Eval	3
ASI	320	Principles of Feeding	3
ASI	350	Meat Science	3
ASI	361	Meat Animal Processing	2
ASI	405	Fund Milk Processing	3
ASI	601	Physiology of Lactation	3
			2
ASI	640	Poultry Product Tech	3 2 3 3 3 3
ASI	655	Behavior Domestic Animals	5
FDSCI	607	Food Microbiology	4
		(Select 1 course)	

ASI	515	Beef Science	3	ASI	595	Contemp Issues Anml Ag	3
ASI	521	Horse Science	3	ASI	621	Dairy Cattle Management	3
ASI	524	Sheep/Meat Goat Science	3	ASI	645	Poultry Management	3
ASI	535	Swine Science	3				

TO: B.S.: Agriculture Major: Animal Sciences & Industry Option: Bioscience/Biotechnology

	(GENERAL COURSES
GENAG	101	Ag Orientn –OR- 1
GENAG	200	College Careers 0
CHM	210	Chemistry I 4
BIOL	198	Principles of Biology 4
ECON	110	Prin Macro Economics 3
ENGL	100	Expository Writing I 3
ENGL	200	Expository Writing II 3
MATH	100	
COMM	105	Public Speaking IA 2
		AGRICULTURE
(Plus 2 co)urses -	2 other AG Depts. min. 5 hours)
		nnot be applied)
AGCOM -		
		EC course except AGEC 490
$AOLC - \underline{I}$ ASI - ASI		Ee course except AGLE 490
ASI - ASI ATM – <u>AI</u>		course
		<u>GRON course</u>
FDSCI – <u>A</u>		
		NTOM course
$GRSC - \underline{A}$		
HORT $-\underline{A}$		
FOR – <u>An</u>		
		0 <u>or above</u>
		PTH course
GENAG -		G 450, <u>505</u>
	HUMA	NITIES/SOCIAL SCIENCE
		(Minimum 9 hours)
		en from more than one department)
(M	laximun	n 3 hours in performance courses)
AMETH -	- AMET	H 160 to 501
ANTH – A	Any cou	rse
ARCH – A	ARCH 3	01
ART – An	y course	
DANCE -	DANC	E 120 to 200, 225 to 420, 495 to 690
DEN – DE	EN 325,	450
ECON - E	ECON 1	20-799
ENGL – E	NGL 15	50, 210 to 299, 310, 320 to 399, 420 to
499, 536 te	o 599, 6	05 to 660, 670 to 695, 700 to 760, 790 to
799		
ENVD – E	ENVD 2	50, 251
GEOG – C	GEOG 1	00, 200, 201, 300 to 799
HIST – Aı	ny cours	e
FSHS – A	iny cour	se
MUSIC -		
		– Any course in ARAB, CHINE, FREN,
		AN, LATIN, PORT, RUSSN, SPAN,
URDU	,	
PHILO – A	Anv cou	rse
POLSC -		
PSYCH -		
SOCIO –		
SOCWK -		
DANCE -		
THTRE -		
WOMST -		
	•	OSCIENCES/BIOTECH
ASI	200	
		General Microbiology 4
<i>пт</i> т		T

		221 0 1	
		(Minimum 9 hours)	
CHM	230	Chemistry II	4
CHM	350	General Organic Chemistry	3
CHM	351	General Organic Chemistry Lab	2
BIOCH	521	General Biochemistry	3
BIOCH	522	General Biochemistry Lab	2
		(Select 4 courses)	
ASI	600	Applied Animal Biotechnology	2*
PLPTH	610	Biotechnology	3*
BIOL	450	Modern Genetics	3
BIOL	510	Developmental Biology	3
BIOL	511	Developmental Biology Lab	1
BIOL	541	Cell Biology	3
BIOL	625	Animal Parasitology	<u>4</u> 4
BIOL	671	Immunology	4
BIOL	671	Immunology Lab	2
ENTOM	305	Animal Health Entomology	2
ENTOM	306	Animal Health Entomology Lab	1
PLPTH	611	Ag Biotechnology Lab	1 3 3
PLPTH	612	Genomics Applications	3
PLPTH	613	Bioinformatics Apps	2
* At least of	one of th	nese biotech courses must be include	ed in
the select 4	ŀ.		
	DTI	SINESS & ECONOMICS	

BUSINESS & ECONOMICS (2 courses, total 6 hours)

AGEC - AGEC 202 to 420, 445 to 799 ACCTG – ACCTG 231 to 799 FINAN – Any course FSHS – FSHS 105 MANGT – Any course MKTG – Any course

STATISTICS

(Select 1)

STAT	325	Intro to Statistics	3
		Biometrics I	
		Business & Econ Statistics	
		ICS/MATH/ <u>COMPUTERS</u>	

(Minimum <u>3</u> hours)

<u>ASI – ASI 490</u> <u>CIS – CIS 101, 102, 103, 104, 105</u> MATH – MATH 205, 210, 211, 220, 221, 222 PHYS – PHYS 113, 114

COMMUNICATIONS (Minimum 3 hours)

AGCOM – AGCOM 310, 400, 410, <u>590 & 610</u> COMM – COMM 311, 321, 322, 326 ENGL – ENGL 300, 516 MC – MC 110, <u>111</u>, <u>112</u>, 120, & 180 Modern Language – Any course in ARAB, CHINE, FREN, GRM, ITAL, JAPAN, LATIN, PORT, RUSSN, SPAN, URDU

ANIMAL SCIENCE

ASI	102	Prin Animal Science	3
ASI	105	Animal Sciences & Ind	1
ASI	106	Dairy/Poultry Lab	1
ASI	107	Comp Anml/Horse Lab	1
ASI	318	Fund. of Nutrition	3
ASI	400	Farm Animal Reproduction	4
ASI	500	Genetics	3
ASI	520	Companion/Lab Animal Mngt	3

ASI	533	Anatomy & Physiology	4	ASI	655	Behavior Domestic Animals	3
ASI	580	ASI Seminar	1	ASI	695	Equine Exercise Physiology	3
		(Select 2 courses)		FDSCI	607	Food Microbiology	4
ASI	315	Livestock & Meat Eval	3			(Select 1 course)	
ASI	320	Principles of Feeding	3	ASI	515	Beef Science	3
ASI	350	Meat Science	3	ASI	521	Horse Science	3
ASI	361	Meat Animal Processing	2	ASI	524	Sheep/Meat Goat Science	3
ASI	405	Fund Milk Processing	3				
ASI	510	Animal Breeding Principles	3				
ASI	540	Principles of Animal Disease	3				
ASI	595	Contemp Issues Anml Ag	3	ASI	535	Swine Science	3
ASI	601	Physiology of Lactation	3	ASI	621	Dairy Cattle Management	3
ASI	640	Poultry Product Tech	3	ASI	645	Poultry Management	3

RATIONALE: The changes in this option are in response to a departmental teaching retreat. The options have been revised to provide more consistency across the curriculum and to strengthen requirements in response to employer concerns.

This option includes adding an intro to statistics course (STAT 325, 340 or 350) and college algebra. The other main changes reflect dropping courses in the Biosciences/Biotechnology section which are no longer offered and adding ones that are. In addition, the animal science electives are restricted to allow students to specialize in a specie or discipline.

We would also like to add more Journalism and Mass Communications classes under the 200-level to our Communications restricted electives list, to provide more options to our students and to better reflect what is available to our students in Journalism and Mass Communications.

IMPACT:The Departments of Plant Pathology (Judy O'Mara), Entomology (Tom
Phillips), Statistics (Jim Neill), and Mathematics (Louis Pigno) have been
contacted and approve of the changes. The School of Journalism and Mass
Communications (Charles Pearce) was contacted and has approved of the
changes. The Division of Biology (David Rintoul) has been contacted; a
response has not yet been received.

EFFECTIVE DATE: Fall 2011

FROM: B.S.: Agriculture Major: Animal Sciences & Industry Option: Business

	G	ENERAL COURSES	
GENAG	101	Ag Orientn –OR-	1
GENAG	200	College Careers	0
CHM	110	General Chemistry	3
CHM	111	General Chemistry Lab	1
ECON	110	Prin Macro Economics	3
ENGL	100	Expository Writing I	3
ENGL	200	Expository Writing II	3
MATH	100	College Algebra	3
COMM	105	Public Speaking IA	2
		AGRICULTURE	
ASI	102	Prin Animal Science	3
AGEC	120	Ag Econ & Agribusiness	3
(Plus 3 co		2 other AG Depts. min. 8 hour	:s)
		annot be applied, cannot use cou	
from AGE		TT ,	
AGCOM -		OM 400	
) to 329, 571, 572 to 661	
		305, 330 to 385, 430, 501, 550,	630
to 660, 68	,		000
,		302, 305, 690	
		OM 250 or 301, 300, 305, 312,	314
to 620, 69			514
		, 100 to 120, 150, 305 to 510, 60	2 to
		750 to 785	2 10
		201 to 525, 535 to 625, 706 to 75	1
		to 311, 330 to 375, 510, 520, 643	
		10 to 490, 521 to 705	,
		Ho to 745	
GENAG -			
UENAU -		LOGICAL SCIENCES	
DIOI			4
BIOL ASI	198	Principles of Biology Genetics	4 3
ASI			5 4
	533 LIN A N	Anatomy & Physiology ITIES/SOCIAL SCIENCE	4
п		Minimum 9 hours)	
(Must F		n from more than one department	t)
		3 hours in performance courses))
		TH 160 to 501	
ANTH – A			
ARCH – A			
ARCH = P ART = An			
		CE 120 to 200, 225 to 420, 495 to	
690		CE 120 to 200, 225 to 420, 495 to	,
DEN – DE	ENI 225	450	
ECON - H			
		150, 210 to 299, 310, 320 to 399, o 599, 605 to 660, 670 to 695, 70	
	· · · · · ·		10
to 760, 79			
		250, 251, 655, 670, 671	
		100, 200, 201, 300 to 799	
HIST – A	•		
FSHS - A			
MUSIC -			Б
		e – Any course in ARAB, CHIN	с,
		AL, JAPAN, LATIN, PORT,	
RUSSN, S			
PHILO – A	Any co	urse	

POLSC - Any course PSYCH - Any course SOCIO - Any course SOCWK - Any course DANCE - Any course THTRE - Any course WOMST – Any course **BUSINESS & ECONOMICS** ACCTG 231 Acctg for Bus Ops 3 Acctg for Inv & Fin 3 ACCTG 241 (plus 6 courses, min. 18 hours) AGEC - AGEC 202 to 420, 445 to 799 ACCTG – ACCTG 331 to 799 ECON - ECON 500 to 799 FINAN - Any course FSHS - FSHS 105 MANGT - Any course MKTG - Any course MATH/STATISTICS/COMPUTERS (Minimum 3 hours) ASI – ASI 490 CIS - CIS 101, 102, 103, 104 MATH - MATH 150, 205, 210, 211, 220, 221, 222 STAT - STAT 320, 325, 330, 340, 350 **COMMUNICATIONS** (Minimum 3 hours) AGCOM - AGCOM 310, 400, 410 COMM - COMM 311, 321, 322, 326 ENGL – ENGL 300, 516 **GENAG - 450** MC – MC 110, 120, 211, 331 Modern Language - Any course in ARAB, CHINE, FREN, GRM, ITAL, JAPAN, LATIN, PORT, RUSSN, SPAN, URDU ANIMAL SCIENCE ASI 105 Animal Sciences & Ind 1 Dairy/Poultry Lab 1 ASI 106 Fund. of Nutrition 3 ASI 318 3 320 Principles of Feeding ASI Farm Animal Reproduction 4 ASI 400 ASI 580 ASI Seminar 1 (Select 1 course) 350 3 ASI Meat Science 2 ASI 361 Meat Animal Processing 3 Physiology of Lactation ASI 601 Poultry Product Tech ASI 640 3 (Select 1 course) ASI 315 Livestock & Meat Eval 3 ASL 405 Fund Milk Processing 3 FDSCI 607 Food Microbiology 4 (Select 2 courses) ASI 515 **Beef Science** 3 ASI 521 Horse Science 3 Sheep/Meat Goat Science 3 ASI 524 Swine Science 3 ASI 535 3 621 Dairy Cattle Management ASI 3 ASI 645 Poultry Management

TO: B.S.: Agriculture Major: Animal Sciences & Industry Option: BusinessGENERAL COURSESACCTG231Acctg for Bus Ops

	G	ENERAL COURSES	
GENAG	101	Ag Orientn –OR-	1
GENAG	200	College Careers	0
CHM	110	General Chemistry	3
CHM	111	General Chemistry Lab	1
BIOL	198	Principles of Biology	4
ECON	110	Prin Macro Economics	3
ENGL	100	Expository Writing I	3
ENGL	200		3
MATH	100	College Algebra	3
COMM	105	Public Speaking IA	2
		AGRICULTURE	
AGEC	120	Ag Econ & Agribusiness	3
(Plus <u>2</u> cou	rses - 2	2 other AG Depts. min. <u>5</u> hours)	
(1 hour cou	irses ca	nnot be applied, cannot use courses	from
AGEC)			
AGCOM -		M 400	
ASI – <u>ASI</u>			
ATM – <u>An</u>			
		GRON course	
FDSCI – <u>A</u>		<u>NTOM course</u>	
GRSC - AI			
HORT – <u>A</u>			
FOR $-Any$			
RRES – RF			
PLPTH - A			
GENAG -			
		BIOSCIENCES	
ASI	500	Genetics	3
ASI	533	Anatomy & Physiology	4
H	UMAN	NITIES/SOCIAL SCIENCE	
H	UMAN	NITIES/SOCIAL SCIENCE (Minimum 9 hours)	
(Mus	t be tak	(Minimum 9 hours) en from more than one department)	
(Mus (Ma	t be tak aximun	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses)	
(Mus (Ma AMETH –	t be tak aximun AMET	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501	
(Mus (Ma AMETH – ANTH – A	t be tak aximum AMET ny cour	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 rse	
(Mus (Ma AMETH – ANTH – A ARCH – A	t be tak aximum AMET ny cour RCH 3((Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 rse 01	
(Mus (Ma AMETH – ANTH – A ARCH – A ART – Any	t be tak aximum AMET ny cour RCH 30 7 course	(Minimum 9 hours) en from more than one department) n 3 hours in performance courses) H 160 to 501 (se 01	
(Mus (Ma AMETH – ANTH – A ARCH – A ART – Any DANCE –	t be tak aximum AMET ny cour RCH 30 7 course DANC	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 rse 01 E 120 to 200, 225 to 420, 495 to 690	
(Mus (Ma AMETH – ANTH – A ARCH – A ART – Any DANCE – DEN – DE	t be tak aximum AMET ny cour RCH 30 course DANCI N 325, 4	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 rse D1 E 120 to 200, 225 to 420, 495 to 690 450	
(Mus (Ma AMETH – ANTH – A ARCH – A ART – Any DANCE – DEN – DEI ECON - E	t be tak aximum AMET ny cour RCH 3(course DANCI N 325, CON 12	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 (se 01 E 120 to 200, 225 to 420, 495 to 690 450 20-799	0
(Mus (Ma AMETH – ANTH – A ART – Any DANCE – DEN – DEJ ECON - ECON – ECON	t be tak aximum AMET ny cour RCH 30 course DANCI DANCI N 325, CON 12 NGL 15	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 rse D1 E 120 to 200, 225 to 420, 495 to 690 450	
(Mus (Ma AMETH – ANTH – A ART – Any DANCE – DEN – DEJ ECON - ECON – ECON	t be tak aximum AMET ny cour RCH 30 course DANCI DANCI N 325, CON 12 NGL 15	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 rse D1 E 120 to 200, 225 to 420, 495 to 690 450 20-799 60, 210 to 299, 310, 320 to 399, 420 t	
(Mus (Ma AMETH – ANTH – A ARCH – A ART – Any DANCE – I DEN – DEI ECON - E4 ENGL – E1 499, 536 to 799 ENVD – E1	t be tak aximun AMET ny cour RCH 30 course DANCI N 325, - CON 12 NGL 15 599, 60	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 se D1 E 120 to 200, 225 to 420, 495 to 690 450 20-799 50, 210 to 299, 310, 320 to 399, 420 to 55 to 660, 670 to 695, 700 to 760, 79	
(Mus (Ma AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE – I DEN – DEI ECON - E4 ENGL – E1 499, 536 to 799 ENVD – E1 GEOG – G	t be tak aximum AMET ny cour RCH 30 / course DANCI N 325, - CON 12 SOP, 60 NVD 22 EOG 10	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 se D1 E 120 to 200, 225 to 420, 495 to 690 450 20-799 50, 210 to 299, 310, 320 to 399, 420 t D5 to 660, 670 to 695, 700 to 760, 79 50, 251 00, 200, 201, 300 to 799	
(Mus (Ma AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE – I DEN – DEI ECON - EI ENGL – EI 499, 536 to 799 ENVD – EI GEOG – G HIST – Any	t be tak aximum AMET ny cours RCH 30 7 course DANCI N 325, 4 CON 12 SOS 10 SOS 10 EOG 10 y course	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 se D1 E 120 to 200, 225 to 420, 495 to 690 450 20-799 50, 210 to 299, 310, 320 to 399, 420 to D5 to 660, 670 to 695, 700 to 760, 79 50, 251 00, 200, 201, 300 to 799 e	
(Mus (Ma AMETH – ANTH – A ARCH – A ARCH – A DEN – DE ECON - E ENGL – E 499, 536 to 799 ENVD – E GEOG – G HIST – An FSHS – An	t be tak aximum AMET ny cours RCH 30 7 course DANCI N 325, - CON 12 SOS 15 599, 60 NVD 22 EOG 10 y course ny course	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 se D1 E 120 to 200, 225 to 420, 495 to 690 450 20-799 50, 210 to 299, 310, 320 to 399, 420 t D5 to 660, 670 to 695, 700 to 760, 79 50, 251 D0, 200, 201, 300 to 799 e se	
(Mus (Mas AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE – I DEN – DEI ECON - E4 ENGL – E1 499, 536 to 799 ENVD – E1 GEOG – G HIST – Any FSHS – An MUSIC – 2	t be tak aximum AMET ny course CON 30 course DANCI N 325, - CON 12 S99, 60 S99, 60 NVD 2: EOG 10 y course ny course Any course	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 se 01 E 120 to 200, 225 to 420, 495 to 690 450 20-799 50, 210 to 299, 310, 320 to 399, 420 t 05 to 660, 670 to 695, 700 to 760, 79 50, 251 00, 200, 201, 300 to 799 e se urse	0 to
(Mus (Mas AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE – I DEN – DEI ECON - E0 ENGL – E1 499, 536 to 799 ENVD – E1 GEOG – G HIST – Any FSHS – An MUSIC – J Modern La	t be tak aximum AMET ny course CON 30 course DANCI N 325, 4 CON 12 S99, 60 NVD 2 EOG 10 y course ny course Any course Any course	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 se D1 E 120 to 200, 225 to 420, 495 to 690 450 20-799 50, 210 to 299, 310, 320 to 399, 420 t D5 to 660, 670 to 695, 700 to 760, 79 50, 251 00, 200, 201, 300 to 799 e se urse – Any course in ARAB, CHINE, FR	0 to EN,
(Mus (Ma AMETH – ANTH – A ARCH – A ARCH – A ARCH – A DEN – DE ECON - E ENGL – E 499, 536 to 799 ENVD – E GEOG – G HIST – An FSHS – An MUSIC – J Modern La GRM, ITA	t be tak aximum AMET ny course CON 30 course DANCI N 325, 4 CON 12 S99, 60 NVD 2 EOG 10 y course ny course Any course Any course	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 se 01 E 120 to 200, 225 to 420, 495 to 690 450 20-799 50, 210 to 299, 310, 320 to 399, 420 t 05 to 660, 670 to 695, 700 to 760, 79 50, 251 00, 200, 201, 300 to 799 e se urse	0 to EN,
(Mus (Mas AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE – I DEN – DEI ECON - EU ENGL – EI 499, 536 to 799 ENVD – EI GEOG – G HIST – Any FSHS – An MUSIC – J Modern La GRM, ITAJ URDU	t be tak aximum AMET ny course CON 30 v course DANCI N 325, 4 CON 12 S99, 60 NVD 2 EOG 10 y course ny course Any course Any course Any course Any course	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 se 01 E 120 to 200, 225 to 420, 495 to 690 450 20-799 50, 210 to 299, 310, 320 to 399, 420 t 05 to 660, 670 to 695, 700 to 760, 79 50, 251 00, 200, 201, 300 to 799 e se urse – Any course in ARAB, CHINE, FR AN, LATIN, PORT, RUSSN, SPAN,	0 to EN,
(Mus (Mas AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE – I DEN – DEI ECON - EI ENGL – EI 499, 536 to 799 ENVD – EI GEOG – G HIST – Any FSHS – An MUSIC – J Modern La GRM, ITAJ URDU PHILO – A	t be tak aximum AMET ny course CON 30 course DANCI N 325, 4 CON 12 S99, 60 NVD 2: EOG 10 y course ny course Any course Any course L, JAP4	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 se 01 E 120 to 200, 225 to 420, 495 to 690 450 20-799 50, 210 to 299, 310, 320 to 399, 420 t 05 to 660, 670 to 695, 700 to 760, 79 50, 251 00, 200, 201, 300 to 799 e se urse – Any course in ARAB, CHINE, FR AN, LATIN, PORT, RUSSN, SPAN,	0 to EN,
(Mus (Mas AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE – I DEN – DEI ECON - EU ENGL – EI 499, 536 to 799 ENVD – EI GEOG – G HIST – Any FSHS – An MUSIC – J Modern La GRM, ITAJ URDU	t be tak aximum AMET ny course RCH 30 course DANCI N 325, 4 CON 12 S99, 60 NVD 2: EOG 10 y course ny course Any course L, JAP4 any course	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 se 01 E 120 to 200, 225 to 420, 495 to 690 450 20-799 50, 210 to 299, 310, 320 to 399, 420 t 05 to 660, 670 to 695, 700 to 760, 79 50, 251 00, 200, 201, 300 to 799 e se urse – Any course in ARAB, CHINE, FR AN, LATIN, PORT, RUSSN, SPAN, rse	0 to EN,
(Mus (Mas (Ma AMETH – ANTH – A ARCH – A ARCH – A ARCH – A DEN – DEI ECON - EU ENGL – EI 499, 536 to 799 ENVD – EI GEOG – G HIST – An FSHS – An MUSIC – A MODER LA GRM, ITAJ URDU PHILO – A POLSC – A SOCIO – A	t be tak aximum AMET ny course RCH 30 course DANCI N 325, 4 CON 12 S99, 60 NVD 2: EOG 10 y course ny course Any course	(Minimum 9 hours) en from more than one department) a 3 hours in performance courses) H 160 to 501 se 01 E 120 to 200, 225 to 420, 495 to 690 450 20-799 50, 210 to 299, 310, 320 to 399, 420 t 05 to 660, 670 to 695, 700 to 760, 79 50, 251 00, 200, 201, 300 to 799 e se urse – Any course in ARAB, CHINE, FR AN, LATIN, PORT, RUSSN, SPAN, rse rse urse	0 to EN,
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ACCTG	231	Acctg for Bus Ops	3
ACCIG	241	Acctg for Inv & Fin	3
(plus 6 cou	rses, mi	n. 18 hours)	
ÂGEC - A	GEC 20	02 to 420, 445 to 799	
ACCTG -	ACCTO	331 to 799	
ECON – E	CON 50	10 to 799	
FINAN – A	Any cou	rse	
FSHS – FS	HS 105		
MANGT -	Any co	urse	
MKTG – A			
M	ATH/S	TATISTICS/COMPUTERS	
		(Minimum 3 hours)	
ASI – ASI			
CIS – CIS			
		50, 205, 210, 211, 220, 221, 222	
STAT – ST		0, 325, 330, 340, 350	
	C	OMMUNICATIONS	
	1000	(Minimum 3 hours)	
		M 310, 400, 410, <u>590, 610, 712</u>	
ENGL – E		311, 321, 322, 326	
GENAG -		0, 516	
		<u>1, 112, 120, 180</u>	
		<u>- Any course in ARAB, CHINE, F</u>	DEN
		AN, LATIN, PORT, RUSSN, SPAN	
URDU	L, JAI /	AN, LATIN, FORT, RUSSIN, SLAP	۰,
UNDU	Δ	NIMAL SCIENCE	
ASI		Prin Animal Science	3
ASI		Fund. of Nutrition	3
			3
ASI		Principles of Feeding	
ASI		Farm Animal Reproduction	4
ASI	580	ASI Seminar	1
	105	(Select 2 courses)	
ASI	105	Animal Sciences & Ind	ļ
		Dairy/Poultry Lab	
ASI	107	Companion Anml/Horse Lab	1
		(Select 1 course)	
ASI	350	Meat Science	3
ASI	361	Meat Animal Processing	2
ASI	405	Fund Milk Processing	3
ASI	640	Poultry Product Tech	3
FDSCI	305	Fund of Food Processing	3
		(Select 2 courses)	
ASI	515	Beef Science	3
ASI	520	Companion/Lab Anml Mngt	3
ASI	521	Horse Science	3
ASI	524	Sheep/Meat Goat Science	3
ASI	535	Swine Science	3
ASI	621	Dairy Cattle Management	3
ASI	645	Poultry Management	3
ASI	045	(Minimum 9 hours)	5
ASI	315	Livestock & Meat Eval	3
			3
ASI	<u>504</u>	Equine Repro Mngt	
ASI	<u>510</u>	Animal Breeding Pr.	3
ASI	512	Bovine Repro Tech	2 3
ASI	540	Prin Animal Disease	<u> </u>
ASI	595	Contemp Issues ASI	<u>3</u> 2
ASI	600	Applied Animal Biotech	2
ASI	601	Physiology of Lactation	3
ASI	602	Equine Breeding/Genetics	2

ASI	610	Processed Meat Ops	2	ASI	680-685	Ruminant Modules	1-6
ASI	620	Lvstk Prod & Mngmt	2	ASI	695	Equine Exercise Physiol	3
ASI	650	Id Data Management	2	ASI	710	Phys Repro Farm Anml	3
ASI	655	Behavior Domst Anml	3				
ASI	675-679	Non-Ruminant Modules	1-4	ASI	777	Meat Technology	3

RATIONALE: The changes in this option are in response to a departmental teaching retreat. The options have been revised to provide more consistency across the curriculum and to strengthen requirements in response to employer concerns. This option is changed to meet the needs of our students and allows the student to specialize within a species by restricted elective selection. Agriculture classes outside of the department have been reduced from 3 courses (minimum 9 hours) to 2 courses (minimum 5 hours). The amount of agriculture hours outside of a student's major is consistent with most majors in the college. We would also like to add more Journalism and Mass Communications classes under the 200-level to our Communications restricted electives list, to provide more options to our students and to better reflect what is available to our students in Journalism and Mass Communications. **IMPACT:** The School of Journalism and Mass Communications (Charles Pearce) was contacted and has approved of the changes. **EFFECTIVE DATE:** Fall 2011

FROM: B.S.: Agriculture Major: Animal Sciences & Industry Option: Communications GENERAL COURSES SOCIO – Any course

	GI	ENERAL COURSES	
GENAG	101	Ag Orientn –OR-	1
GENAG	200	College Careers	0
CHM	110	General Chemistry	3
CHM	111	General Chemistry Lab	1
ECON	110	Prin Macro Economics	3
ENGL	100	Expository Writing I	3
ENGL	200	Expository Writing II	3
			3
MATH	100	College Algebra	2 2
COMM	105	Public Speaking IA	2
	100	AGRICULTURE	
ASI	102	Prin Animal Science	3
		2 other AG Depts. min. 11 hou	
		annot be applied, cannot use cou	irses
from AGC	COM)		
ATM – AT	ГМ 16 () to 329, 571, 572 to 661	
AGEC – AG	GEC 12	0 to 420 <u>.</u> 500 to 525, 590 to 632, 71	2
AGRON -	- 220, 2	305, 330 to 385, 430, 501, 550,	630
to 660, 68			
		302, 305, 690	
		OM 250 or 301, 300, 305, 312,	314
to 620, 692			514
		7 100 to 120, 150, 305 to 510, 60	0.4-
			12 to
661, 710 to			
		201 to 525, 535 to 625, 706 to 75	
		to 311, 330 to 375, 510, 520, 643	3
RRES - R	RES 2	10 to 490, 521 to 705	
PLPTH -	PLPTH	<u>I 500 to 745</u>	
GENAG -	GENA	AG 450	
		LOGICAL SCIENCES	
BIOL			4
BIOL	198	Principles of Biology	4
ASI	198 500	Principles of Biology Genetics	3
ASI ASI	198 500 533	Principles of Biology Genetics Anatomy & Physiology	-
ASI ASI	198 500 533 J MAN	Principles of Biology Genetics Anatomy & Physiology ITIES/SOCIAL SCIENCE	3
ASI ASI HU	198 500 533 J MAN (Principles of Biology Genetics Anatomy & Physiology ITIES/SOCIAL SCIENCE Minimum 9 hours)	3 4
ASI ASI (Must b	198 500 533 U MAN (e taker	Principles of Biology Genetics Anatomy & Physiology ITIES/SOCIAL SCIENCE Minimum 9 hours) a from more than one department	3 4
ASI ASI (Must b (Max	198 500 533 UMAN (be taker imum 3	Principles of Biology Genetics Anatomy & Physiology ITIES/SOCIAL SCIENCE Minimum 9 hours) a from more than one department 3 hours in performance courses)	3 4
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ASI ASI (Must b (Max AMETH – ANTH – A ARCH – A ART – An DANCE –	198 500 533 UMAN (0 be taken imum 3 - AME Any cou	Principles of Biology Genetics Anatomy & Physiology ITIES/SOCIAL SCIENCE Minimum 9 hours) a from more than one department bours in performance courses) TH 160 to 501 urse 301	3 4 t)
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ASI ASI (Must b (Max AMETH – ANTH – A ARCH – A ARCH – A ARCT – An DANCE – 690 DEN – DE ECON - E ENGL – E 420 to 499 to 760, 790 ENVD – E	198 500 533 UMAN (be taken imum 3 - AME Any cours - AME Any cours - AME - AME	Principles of Biology Genetics Anatomy & Physiology ITIES/SOCIAL SCIENCE Minimum 9 hours) a from more than one department 3 hours in performance courses) TH 160 to 501 arse 301 se CE 120 to 200, 225 to 420, 495 to , 450 120-799 50, 210 to 299, 310, 320 to 399, o 599, 605 to 660, 670 to 695, 70 9	3 4 t)
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		Option: Communications	
SOCIO -			
SOCWK -	– Any d	course	
DANCE -			
THTRE -	Any c	ourse	
WOMST			
	•	INESS & ECONOMICS	
ACCTG		Acctg for Bus Ops	3
		otal 3 hours)	0
		202 to 420, 445 to 799	
		FG 241 to 799	
FINAN –			
FSHS - F			
MANGT -			
MKTG – .			
		TATISTICS/COMPUTERS	
IVIA			
		(Minimum 3 hours)	
ASI - ASI		02 102 104	
		02, 103, 104	
		[150, 205, 210, 211, 220, 221, 22	22
STAT - S		20, 325, 330, 340, 350	
		OMMUNICATIONS	
MC	110		3
MC	200	News & Feature Writing	3
MC	200 241	Editing & Design	3
MC	303	Adv News & Feature Writing	3
MC	466	Law of Mass Communications	3
		(Select 1)	
MC	120	Principles of Advertising	3
MC	180	Fund of Public Relations	3
		~ ~ ~ ` `	
	((Minimum 3 hours)	
MC – MC			
MC – MC	400 to	799	
	400 to	o 799 (Minimum 3 hours)	
AGCOM	400 to - Any) 799 (Minimum 3 hours) Course	
AGCOM - COMM -	400 to Any C	9 799 (Minimum 3 hours) Course ourse	
AGCOM	400 to Any Any C Cours	9 799 (Minimum 3 hours) Course Jourse Se	
AGCOM - COMM - MC - Any	400 to Any Any C Cours	o 799 (Minimum 3 hours) Course Jourse Se ANIMAL SCIENCE	1
AGCOM - COMM - MC - Any ASI	2 400 to – Any C Any C 7 Cours A 105	o 799 (Minimum 3 hours) Course Jourse Se ANIMAL SCIENCE Animal Sciences & Ind	
AGCOM - COMM - MC - Any ASI ASI	2 400 to - Any C Any C y Course A 105 106	o 799 (Minimum 3 hours) Course Jourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab	1
AGCOM - COMM - MC - Any ASI ASI ASI	400 to - Any C Any C y Course A 105 106 320	o 799 (Minimum 3 hours) Course ourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding	1 3
AGCOM - COMM - MC - Any ASI ASI ASI ASI	2 400 to - Any C Any C / Course / Course / 105 106 320 400	o 799 (Minimum 3 hours) Course Jourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction	1 3 4
AGCOM - COMM - MC - Any ASI ASI ASI	400 to - Any C Any C y Course A 105 106 320	o 799 (Minimum 3 hours) Course ourse se NIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar	1 3
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI	400 tc Any C Any C Cours A 105 106 320 400 580	o 799 (Minimum 3 hours) Course ourse se NIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course)	1 3 4 1
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI	400 tc Any C Any C 7 Cours 105 106 320 400 580 350	o 799 (Minimum 3 hours) Course ourse se NIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science	1 3 4 1 3
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI	400 tc Any C Any C 7 Cours 105 106 320 400 580 350 361	(Minimum 3 hours) Course ourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing	1 3 4 1 3 2
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI	400 tc Any C Any C 7 Cours 105 106 320 400 580 350	(Minimum 3 hours) Course ourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation	1 3 4 1 3
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI	400 tc Any C Any C Course Any C Course A 105 106 320 400 580 350 361 601	(Minimum 3 hours) Course ourse ourse ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses)	1 3 4 1 3 2 3
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI	400 tc - Any C Any C 7 Cours 105 106 320 400 580 350 361 601 315	(Minimum 3 hours) Course ourse ourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval	1 3 4 1 3 2 3 3
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI	400 tc - Any C Any C 7 Course 7 Course 7 Any C 7 Course 7 Any C 7 Course 7 Any C 7 Course 7 Any C 7	(Minimum 3 hours) Course ourse ourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing	1 3 4 1 3 2 3 3
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	400 tc Any C Any C 7 Cours 7 Cours 7 Cours 7 Any C 7 Cours 7 Cours	(Minimum 3 hours) Course ourse ourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing Animal Breeding Principles	1 3 4 1 3 2 3 3
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	400 tc Any C Any C 7 Cours 7 Cours 7 Cours 7 Any C 7 Any C 7 Cours 7 Any C 7 Cours 7 Any C 7 Any C 7 Cours 7 Cours	(Minimum 3 hours) Course ourse ourse Se NIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing Animal Breeding Principles Poultry Product Tech	1 3 4 1 3 2 3 3
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	400 tc Any C Any C 7 Cours 7 Cours 7 Cours 7 Any C 7 Any C 7 Cours 7 Any C 7 Any C 7 Any C 7 Cours 7 Any C 7 Any C	(Minimum 3 hours) Course ourse ourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing Animal Breeding Principles Poultry Product Tech Behavior Domest Anmls	1 3 4 1 3 2 3 3 3 3 3 3 3 3 3 3
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	400 tc Any C Any C 7 Cours 7 Cours 7 Cours 7 Any C 7 Any C 7 Cours 7 Any C 7 Cours 7 Any C 7 Any C 7 Cours 7 Cours	 799 (Minimum 3 hours) Course Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing Animal Breeding Principles Poultry Product Tech Behavior Domest Anmls Food Microbiology 	1 3 4 1 3 2 3 3
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	400 tc Any C Any C Cours 7 Cours 7 Cours 7 Cours 7 Cours 7 Any C 7	(Minimum 3 hours) Course ourse ourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing Animal Breeding Principles Poultry Product Tech Behavior Domest Anmls Food Microbiology (Select 2 courses)	$ \begin{array}{c} 1 \\ 3 \\ 4 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 4 \\ \end{array} $
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	400 tc Any C Any C 7 Cours 7 Cours 7 Cours 7 Cours 7 Any C 7 Any C	 799 (Minimum 3 hours) Course animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing Animal Breeding Principles Poultry Product Tech Behavior Domest Anmls Food Microbiology (Select 2 courses) Beef Science 	$ \begin{array}{c} 1 \\ 3 \\ 4 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4$
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	400 tc Any C Any C 7 Cours 7 Cours 7 Cours 7 Cours 7 Any C 7 Any C	 799 (Minimum 3 hours) Course animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing Animal Breeding Principles Poultry Product Tech Behavior Domest Anmls Food Microbiology (Select 2 courses) Beef Science Horse Science 	$ \begin{array}{c} 1 \\ 3 \\ 4 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4$
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	400 tc Any C Any C 7 Cours 7 Cours 7 Cours 7 Cours 7 Any C 7 Any C	 799 (Minimum 3 hours) Course animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing Animal Breeding Principles Poultry Product Tech Behavior Domest Anmls Food Microbiology (Select 2 courses) Beef Science 	$ \begin{array}{c} 1 \\ 3 \\ 4 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4$
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	400 tc Any C Any C 7 Cours 7 Cours 7 Cours 7 Cours 7 Any C 7 Any C	 799 (Minimum 3 hours) Course animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing Animal Breeding Principles Poultry Product Tech Behavior Domest Anmls Food Microbiology (Select 2 courses) Beef Science Horse Science 	$ \begin{array}{c} 1 \\ 3 \\ 4 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4$
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	2 400 tc - Any C Any C 7 Cours 7 Cours 7 Cours 7 Cours 7 Any C 7 Any C 7 Any C 7 Cours 7 Any C 7 An	(Minimum 3 hours) Course ourse ourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing Animal Breeding Principles Poultry Product Tech Behavior Domest Anmls Food Microbiology (Select 2 courses) Beef Science Horse Science Sheep/Meat Goat Science	$ \begin{array}{c} 1 \\ 3 \\ 4 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 3 \\ 3 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4$
AGCOM - COMM - MC - Any ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	2 400 tc - Any C Any C 7 Course 7 Course 7 Course 7 Course 7 Any C 7 Any C 7 Any C 7 Course 7 Any C 7 Course 7 Any C 7 Course 7 Any C 7 Any	(Minimum 3 hours) Course ourse ourse Se ANIMAL SCIENCE Animal Sciences & Ind Dairy/Poultry Lab Principles of Feeding Farm Animal Reproduction ASI Seminar (Select 1 course) Meat Science Meat Animal Processing Physiology of Lactation (Select 2 courses) Livestock & Meat Eval Fund Milk Processing Animal Breeding Principles Poultry Product Tech Behavior Domest Anmls Food Microbiology (Select 2 courses) Beef Science Horse Science Sheep/Meat Goat Science Swine Science	$ \begin{array}{c} 1 \\ 3 \\ 4 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 4 \\ \end{array} $

TO: B.S.: Agriculture Major: Animal Sciences & Industry Option: Communications GENERAL COURSES MANGT – Any course

10		ENERAL COURSES	mai So
CENAC		ENERAL COURSES	1
GENAG	101	Ag Orientn –OR-	1
GENAG	200	College Careers	$0 \\ 2$
CHM	110	General Chemistry	3
CHM	111	General Chemistry Lab	1
ECON	198	Principles of Biology Prin Macro Economics	4 3
ENGL	100	Expository Writing I	3
ENGL	200		3
MATH	100		3
COMM	100	Public Speaking IA	2
COMM	105	AGRICULTURE	2
(Select 4 (rourses	- 2 other AG Depts. min. 11 hour	·s)
		nnot be applied, cannot use course	
AGCOM)			5 110111
<u>ASI – ASI</u>	660		
ATM – An		course	
		EC course except AGEC 490	
		GRON course	
FDSCI – <u>A</u>			
		NTOM course	
GRSC – <u>A</u>			
HORT – <u>A</u>	ny HOI	<u>RT course</u>	
FOR – <u>An</u>	y FOR c	course	
RRES – RI	RES 210) <u>or above</u>	
PLPTH – A	Any PLI	PTH course	
GENAG -	GENA	G 450, <u>505</u>	
	HUMA	NITIES/SOCIAL SCIENCE	
		(Minimum 9 hours)	
		en from more than one department)
		n 3 hours in performance courses)	
		H 160 to 501	
ANTH – A			
ARCH – A			
ART – An			
		E 120 to 200, 225 to 420, 495 to 69	0
DEN – DE			
ECON - E	CON L NCL 15	20-799 30-210 to 200-210-220 to 200-420) to
		50, 210 to 299, 310, 320 to 399, 420	
499, 550 it 799) 399, 0	05 to 660, 670 to 695, 700 to 760, 7	/9010
ENVD – E		50 251	
EIVD = E	FOG 1	00, 200, 201, 300 to 799	
HIST – An			
FSHS – A	-		
MUSIC -			
		– Any course in ARAB, CHINE, I	FREN.
		AN, LATIN, PORT, RUSSN, SPA	
URDU			,
PHILO – A	Any cou	rse	
POLSC - A			
PSYCH-			
SOCIO – A	Any cou	rse	
SOCWK -			
DANCE -			
THTRE – .	Any cou	irse	
WOMST -	- Any co	ourse	
	BUS	INESS & ECONOMICS	
ACCTG	231	Acctg for Bus Ops	3
(plus 1 cou	ırse, tot	tal 3 hours)	
		02 to 420, 445 to 799	
		G 241 to 799	
FINAN – A			
FSHS – FS	SHS 105		

	- Any co	burse	
MKTG – A	Any cou	rse	
I	MATH/	STATISTICS/COMPUTERS	
		(Minimum 3 hours)	
ASI – ASI			
		2, 103, 104	
		150, 205, 210, 211, 220, 221, 222	
STAT - S		0, 325, 330, 340, 350	
		COMMUNICATIONS	
MC	110	Mass Comm in Society	3
MC	200	News & Feature Writing	3
MC	241		3
MC	303	0	3
MC		News Design	<u>3</u> 3
MC	466	Law of Mass Communications	3
		(Select 1)	
MC	111		3
MC		Web Comm in Society	3
MC	120		
MC	180	Fund of Public Relations 3	
		(Minimum 3 hours)	
MC – MC	400 to 7	799	
		(Minimum 3 hours)	
AGCOM -			
COMM -			
MC – Any			
		ANIMAL SCIENCE	
ASI	102	Prin Animal Science	3
ASI ASI	318	Fundamentals of Nutrition	3
ASI	400	Fundamentals of Nutrition Farm Animal Reproduction	4
ASI	500	Genetics	3
ASI	533	Anatomy & Physiology	4
		ASI Seminar	1
		(C-1	
		<u>.</u>	
ASI	105	Animal Sciences & Ind	1
ASI ASI	105 106	(Select 1 course) Animal Sciences & Ind Dairy/Poultry Lab	1 1
ASI	106	Dairy/Poultry Lab	1
ASI	106	Dairy/Poultry Lab Companion Anml/Horse Lab	1
ASI ASI	106 107	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course)	1
ASI ASI ASI	106 107 350	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science	1 1 3
ASI ASI ASI	106 107 350	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science	1 1 3
ASI ASI ASI ASI ASI	106 107 350 361 405	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing	$\begin{array}{c}1\\1\\3\\2\\3\end{array}$
ASI ASI ASI ASI ASI ASI	106 107 350 361 405 640	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech	$\begin{array}{c}1\\1\\3\\2\\3\\3\end{array}$
ASI ASI ASI ASI ASI ASI	106 107 350 361 405 640	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing	$\begin{array}{c}1\\1\\3\\2\\3\end{array}$
ASI ASI ASI ASI ASI ASI FDSCI	106 107 350 361 405 640 305	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech. Fund of Food Processing (Select 2 courses)	$\begin{array}{c}1\\3\\2\\3\\3\\3\end{array}$
ASI ASI ASI ASI ASI ASI FDSCI ASI	106 107 350 361 405 640 305 515	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science	$\begin{array}{c}1\\3\\2\\3\\3\\3\\3\end{array}$
ASI ASI ASI ASI ASI FDSCI ASI ASI	106 107 350 361 405 640 305 515 520	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt	$ \begin{array}{c} 1 \\ 1 \\ 3 \\ 2 \\ 3 \\ $
ASI ASI ASI ASI ASI FDSCI ASI ASI ASI	106 107 350 361 405 640 305 515 520 521	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science	$ \begin{array}{c} 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \end{array} $
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	$ \begin{array}{r} 106 \\ 107 \\ 350 \\ 361 \\ 405 \\ 640 \\ 305 \\ 515 \\ 520 \\ 521 \\ 524 \\ \end{array} $	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Sheep/Meat Goat Science	$\frac{1}{3}$ $\frac{3}{3}$ $\frac{3}{3}$ $\frac{3}{3}$ $\frac{3}{3}$ $\frac{3}{3}$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	$ \begin{array}{r} 106 \\ 107 \\ 350 \\ 361 \\ 405 \\ 640 \\ 305 \\ 515 \\ 520 \\ 521 \\ 524 \\ 535 \\ \end{array} $	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Sheep/Meat Goat Science Swine Science	$ \begin{array}{c} 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	$ \begin{array}{r} 106 \\ 107 \\ 350 \\ 361 \\ 405 \\ 640 \\ 305 \\ 515 \\ 520 \\ 521 \\ 524 \\ 535 \\ 621 \\ \end{array} $	Dairy/Poultry LabCompanion Anml/Horse Lab(Select 1 course)Meat ScienceMeat Animal ProcessingFund Milk ProcessingPoultry Product TechFund of Food Processing(Select 2 courses)Beef ScienceCompanion/Lab Anml MngtHorse ScienceSheep/Meat Goat ScienceSwine ScienceDairy Cattle Management	$ \begin{array}{c} 1 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	$ \begin{array}{r} 106 \\ 107 \\ 350 \\ 361 \\ 405 \\ 640 \\ 305 \\ 515 \\ 520 \\ 521 \\ 524 \\ 535 \\ \end{array} $	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Sheep/Meat Goat Science Swine Science Dairy Cattle Management Poultry Management	$ \begin{array}{c} 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	$ \begin{array}{r} 106 \\ 107 \\ 350 \\ 361 \\ 405 \\ 640 \\ 305 \\ 515 \\ 520 \\ 521 \\ 524 \\ 535 \\ 621 \\ 645 \\ \end{array} $	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Sheep/Meat Goat Science Swine Science Dairy Cattle Management Poultry Management (Minimum 9 hours)	$ \begin{array}{c} 1 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	$ \begin{array}{r} 106 \\ 107 \\ 350 \\ 361 \\ 405 \\ 640 \\ 305 \\ 515 \\ 520 \\ 521 \\ 524 \\ 535 \\ 621 \\ 645 \\ 315 \\ \end{array} $	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Sheep/Meat Goat Science Swine Science Dairy Cattle Management Poultry Management (Minimum 9 hours) Livestock & Meat Eval	$ \begin{array}{c} 1 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	$ \begin{array}{r} 106 \\ 107 \\ 350 \\ 361 \\ 405 \\ 640 \\ 305 \\ 515 \\ 520 \\ 521 \\ 524 \\ 535 \\ 621 \\ 645 \\ 315 \\ 320 \\ \end{array} $	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Sheep/Meat Goat Science Swine Science Dairy Cattle Management Poultry Management (Minimum 9 hours) Livestock & Meat Eval Principles of Feeding	$ \begin{array}{c} 1\\ 3\\ 2\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	106 107 350 361 405 640 305 515 520 521 524 535 621 645 315 320 504	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Swine Science Dairy Cattle Management Poultry Management (Minimum 9 hours) Livestock & Meat Eval Principles of Feeding Equine Reproductive Mng t	$ \begin{array}{c} 1\\ 3\\ 2\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	106 107 350 361 405 640 305 515 520 521 524 535 621 645 315 320 504 510	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Swine Science Dairy Cattle Management Poultry Management (Minimum 9 hours) Livestock & Meat Eval Principles of Feeding Equine Reproductive Mng t Animal Breeding Principles	$\begin{array}{c} 1 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	106 107 350 361 405 640 305 515 520 521 524 535 621 645 315 320 504 510 512	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Sheep/Meat Goat Science Swine Science Dairy Cattle Management Poultry Management (Minimum 9 hours) Livestock & Meat Eval Principles of Feeding Equine Reproductive Mng t Animal Breeding Principles Bovine Reproductive Tech	$ \begin{array}{c} 1\\ 1\\ 3\\ 2\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 2\\ \end{array} $
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	106 107 350 361 405 640 305 515 520 521 524 535 621 645 315 320 504 510 512 540	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Sheep/Meat Goat Science Swine Science Dairy Cattle Management Poultry Management (Minimum 9 hours) Livestock & Meat Eval Principles of Feeding Equine Reproductive Mng t Animal Breeding Principles Bovine Reproductive Tech Prin Animal Disease	$\begin{array}{c} 1 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	106 107 350 361 405 640 305 515 520 521 524 535 621 645 315 320 504 510 512 540	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Sheep/Meat Goat Science Swine Science Dairy Cattle Management Poultry Management (Minimum 9 hours) Livestock & Meat Eval Principles of Feeding Equine Reproductive Mng t Animal Breeding Principles Bovine Reproductive Tech Prin Animal Disease	$\begin{array}{c} 1 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	106 107 350 361 405 640 305 515 520 521 524 535 621 645 315 320 504 510 512 540	Dairy/Poultry LabCompanion Anml/Horse Lab(Select 1 course)Meat ScienceMeat Animal ProcessingFund Milk ProcessingPoultry Product TechFund of Food Processing(Select 2 courses)Beef ScienceCompanion/Lab Anml MngtHorse ScienceSheep/Meat Goat ScienceSwine ScienceDairy Cattle Management(Minimum 9 hours)Livestock & Meat EvalPrinciples of FeedingEquine Reproductive Mng tAnimal Breeding PrinciplesBovine Reproductive TechPrin Animal DiseaseContemporary Issues in ASIPhysiology of Lactation	$\begin{array}{c} 1 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$
ASI ASI ASI ASI ASI ASI ASI ASI ASI ASI	106 107 350 361 405 640 305 515 520 521 524 535 621 645 315 320 504 510 512 540	Dairy/Poultry Lab Companion Anml/Horse Lab (Select 1 course) Meat Science Meat Animal Processing Fund Milk Processing Poultry Product Tech Fund of Food Processing (Select 2 courses) Beef Science Companion/Lab Anml Mngt Horse Science Sheep/Meat Goat Science Swine Science Dairy Cattle Management Poultry Management (Minimum 9 hours) Livestock & Meat Eval Principles of Feeding Equine Reproductive Mng t Animal Breeding Principles Bovine Reproductive Tech	$\begin{array}{c} 1 \\ 1 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$

ASI	620	Livestock Production Mngt	2	AS	SI	695	Equine Exercise Physiology	3
ASI	650	I.D. Data Management	2	AS	SI	710	Phys Repro Farm Animals	3
ASI	655	Behavior Domst Anmls	3				· -	
ASI	675-679	Non-Ruminant Ntrtn Modules	1-4	AS	SI	777	Meat Technology	3
ASI	680-685	Ruminant Nutrition Modules	1-6					

RATIONALE:	The changes in this option are in response to a departmental teaching retreat. The options have been revised to provide more consistency across the curriculum and to strengthen requirements in response to employer concerns.
	MC 111 and MC 112 have been added to this option as new courses which were not previously offered. Animal Science choices have been restricted to allow students to specialize within a species or discipline.
	MC 241, Editing and Design, has recently been changed to MC 241, Editing; and MC 341, Advanced Editing and Design, has recently been changed to News Design. The department of Journalism and Mass Communications felt dividing content between the courses "provided more depth and practice in each area". As a result we are now adding MC 341 as a required course in this option, so that design will still be covered in this curriculum.
	We have also indicated on our curriculum that we are officially adding the study abroad courses within the College of Ag to our restricted electives block within the Agriculture requirement.
IMPACT:	The School of Journalism and Mass Communications (Charles Pearce) was contacted and has approved of the changes.
EFFECTIVE DATE:	Fall 2011

FROM: B.S.: Agriculture Major: Animal Sciences & Industry Option: Production/Management GENERAL COURSES DANCE – Any course

	G	ENERAL COURSES	
GENAG	101	Ag Orientn –OR-	1
GENAG	200	College Careers	0
CHM	110	General Chemistry	3
CHM	111	General Chemistry Lab	1
ECON	110	Prin Macro Economics	3
ENGL	100	Expository Writing I	3
ENGL	200	Expository Writing II	3
MATH	100	College Algebra	3
COMM	105	Public Speaking IA	2
		AGRICULTURE	_
ASI	102	Prin Animal Science	3
AGEC	120	Ag Econ & Agribusiness 3	
		2 other AG Depts. min. 8 hours)
		nnot be applied)	
AGCOM -			
		to 329, 571, 572 to 661	710
		20 to 420 <u>, 500 to 525, 590 to 632</u> ,	
		05, 330 to 385, 430, 501, 550, 6	50 to
660, 681 to		202 205 600	
		302, 305, 690 DM 250 or 301, 300, 305, 312, 3 3	14 40
		JM 250 of 501, 500, 505, 512, 5	14 to
620, 692 to		0 4- 120 150 205 4- 510 (02 4-	((1
		00 to 120, 150, 305 to 510, 602 to	001,
710 to 737			
		01 to 525, 535 to 625, 706 to 751	
		o 311, 330 to 375, 510, 520, 643	
		0 to 490, 521 to 705	
PLPTH – F			
GENAG -			
	- BIO	LOGICAL SCIENCES	
DIOI	100	$\mathbf{D}^{*} \cdot 1 \mathbf{C}\mathbf{D}^{*} 1$	4
BIOL	198	Principles of Biology	4
ASI	500	Genetics	3
ASI ASI	500 533	Genetics Anatomy & Physiology	
ASI ASI	500 533 UMAN	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE	3
ASI ASI H	500 533 UMAN	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours)	3 4
ASI ASI H	500 533 UMAN be take	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department	3 4
ASI ASI (Must (Max	500 533 UMAN be take	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses)	3 4
ASI ASI (Must (Max AMETH –	500 533 UMAN be take ximum AMET	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) 'H 160 to 501	3 4
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ASI ASI (Must (Ma: AMETH – ANTH – A ARCH – A	500 533 UMAN be take ximum AMET ny cou .RCH 3	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 01	3 4
ASI ASI (Must (Max AMETH – ANTH – A ARCH – A ARCH – A	500 533 UMAN be take ximum AMET ny cou RCH 3 y cours	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 101 e	3 4
ASI ASI (Must (Max AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE –	500 533 WMAN be take ximum AMET ny cou RCH 3 y cours DANC	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 301 e E 120 to 200, 225 to 420, 495 to 6	3 4
ASI ASI (Must (Max AMETH – ANTH – A ARCH – A ARCH – A ART – Any DANCE – DEN – DE	500 533 WMAN be take ximum AMET ny cou RCH 3 y cours DANC N 325,	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) CH 160 to 501 rse 201 e E 120 to 200, 225 to 420, 495 to 6 450	3 4
ASI ASI (Must (Max AMETH – ANTH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E	500 533 UMAN be take ximum AMET .ny cou .RCH 3 y cours DANC N 325, CON 1	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 001 e E 120 to 200, 225 to 420, 495 to 6 450 20-799	3 4) 590
ASI ASI (Must (Max AMETH – ANTH – A ART – Any DANCE – DEN – DE ECON - E ENGL – E	500 533 UMAN be take ximum AMET .ny cou .RCH 3 y cours. DANC N 325, CON 1 NGL 1:	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 001 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42	3 4 590 20 to
ASI ASI (Must (Max AMETH – ANTH – A ART – An DANCE – DEN – DE ECON - E ENGL – E 499, 536 to	500 533 UMAN be take ximum AMET .ny cou .RCH 3 y cours. DANC N 325, CON 1 NGL 1:	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 001 e E 120 to 200, 225 to 420, 495 to 6 450 20-799	3 4 590 20 to
ASI ASI (Must (Max AMETH – ANTH – A ART – Any DANCE – DEN – DE ECON - E ENGL – E 499, 536 to to 799	500 533 UMAN be take ximum AMET ny cou RCH 3 y cours DANC N 325, CON 1 NGL 1: 5599, 6	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department, 3 hours in performance courses) TH 160 to 501 rse 01 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760,	3 4 590 20 to
ASI ASI (Must (Max AMETH – ANTH – A ART – Any DANCE – DEN – DE ECON - E ENGL – E 499, 536 to to 799 ENVD – E	500 533 UMAN be take ximum AMET ny cou RCH 3 y cours: DANC N 325, CON 1 NGL 1: 5599, 6 NVD 2	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department, 3 hours in performance courses) TH 160 to 501 rse 01 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 250, 251, 655, 670, 671	3 4 590 20 to
ASI ASI (Must (Mast AMETH – ANTH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ENGL – E 499, 536 to to 799 ENVD – E GEOG – G	500 533 IUMAN be take ximum AMET ny cou RCH 3 y cours DANC N 325, CON 1 NGL 1: 5599, 6 NVD 2 EEOG 1	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department, 3 hours in performance courses) TH 160 to 501 rse 01 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 50, 251, 655, 670, 671 00, 200, 201, 300 to 799	3 4 590 20 to
ASI ASI H (Must (Ma: AMETH – ANTH – A ARCH – A ARCH – A ARCH – A ARCH – E ECON - E ECON - E ECON - E ECON - E ENGL – E 499, 536 to to 799 ENVD – E GEOG – G HIST – An	500 533 IUMAN be take ximum AMET ny cours CON 1 NGL 1: 5599, 6 NVD 2 EOG 1 y cours	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department, 3 hours in performance courses) TH 160 to 501 rse 001 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 se	3 4 590 20 to
ASI ASI H (Must (Ma: AMETH – ANTH – A ARCH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ECON - E ENGL – E 499, 536 to to 799 ENVD – E GEOG – G HIST – An FSHS – A	500 533 IUMAN be take ximum AMET ny cou RCH 3 y cours DANC N 325, CON 1 NGL 1: 5599, 6 NVD 2 EOG 1 y cours ny cours	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 101 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 se rse	3 4 590 20 to
ASI ASI H (Must (Ma: AMETH – ANTH – A ARCH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ECON - E ENGL – E 499, 536 to to 799 ENVD – E GEOG – G HIST – An FSHS – A MUSIC –	500 533 IUMAN be take ximum AMET ny cours RCH 3 y cours DANC N 325, CON 1 NGL 1: 5599, 6 NVD 2 EOG 1 y cours ny cours ny cours	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 101 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 se rse purse	3 4 590 20 to 790
ASI ASI H (Must (Ma: AMETH – ANTH – A ARCH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ENGL – E 499, 536 to to 799 ENVD – E GEOG – G HIST – An FSHS – A MUSIC – Modern La	500 533 (UMAN) be take ximum AMET ny cours RCH 3 y cours DANC N 325, CON 1 NGL 1: 5599, 6 NVD 2 EOG 1 y cours ny cours ny cours ny cours ny cours any cours ny cours ny cours	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 101 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 se rse	3 4 590 20 to 790
ASI ASI H (Must (Ma: AMETH – ANTH – A ARCH – A ARCH – A ARCH – A ARCH – A DANCE – DEN – DE ECON - E ENGL – E 499, 536 to to 799 ENVD – E GEOG – G HIST – An FSHS – A MUSIC – Modern La	500 533 (UMAN be take ximum AMET ny cou RCH 3 y cours DANC N 325, CON 1 NGL 12 599, 6 NVD 2 EOG 1 y cours ny cours ny cours ny cours ny cours Any cours ny cours ny cours Any cours Any cours Any cours Any cours Any cours Any cours Any cours Any cours	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 101 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 se rse purse e – Any course in ARAB, CHINE,	3 4 590 20 to 790
ASI ASI H (Must (Ma: AMETH – ANTH – A ART – ANY DANCE – DEN – DE ECON - E ENGL – E 499, 536 to to 799 ENVD – E GEOG – G HIST – An FSHS – A MUSIC – MOdern La FREN, GR SPAN, UR	500 533 (UMAN be take ximum AMET ny cou RCH 3 y cours DANC N 325, CON 1 NGL 1: 5599, 6 NVD 2 EOG 1 y cours ny cours Any cou ny cours Any cours	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department, 3 hours in performance courses) TH 160 to 501 rse 001 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 se rse purse e – Any course in ARAB, CHINE, AL, JAPAN, LATIN, PORT, RUS	3 4 590 20 to 790
ASI ASI H (Must (Ma: AMETH – ANTH – A ART – ANY DANCE – DEN – DE ECON - E ENGL – E 499, 536 to to 799 ENVD – E GEOG – G HIST – AM FSHS – A MUSIC – MOdern La FREN, GR SPAN, UR PHILO – A	500 533 (UMAN be take ximum AMET ny cou RCH 3 y cours DANC N 325, CON 1 NGL 1: 5599, 6 NVD 2 EOG 1 y cours ny cours Any cou ny cours Any cou Any cou	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department, 3 hours in performance courses) TH 160 to 501 rse 001 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 se rse purse e – Any course in ARAB, CHINE, AL, JAPAN, LATIN, PORT, RUS	3 4 590 20 to 790
ASI ASI H (Must (Ma: AMETH – ANTH – A ART – ANY DANCE – DEN – DE ECON - E ENGL – E 499, 536 to to 799 ENVD – E GEOG – G HIST – AM FSHS – A MUSIC – MOdern La FREN, GR SPAN, UR PHILO – A	500 533 (UMAN be take ximum AMET ny cou RCH 3 y cours DANC N 325, CON 1 NGL 1: 5599, 6 NVD 2 EOG 1 y cours ny cours Any cou ny cours Any cou Any cou	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department, 3 hours in performance courses) TH 160 to 501 rse 001 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 50, 251, 655, 670, 671 00, 200, 201, 300 to 799 se rse purse e – Any course in ARAB, CHINE, AL, JAPAN, LATIN, PORT, RUS	3 4 590 20 to 790
ASI ASI H (Must (Ma: AMETH – ANTH – A ART – ANY DANCE – DEN – DE ECON - E ENGL – E 499, 536 to to 799 ENVD – E GEOG – G HIST – An FSHS – A MUSIC – MOdern La FREN, GR SPAN, UR	500 533 UMAN be take kimum AMET ny cou RCH 3 y cours DANC N 325, CON 1 NGL 1: 5599, 6 NVD 2 EOG 1 y cours ny cours ny cours ny cours Any cou Any cou Any cou Any cou	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 001 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 250, 251, 655, 670, 671 00, 200, 201, 300 to 799 se rse ourse e – Any course in ARAB, CHINE, AL, JAPAN, LATIN, PORT, RUS	3 4 590 20 to 790
ASI ASI H (Must (Ma: AMETH – ANTH – A ART – AN ARCH – A ART – AN DANCE – DEN – DE ECON - E ENGL – E 499, 536 to to 799 ENVD – E GEOG – G HIST – AN FSHS – A MUSIC – Modern La FREN, GR SPAN, UR PHILO – A POLSC – A	500 533 UMAN be take ximum AMET ny cou RCH 3 y cours DANC N 325, CON 1 NGL 1: 559, 6 NVD 2 EOG 1 y cours ny cours ny cours Any cou Any cou Any cou Any cou	Genetics Anatomy & Physiology NITIES/SOCIAL SCIENCE (Minimum 9 hours) n from more than one department 3 hours in performance courses) TH 160 to 501 rse 01 e E 120 to 200, 225 to 420, 495 to 6 450 20-799 50, 210 to 299, 310, 320 to 399, 42 05 to 660, 670 to 695, 700 to 760, 250, 251, 655, 670, 671 00, 200, 201, 300 to 799 se rse purse e – Any course in ARAB, CHINE, AL, JAPAN, LATIN, PORT, RUS rrse urse urse urse urse	3 4 590 20 to 790

THTRE - Any course WOMST - Any course **BUSINESS & ECONOMICS** (Select 1 course) ACCTG 231 3 Acctg for Bus Ops 3 AGEC 308 Farm Ranch Mngmt (plus 4 courses, min. 12 hours) AGEC - AGEC 202 to 420, 445 to 799 ACCTG - ACCTG 241 to 799 ECON - ECON 500 to 799 FINAN - Any course FSHS - FSHS 105 MANGT - Any course MKTG - Any course MATH/STATISTICS/COMPUTERS (Minimum 3 hours) ASI - ASI 490 CIS - CIS 101, 102, 103, 104 MATH - MATH 150, 205, 210, 211, 220, 221, 222 STAT - STAT 320, 325, 330, 340, 350 **COMMUNICATIONS** (Minimum 3 hours) AGCOM - AGCOM 310, 400, 410 COMM - COMM 311, 321, 322, 326 ENGL - ENGL 300, 516 **GENAG - 450** MC - MC 110, 120, 211, 331 Modern Language - Any course in ARAB, CHINE, FREN, GRM, ITAL, JAPAN, LATIN, PORT, RUSSN, SPAN, URDU **PHYSICAL SCIENCES** BIOCH 265 Intro Org & BioChem 5 ANIMAL SCIENCE ASI 105 Animal Sciences & Ind 1 ASI 106 Dairy/Poultry Lab 1 318 Fund. of Nutrition 3 ASI Principles of Feeding 320 ASI 3 ASI 400 Farm Animal Reproduction 4 580 ASI Seminar 1 ASI (Select 1 course) 350 3 ASI Meat Science ASI 361 Meat Animal Processing 2 ASI 601 Physiology of Lactation 3 (Select 1 course) 315 3 ASI Livestock & Meat Eval ASI 405 Fund Milk Processing 3 3 ASI 640 Poultry Product Tech Food Microbiology 607 FDSCI-4 (Select 3 courses) ASI 515 Beef Science 3 520 Companion/Lab Anml Mngt 3* ASI Horse Science ASI 521 3 524 Sheep/Meat Goat Science 3 ASI 535 Swine Science 3 ASI 621 Dairy Cattle Management3 ASI ASI 645 Poultry Management 3 ASI 655 **Behavior Domst Anmls** 3* *Only one of these courses can be used to fulfill this

requirement

TO: B.S.: Agriculture Major: Animal Sciences & Industry Option: Production/Management **GENERAL COURSES** MATH/STATISTICS/COMPUTERS

		GENERAL COURSES	
GENAG	101	Ag Orientn –OR-	1
GENAG	200	College Careers	0
CHM	110	General Chemistry	3
CHM	111	General Chemistry Lab	1
		Principles of Biology	
ECON	110	Prin Macro Economics	3
ENGL	100	Expository Writing I	3
ENGL	200		3
MATH	100	College Algebra	3
COMM	105	Public Speaking IA 2	
		AGRICULTURE	
AGEC	120	Ag Econ & Agribusiness	3
		other AG Depts. min. 8 ho	
			urs)
		not be applied)	
AGCOM -			
		C course except AGEC 490	
ASI – <u>ASI 6</u>	<u>560</u>		
ATM – Any	ATM	course	
		RON course	
FDSCI – At			
		TOM course	
GRSC – <u>An</u>			
HORT – <u>Ar</u>	-		
FOR – <u>Any</u>	FOR co	ourse	
RRES – RR	ES 210	or above	
PLPTH – A	ny PLP	TH course	
GENAG – O			
021010	0211110	BIOSCIENCES	
RIOCH	265	Intro Org & BioChem	5
DIOCII			
	HUMA	NITIES/SOCIAL SCIEN	ι.Ε.
		(Minimum 9 hours)	
		ten from more than one depa	
(N	laximur	n 3 hours in performance co	urses)
AMETH - A	AMETH	[160 to 501	
ANTH – Ar			
ARCH – Al	-		
ART – Any		1	
		120 40 200 225 40 420 405	to 600
		120 to 200, 225 to 420, 495	10 690
DEN – DEN			
ECON - EC			
), 210 to 299, 310, 320 to 39	
536 to 599,	605 to 6	660, 670 to 695, 700 to 760, [*]	790 to 799
ENVD - EN	VD 25	0, 251	
		0, 200, 201, 300 to 799	
HIST – Any		0, 200, 201, 200 10 777	
FSHS - An			
MUSIC – A			
		- Any course in ARAB, CHI	
GRM, ITAI	l, JAPA	N, LATIN, PORT, RUSSN,	SPAN, URDU
PHILO – A	ny cours	se	
POLSC – A	ny cour	se	
PSYCH – A	•		
SOCIO – A	•		
SOCWK - A			
DANCE – A	•		
THTRE – A			
WOMST -	Any cou	irse	
	BU	SINESS & ECONOMICS	
		(Select 1 course)	
ACCTG	231	Acctg for Bus Ops	3
AGEC	308	Farm Ranch Mngmt	3
		5	5
		n. 12 hours)	
		2 to 420, 445 to 799	
ACCTG – A			
ECON – EC	CON 500) to 799	
FINAN – A	ny cour	se	
FSHS – FSH	•		
MANGT -		ırse	
MKTG - A			

MKTG - Any course

(Minimum 3 hours) ASI - ASI 490 CIS – CIS 101, 102, 103, 104 MATH - MATH 150, 205, 210, 211, 220, 221, 222 STAT – STAT 320, 325, 330, 340, 350 COMMUNICATIONS (Minimum 3 hours) AGCOM - AGCOM 310, 400, 410, 590, 610, 712 COMM – COMM 311, 321, 322, 326 ENGL – ENGL 300, 516 GENAG - 450 MC – MC 110, <u>111</u>, <u>112</u>, 120, <u>180</u> Modern Language - Any course in ARAB, CHINE, FREN, GRM, ITAL, JAPAN, LATIN, PORT, RUSSN, SPAN, URDU ANIMAL SCIENCE ASI102Prin Animal Science3ASI318Fund. of Nutrition3ASI320Principles of Feeding3 Farm Animal Reproduction 4 ASI 400 500 ASI Genetics 3 Animal Breeding Pr. 510 ASI 3 Anatomy & Physiology ASI 533 4 ASI Seminar ASI 580 1 (Select 2 courses) ASI 105 Animal Sciences & Ind 1 ASI 106 Dairy/Poultry Lab 1 ASI 107 Companion Anml/Horse Lab 1 (Select 1 course) ASI 350 Meat Science 3 2 ASI 361 Meat Animal Processing ASI 405 Fund Milk Processing 3 ASI 640 Poultry Product Tech 3

FDS	CI 305	Fund of Food Processing 3	
		(Select <u>2</u> courses)	
ASI	515	Beef Science	3
ASI	520	Companion/Lab Anml Mngt 3	
ASI	521	Horse Science	3
ASI	524	Sheep/Meat Goat Science 3	
ASI	535	Swine Science	3
ASI	621	Dairy Cattle Management 3	
ASI	645	Poultry Management 3	
		(Minimum 9 hours)	
ASI	315	Livestock & Meat Eval	3
ASI	504	Equine Repro Mngt	3
ASI	512	Bovine Repro Tech	2 3 3
ASI	540	Prin Animal Disease	3
ASI	595	Contemp Issues ASI	3
ASI	600	Applied Animal Biotech	2
ASI	601	Physiology of Lactation	3
ASI	602	Equine Breeding/Genetics	2
ASI	610	Processed Meat Ops	2
ASI	620	Lvstk Prod & Mngmt	2 2 2
ASI	650	Id Data Management	2
ASI	655	Behavior Domst Anml	3
ASI	675-679	Non-Ruminant Modules 1-4	
ASI		Ruminant Modules 1-6	
ASI	695	Equine Exercise Physiol	3

ASI	710	Phys Repro Farm Anml		3
ASI	777	Meat Technology	3	

RATIONALE:	The changes in this option are in response to a departmental teaching retreat. The options have been revised to provide more consistency across the curriculum and to strengthen requirements in response to employer concerns.
	Animal science electives have been restricted to allow more specialization within a species or discipline.
	We would also like to add more Journalism and Mass Communications classes under the 200-level to our Communications restricted electives list, to provide more options to our students and to better reflect what is available to our students in Journalism and Mass Communications.
IMPACT:	The School of Journalism and Mass Communications (Charles Pearce) was contacted and has approved of the changes.
EFFECTIVE DATE:	Fall 2011

FROM: B.S.: Agriculture Major: Animal Sciences & Industry Option: Science/Pre-Vet GENEI

RAL CO	URSES	

GENAG	101	Ag Orientn –OR-	1	
GENAG	200	College Careers	0	
CHM	210	Chemistry I	4	
ECON	110	Prin Macro Economics	3	
ENGL	100	Expository Writing I	3	
ENGL	200	Expository Writing II	3	
COMM	105	Public Speaking IA 2		
		AGRICULTURE		
ASI	102	Prin Animal Science	3	
ASI	105	Animal Sciences & Ind	1	
ASI	106	Dairy/Poultry Lab	1	
ASI	107		1	
(Plus 3 cou	irses - 2	2 other AG Depts. min. 8	hours)	
		nnot be applied)		
AGCOM -	AGCO	DM 400		
AGEC – A	GEC 1	20 to 420, 500 to 525, 590	t o 632, 712	
ATM - AT	M 160	to 329, 571, 572 to 661		
AGRON -	220, 30	05, 330 to 385, 430, 501, 5	50, 630 to 660,	
681 to 790				
FDSCI – F	DSCI 3	302, 305, 690		
ENTOM -	ENTO	M 250 or 301, 300, 305, 3	12, 314 to 620,	
692 to 767				
GRSC – G	RSC 1	00 to 120, 150, 305 to 51	0, 602 to 661,	
710 to 737,	750 to	-785		
HORT - H	ORT 2	01 to 525, 535 to 625, 706	t o 751	
FOR - FOI	R 210 t	o 311, 330 to 375, 510, 520), 643	
RRES – RE	RES 21	0 to 490, 521 to 705		
PLPTH - F	PLPTH	500 to 745		
GENAG – GENAG 450				

BIOLOGICAL SCIENCES (Minimum 11 hours)

ASI	500	Genetics	3
ASI	533	Anatomy & Physiology	4
BIOL	198	Principles of Biology	4
BIOL	455	General Microbiology	4

HUMANITIES/SOCIAL SCIENCE (Minimum 9 hours)

(Must be taken from more than one department) (Maximum 3 hours in performance courses) AMETH - AMETH 160 to 501 ANTH - Any course ARCH – ARCH 301 ART - Any course DANCE - DANCE 120 to 200, 225 to 420, 495 to 690 DEN - DEN 325, 450 ECON - ECON 120-799 ENGL - ENGL 150, 210 to 299, 310, 320 to 399, 420 to 499, 536 to 599, 605 to 660, 670 to 695, 700 to 760, 790 to 799 ENVD - ENVD 250, 251, 655, 670, 671 GEOG - GEOG 100, 200, 201, 300 to 799 HIST - Any course FSHS – Any course MUSIC – Any course Modern Language - Any course in ARAB, CHINE, FREN, GRM, ITAL, JAPAN, LATIN, PORT, RUSSN, SPAN, URDU PHILO - Any course POLSC – Any course PSYCH – Any course

SOCIO – Any course SOCWK - Any course DANCE – Any course THTRE – Any course WOMST – Any course

CHEMISTRY

(Minimum 12 hours)	
Chemistry II	4
General Organic Chemistry	3
General Organic Chemistry Lab	2
General Biochemistry	3
General Biochemistry Lab	2
	Chemistry II General Organic Chemistry General Organic Chemistry Lab General Biochemistry

BUSINESS & ECONOMICS

(2 courses, total 6 hours) AGEC - AGEC 202 to 420, 445 to 799 ACCTG - ACCTG 231 to 799 FINAN - Any course FSHS – FSHS 105 MANGT - Any course MKTG – Any course

PHYSICS/MATH/STATISTICS (Minimum 6 hours)

MATH - MATH 100, 150, 205, 210, 211, 220, 221, 222 PHYS - PHYS 113, 114 STAT – STAT 320, 325, 330, 340, 350

COMMUNICATIONS (Minimum 3 hours)

AGCOM - AGCOM 310, 400, 410 COMM - COMM 311, 321, 322, 326 ENGL - ENGL 300, 516 MC - MC 110, 120, 211, 331 Modern Language - Any course in ARAB, CHINE, FREN, GRM, ITAL, JAPAN, LATIN, PORT, RUSSN, SPAN, URDU

ANIMAL SCIENCE

ASI	318	Fund. of Nutrition 3	
ASI	320	Principles of Feeding	3
ASI	400	Farm Animal Reproduction 4	
ASI	580	ASI Seminar	1
		(Select 1 course)	
ASI	350	Meat Science	3
ASI	361	Meat Animal Processing	2
ASI	601	Physiology of Lactation	3
		(Select 2 courses)	
ASI	315	Livestock & Meat Eval	3
ASI	405	Fund Milk Processing	3
ASI	510	Animal Breeding Principles 3	
ASI	640	Poultry Product Tech	3
ASI	655	Behavior Domestic Animals 3	
FDSCI	607	Food Microbiology 4	
		(Select 2 courses)	
ASI	515	Beef Science	3
ASI	520	Companion/Lab Animal Mngt	3
ASI	521	Horse Science	3
ASI	524	Sheep/Meat Goat Science 3	
ASI	535	Swine Science	3
ASI	621	Dairy Cattle Management 3	
ASI	645	Poultry Management	3

TO: B.S.: Agriculture Major: Animal Sciences & Industry Option: Science/Pre-Vet

	10:	B.S.: Agriculture Major: Animal
CENAC	101	GENERAL COURSES
GENAG GENAG	101 200	Ag Orientn –OR- College Careers 0
CHM	200	Chemistry I 4
BIOL		
ECON	110	Prin Macro Economics 3
ENGL	100	Expository Writing I 3
ENGL	200	Expository Writing II 3
MATH	100	College Algebra 3
COMM	105	Public Speaking IA 2
		AGRICULTURE
(Plus <u>2</u> cou	irses - 2 o	other AG Depts. min. <u>5</u> hours)
`		ot be applied)
AGCOM -		
		C course except AGEC 490
ASI – ASI		
ATM – <u>An</u>		
		RON course
FDSCI – A		
		COM course
GRSC – <u>A</u>		
HORT – A		
FOR – <u>Any</u>		
RRES – RI		
PLPTH – A		
GENAG -	GENAG	
BIOL	455	BIOSCIENCES General Microbiology4
BIOL	433	(Minimum 12 hours)
СНМ	230	
		Chemistry II 4
СИМ	251	General Organic Chemistry 3
		General Organic Chemistry Lab 2 General Biochemistry 3
BIOCH	522	General Biochemistry 3 General Biochemistry Lab 2
81222		ANITIES/SOCIAL SCIENCE
	nem	(Minimum 9 hours)
(1	Must be ta	iken from more than one department)
,		im 3 hours in performance courses)
AMETH -		
ANTH – A		
ARCH – A	RCH 301	
ART – Any		
DANCE -	DANCE	120 to 200, 225 to 420, 495 to 690
DEN – DE	N 325, 45	0
ECON - E	CON 120	-799
ENGL – El	NGL 150,	210 to 299, 310, 320 to 399, 420 to 499, 536
		70 to 695, 700 to 760, 790 to 799
ENVD – E		
GEOG – G	EOG 100	, 200, 201, 300 to 799
HIST – An		
FSHS – A		
MUSIC –		
		Any course in ARAB, CHINE, FREN, GRM,
		IN, PORT, RUSSN, SPAN, URDU
PHILO – A		
POLSC – A	-	
PSYCH – A	•	
SOCIO – A		
SOCWK –		
DANCE –	-	
THTRE – A		
WOMST -	Any cou	.50

BUSINESS & ECONOMICS

BUSINESS & ECONOMIC (2 courses, total 6 hours) AGEC - AGEC 202 to 420, 445 to 799 ACCTG – ACCTG 231 to 799 FINAN – Any course FSHS – FSHS 105

		puon: Science/Pre-Vet
MANGT - A	ny cours	e
MKTG - An	y course	
	PHY	SICS/MATH/STATISTICS
		(Minimum 6 hours)
MATH - MA	ATH 150), 205, 210, 211, 220, 221, 222
PHYS – PHY	S 113. 1	14
STAT - STA		
~		COMMUNICATIONS
		(Minimum 3 hours)
AGCOM - A	GCOM	310, 400, 410
		1, 321, 322, 326
ENGL – ENG		
		<u>12, 120, & 180</u>
		Any course in ARAB, CHINE, FREN, GRM,
IIAL, JAFA	N, LATI	N, PORT, RUSSN, SPAN, URDU
	100	ANIMAL SCIENCE
ASI	102	Prin Animal Science 3
		Animal Sciences & Ind 1
		Dairy/Poultry Lab 1
		Comp Anml/Horse Lab 1
ASI	318	Fund. of Nutrition 3
ASI	320	Principles of Feeding 3
	400	Farm Animal Reproduction 4
ASI	500	Genetics 3
ASI	580	ASI Seminar 1
		(Select 1 course)
ASI	350	Meat Science 3
ASI	405	Fund Milk Processing 3
ASI	361	Meat Animal Processing 2
ASI	601	Physiology of Lactation 3
ASI	640	Poultry Product Tech 3
ASI		Equine Exercise Physiology 3
FDSCI		Fund of Food Processing 3
		(Select 2 courses)
ASI	515	Beef Science 3
ASI	520	Companion/Lab Animal Mngt 3
ASI	521	Horse Science 3
ASI	524	Sheep/Meat Goat Science 3
ASI	535	Swine Science 3
ASI	621	Dairy Cattle Management 3
ASI	645	Poultry Management 3
7101	045	(<u>Minimum 9 hours</u>)
ASI	315	Livestock & Meat Eval 3
ASI	504	Equine Repro Mngt 3
ASI	510	Animal Breeding Pr. 3
		•
ASI	512	Bovine Repro Tech 2
ASI		Anatomy & Physiology 4
ASI	540	Prin Animal Disease 3
ASI	595	Contemp Issues ASI 3
ASI	600	Applied Animal Biotech 2
ASI	602	Equine Breeding/Genetics 2
ASI	610	Processed Meat Ops 2
ASI	620	Lvstk Prod & Mngmt 2
ASI	650	Id Data Management 2
ASI	655	Behavior Domst Anml 3

ASI	675-679	Non-Ruminant Modules	1-4	
ASI	680-685	Ruminant Modules	1-6	
ASI	710	Phys Repro Farm Anml		3
ASI	777	Meat Technology		3

RATIONALE:	The changes in this option are in response to a departmental teaching retreat. The options have been revised to provide more consistency across the curriculum and to strengthen requirements in response to employer concerns.
	College Algebra has been added as a requirement to this option. This change will better prepare students for upper level courses. Animal Science electives have been reorganized and now allow students to specialize within a species or discipline.
	Agriculture classes outside of the department have been reduced from 3 courses (minimum 9 hours) to 2 courses (minimum 5 hours). The amount of agriculture hours outside of a student's major is consistent with most majors in the college.
	We would also like to add more Journalism and Mass Communications classes under the 200-level to our Communications restricted electives list, to provide more options to our students and to better reflect what is available to our students in Journalism and Mass Communications.
IMPACT:	The School of Journalism and Mass Communications (Charles Pearce) was contacted and has approved of the changes. The Department of Mathematics (Louis Pigno) was contacted and has approved of the changes.
EFFECTIVE DATE:	Fall 2011

Horticulture, Forestry and Recreation Resources

Horticultural Therapy Option

DROP:

DROP:		
COMMUNICATIONS	8 hours	
ENGL 100 (3) Expository Writing I		
ENGL 200 (3) Expository Writing II		
COMM 105 (2) Public Speaking I A		
HUMANITIES/SOCIAL SCIENCES	6 hours	
PSYCH 110* (3) General Psychology		
SOCIO 211* (3) Intro Sociology		
	401	
MATH/CHEMICAL SCIENCES	10 hours	
CHM 110* (3) General Chemistry		
CHM 111* (1) General Chemistry Lab MATH 100 (3) College Algebra		
STAT 325* (3) Introduction to Statistics		
AGRIC./BIOLOGICAL SCIENCES	15 hours	
AGRON 305 (4) Soils	io nours	
BIOL 198* (4) Principles of Biology		
ENTOM 320 (3) Horticultural Entomology		
GENAG 101 (1) Ag Orientation		
PLPTH 500 (3) Princ. Plant Pathology		
ECON./BUSINESS ELECTIVES	9 hours	
ECON 110 (3) Prin. of Macroeconomics		
OR´		
AGEC 120* (3) Ag. Economics & Agribusiness		
OR		
ECON 120* (3) Prin. of Microeconomics		
(6) Business electives		
HORTICULTURE REQUIREMENT	23 hours	
HORT 190 (1) Pre-internship in Horticulture		
HORT 201 (4) Principles of Hort. Science		
HORT 350 (3) Plant Propagation		
HORT 520 (3) Fruit Production		-
HORT 560 (3) Vegetable Crop Prod.		
HORT 582 (1) Foundations of Hort. Pest Mgt.		
HORT 583 (1) Survey of Hort. Ornamental		
and Food Crop Pests		
HORT 599 (0) The Horticultural Profession		
(10) Horticultural electives		
HORTICULTURAL THERAPY SPECIALIZATION	29 hours	
HORT 256* (3) Human Dimensions of Hort.	29 HOUIS	
HORT 374 (3) Human Dimensions of Hon. HORT 374 (3) Woody Plant Materials I		
HORT 374 (3) Woody Plant Materials I HORT 376 (3) Herbaceous Ornamental Plants		
HORT 375 (3) Herbaceous Officiation Plants	ot	
HORT		
HORT 520 (3) Horticulture for Special Fopulation HORT 530 (1) Horticultural Therapy Case Mgt.		
HORT 535 (3) Horticultural Therapy Field Tech	niques	
HORT 540 (3) Honticultural Histopy Field Expe	riences	
HORT 570 (3) Greenhouse Operations Mgt.		
HORT 600 (2) Herb. Landscape Plant Prod.		
HORT 625 (2) Floral Crops Prod. and Handlin	ha	
HUMAN SCIENCES AND SERVICE	12 hours	
PSYCH 505 (3) Abnormal Psychology	.2	
PSYCH 520 (3) Life Span Personality Dev.		
SOCIO 360 (3) Social Problems		
THTRE 665 (3) Drama Therapy with Special Po	opulations	
PROFESSIONAL ELECTIVES 1	2-14 hours	

AMETH 160* (3) Intro. To Am. Ethnic Studies	
ANTH 204* (3) A General Ed. Intro. to Cultural	
Anthropology	
BIOL 330* (3) Public Health Biology	
EDSP 500 (3) Intro. to Human Exceptionality	
FSHS 110* (3) Intro. To Human Development	
FSHS 310 (3) Early Childhood	
FSHS 350* (3) Family Relationships and Gender Roles	
FSHS 415 (3) Manual Communication	
FSHS 506 (3) Mid. Childhood & Adolescence	
GERON 315 (3) Intro. To Gerontology	
HIST 534 (3) Social History of Medicine	
KIN 220* (4) Biobehavioral Bases of Exercise	
KIN 345 (4) Social & Behavioral Epidemiology	
of Public Health Physical Activity	
MC 180 (3) Fund. of Public Relations	
PHILO 365* (3) Medical Ethics	
PSYCH 202* (3) Drugs and Behavior	
PSYCH 280* (3) Psychology of Childhood & Adolescence	
PSYCH 470 (3) Psychobiology	
PSYCH 535 (3) Social Psychology	
SOCIO 361 (3) Sociology of the Criminal Justice System	
SOCIO 432 (3) Community Organ. & Leadership	
SOCIO 460 (3) Juvenile Delinquency	
FREE ELECTIVES 4-6 hours	
FREE ELECTIVES 4-6 hours	
TOTAL CREDITS FOR GRADUATION 130	

RATIONALE: Low enrollment in the option has dictated discontinuance.

IMPACT: No impact on other departments.

EFFECTIVE DATE: Spring 2011

Public Horticulture Option

DROP:

COMMUNICATIONS 11 hours	
ENGL 100 (3) Expository Writing I	
ENGL 200 (3) Expository Writing II	
COMM 106 (3) Public Speaking	
HUMANITIES/SOCIAL SCIENCES ELECTIVES 9 hours	
AMETH 160* (3) Intro. to Am. Ethnic Studies	
PSYCH 110* (3) General Psychology	
SOCIO 211* (3) Intro to Sociology	
(1) 111113	
MATH/CHEMICAL SCIENCES 10 hours	
CHM 110* (3) General Chemistry	
CHM 111* (1) General Chemistry Lab	
MATH 100 (3) College Algebra	
STAT 325* (3) Intro. To Statistics	
OR	
STAT 350* (3) Business and Economic Stat.	
AGRIC./BIOLOGICAL SCIENCES 19 hours	
AGRON 305 (4) Soils	
BIOL 198* (4) Prin. Of Biology	
BIOL 551 (4) Taxonomy of Flowering Plants	
GENAG 101 (1) Ag. Orientation	
PLPTH 500 (3) Prin. of Plant Pathology	
(3) Entomology elective	
BUSINESS 12 hours	
ACCTG 231* (3) Accounting for Bus. Opers.	
AGEC 120* (3) Ag. Economics & Agribusiness	
OR	
ECON 120* (3) Princ. of Microeconomics	
MANICT 420 (2) Monogrammant Concerts	
MANGT 420 (3) Management Concepts	
MANG1 420 (3) Management Concepts MANGT 531 (3) Personnel & Human Resources Mgt.	
MANGT 531 (3) Personnel & Human Resources Mgt.	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship (3) Plus an additional internship	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens.	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens. One in Horticulture, one in education.	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens.	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens. One in Horticulture, one in education.	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens. One in Horticultural Professional	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens. One in Horticultural Professional HORT 599 (0) HORT 599 (0) PUBLIC HORTICULTURE SPECIALIZATION 33 hours	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pro-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens. One in Horticultural Professional HORT 509 (0) PUBLIC HORTICULTURE SPECIALIZATION 33 hours HORT 256* (3)	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture 19 hours HORT 201 (4) Prin. of Horticultural Science 10 hours HORT 590 (2) Hort. Internship 13 hours Internships to be done at public gardens. 13 hours One in Horticultural Professional 33 hours HORT 259 (3) Human Dimensions of Hort. 10 hours	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 201 (4) Prin. of Horticultural Science HORT 590 (2) Hort. Internship (3) Plus an additional internship (3) Plosticultural Professional HORT 599 (0) The Horticultural Professional PUBLIC HORTICULTURE SPECIALIZATION 33 hours HORT 256* (3) Human Dimensions of Hort. HORT 275 (3) Horticultural Design I HORT 301 (3) Horticulture P	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 500 (2) Hort. Internship (3) Plus an additional internship (3) Plus an additional internship (3) Plus an additional internship (3) Plott. Internship (3) Plott Internship Normality One in Horticulture, one in education. HORT 599 (0) The Horticultural Professional PUBLIC HORTICULTURE SPECIALIZATION HORT 256* (3) Human Dimensions of Hort. HORT 301 (3) Horticulture Practicum HORT 301 (3) Horticulture Practicum	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 500 (2) Hort. Internship (3) Plus an additional internship Nort 599 (0) The Horticulture, one in education. HORT 599 (0) The Horticultural Professional PUBLIC HORTICULTURE SPECIALIZATION 33 hours HORT 256* (3) Human Dimensions of Hort. HORT 301 (3) Horticulture Practicum HORT 301 (3) Horticulture Practicum HORT 360 (3) Public Horticulture HORT 508 (2) Landscape Maintenance	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens. One in Horticultural Professional PUBLIC HORTICULTURE SPECIALIZATION 33 hours HORT 256* (3) HURAN Dimensions of Hort. 33 hours HORT 301 (3) Horticulture Practicum HORT 360 (3) Public Horticulture HORT 360 (3) Public Horticulture HORT 508 (2) Landscape Maintenance HORT 508 (2) Landscape Maintenance	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens. One in Horticultural Professional HORT 599 (0) The Horticultural Professional PUBLIC HORTICULTURE SPECIALIZATION 33 hours HORT 256* (3) HURA Dimensions of Hort. HORT 31 (3) HORT 360 (3) Public Horticulture Practicum HORT 508 (2) Landscape Maintenance HORT 570 (3) Greenhouse Ops. and Mgt. HORT 582 (1)	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science HORT 350 (3) Plant Propagation HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens. One in Horticulture, one in education. HORT 509 (0) The Horticultural Professional PUBLIC HORTICULTURE SPECIALIZATION HORT 256* (3) Human Dimensions of Hort. HORT 275 (3) HORT 301 (3) HORT 508 (2) LORT 508 (2) LORT 508 (2) Landscape Maintenance HORT 570 (3) Greenhouse Ops. and Mgt. HORT 582 (1) HORT 583 (1)	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture 13 hours HORT 201 (4) Prin. of Horticultural Science 10 hours HORT 350 (3) Plant Propagation 10 hours HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens. One in Horticultural Professional HORT 599 (0) The Horticultural Professional 33 hours HORT 256* (3) Human Dimensions of Hort. 10 Hort. HORT 275 (3) Horticultural Design I 10 HORT 301 (3) Horticulture Practicum HORT 301 (3) Public Horticulture 10 Horticulture HORT 570 (3) Creenhouse Ops. and Mgt. 10 HORT 582 (1) Foundations of Hort. Pest Mgt. HORT 582 (1) Foundations of Hort. Ornamental and Food Crop Pests	
MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture 190 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science 100 (1) Pre-Internship HORT 350 (3) Plant Propagation 100 (1) Pre-Internship HORT 590 (2) Hort. Internship (3) Plus an additional internship Internships to be done at public gardens. One in Horticulture, one in education. HORT 599 (0) The Horticultural Professional 33 hours HORT 256* (3) Human Dimensions of Hort. 33 hours HORT 275 (3) Horticultural Design I 301 (3) Horticulture Practicum HORT 360 (3) Public Horticulture HORT 570 (3) Greenhouse Ops. and Mgt. HORT 582 (1) Foundations of Hort. Pest Mgt. HORT 582 (1) Foundations of Hort. Pest Mgt. HORT 583 (1) Survey of Hort. Ornamental and Food Crop Pests HORT 600 (2) Herb. Landscape Plant Prod. Plant Prod.	
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MANGT 531 (3) Personnel & Human Resources Mgt. HORTICULTURE REQUIREMENT 13 hours HORT 190 (1) Pre-Internship in Horticulture 100 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science 100 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science 100 (1) Pre-Internship in Horticulture HORT 201 (4) Prin. of Horticultural Science 100 (1) Pre-Internship HORT 350 (3) Plant Propagation 100 (1) Pre-Internship (3) Plus an additional internship (3) Plus an additional internship Internships to be done at public gardens. One in Horticulture, one in education. HORT 599 (0) The Horticultural Professional 33 hours HORT 256* (3) Human Dimensions of Hort. 100 (1) Pre-Internship Internship Intern	

HMD 120 (2) Intro. to the Hospitality Industry
HMD 230 (2) Issues in Tourism
MC 120 (3) Prin. of Advertising
MC 180 (3) Fund. of Public Relations
PSYCH 564 (3) Psychology of Organizations
PRES (2) Program and Event Planning
KKEO 405 (0) Flogram and Event Flamming
RRES 635 (3) Methods of Environmental Interp.
FREE ELECTIVES 10-11 hours
TOTAL CREDITS FOR GRADUATION 130

RATIONALE: Low enrollment in the option has dictated discontinuance.

IMPACT: No impact on other departments.

EFFECTIVE DATE: Spring 2011

HUMAN ECOLOGY

Department of Apparel, Textiles and Interior Design CHANGE: B.S. in Interior Design

DEPARTMENT OF APPAREL, TEXTILES, AND	DEPARTMENT OF APPAREL, TEXTILES, AND
INTERIOR DESIGN	INTERIOR DESIGN
B.S. in Interior Design	B.S. in Interior Design
General studies Requirements (42-43 Hours)	General studies Requirements (42-43 Hours)
Communications (8-9 Hours)	Communications (8-9 Hours)
COMM 105 (2) Public Speaking IA	COMM 105 (2) Public Speaking IA
or	or
COMM 106 (3) Public Speaking I	COMM 106 (3) Public Speaking I
ENGL 100 (3) Expository Writing I	ENGL 100 (3) Expository Writing I
ENGL 200 (3) Expository Writing II	ENGL 200 (3) Expository Writing II
Quantitative Studies (6 Hours)	Quantitative Studies (6 Hours)
(3) A statistics course	(3) A statistics course
MATH 100 (3) College Algebra	MATH 100 (3) College Algebra
or	or
(3) A college level calculus course	(3) A college level calculus course
Social Sciences (9 Hours)	Social Sciences (9 Hours)
ECON 110 (3) Principles of Macroeconomics	ECON 110 (3) Principles of Macroeconomics
PSYCH 110 (3) General Psychology	PSYCH 110 (3) General Psychology
SOCIO 211 (3) Intro to Sociology	SOCIO 211 (3) Intro to Sociology
Natural Sciences (7 Hours)	Natural Sciences (7 Hours)
or	or
PHYS 115 (5) Descriptive Physics	PHYS 115 (5) Descriptive Physics
Humanities (6 Hours)	Humanities (6 Hours)
ART 196 (3) Survey of Art History II	ART 196 (3) Survey of Art History II
HIST 101 (3) Western Civ.: Rise of Europe	HIST 101 (3) Western Civ.: Rise of Europe
Additional Integrative Studies Courses (6 Hours)	Additional Integrative Studies Courses (6 Hours)
University general education elective - 300 level or above (3)	University general education elective - 300 level or above (3)
FSHS 350 (3) Family Rel & Gender Roles	FSHS 350 (3) Family Rel & Gender Roles
or	or
GNHE 310 (3) Human Needs Professional Studies (77 Hours)	GNHE 310 (3) Human Needs Professional Studies (77 Hours)
Professional Courses (56 Hours)AT 265 (3)TextilesID 210 (3)Design & Behavior in the Interior EnvironmentID 225 (4)Interior Design Studio 1ID 245 (4)Interior Design Studio 2ID 310 (4)Construction Methods and Materials for IDID 320 (3)History of Interior Design IID 325 (3)Interior Design Studio 3ID 345 (3)Interior Design Studio 4ID 360 (3)History of Interior Design IIID 415 (3)Computer-Aided Visual Communication for IDID 425 (3)Interior Design Studios 5ID 435 (3)Environmental Systems for Interior DesignID 445 (3)Interior Design Studio 6ID 530 (3)Interior Design Studio 7ID 645 (4)Interior Design Studio 8ID 651 (3)Design for Supportive Environments	Professional Courses (56 Hours)AT 265 (3) TextilesID 015 (0) First Year ID Student Assembly.ID 210 (3) Design & Behavior in the Interior EnvironmentID 225 (3) Interior Design Studio 1ID 245 (4) Interior Design Studio 2ID 310 (4) Construction Methods and Materials for IDID 320 (3) History of Interior Design IID 345 (3) Interior Design Studio 3ID 345 (3) Interior Design Studio 4ID 360 (3) History of Interior Design IIID 415 (3) Computer-Aided Visual Communication for IDID 425 (3) Interior Design Studios 5ID 435 (3) Environmental Systems for Interior DesignID 445 (3) Interior Design Studio 6ID 530 (3) Interior Design Studio 7ID 645 (4) Interior Design Studio 8ID 651 (3) Design for Supportive Environments
Professional Elective (21 hours)	Professional Elective (21 hours)
Select from the following content areas:	Select from the following content areas:
Studio Arts (6)	Studio Arts (6)

Professional Applications (9)	Professional Applications (9)
and Business (6)	and Business (6)
and Business (6) Studio Arts (6 hours) ART 200 (3) 3-Dimensional Design ART 220 (3) Water Media I ART 230 (3) Sculpture I ART 245 (3) Introduction to Oil Painting ART 265 (3) Ceramics I ART 270 (3) Metalsmithing I Professional Applications (9hours) ARCH 301 (3) Appreciation of Architecture GERON 315 (3) Introduction to Gerontology ID 399 (1-2) Interior Design Practicum ID 410 (3) Housing & Its Environment ID 440 (3) Lighting for Interiors ID 599 (3-4) Interior Design Internship ID 630 (3) Topics in Advanced Interior Design Theory ID 650 (3) Adv Design and Behavior Interior Env ID 660 (3) Advanced Kitchen and Bath Design ID 710 (3) Housing and Facilities Mgmt. Proc./Appl ID 725 (3) Community Housing Needs Assessment ID 760 (3) Historic Pres/Restoration of Interiors THTRE 579 (3) Fundamentals of Stage Lighting	Studio Arts (6 hours)ART 200 (3) 3-Dimensional DesignART 220 (3) Water Media IART 230 (3) Sculpture IART 245 (3) Introduction to Oil PaintingART 265 (3) Ceramics IART 270 (3) Metalsmithing IProfessional Applications (9hours)ARCH 301 (3) Appreciation of ArchitectureGERON 315 (3) Introduction to GerontologyID 399 (1-2) Interior Design PracticumID 410 (3) Housing & Its EnvironmentID 440 (3) Lighting for InteriorsID 599 (3-4) Interior Design InternshipID 630 (3) Topics in Advanced Interior Design TheoryID 660 (3) Advanced Kitchen and Bath DesignID 680 (3) Historic Fabric DesignID 710 (3) Housing and Facilities Mgmt. Proc./ApplID 725 (3) Community Housing Needs AssessmentID 760 (3) Historic Pres/Restoration of Interiors
Business (6 hours)ACCTG 231 (3) Accounting for Bus. OperationsAGEC 202 (3) Small Business OperationsFINAN 552 (3) Real EstateMANGT 390 (3) Business Law IMANGT 420 (3) Management ConceptsMC 180 (3) Fundamentals of Public RelationsMKTG 400 (3) Intro to MarketingPSYCH 563 (3) Gender Issues in the Work PlaceUnrestricted electives (5-6 credit hours)	THTRE 579 (3) Fundamentals of Stage Lighting Business (6 hours) ACCTG 231 (3) Accounting for Bus. Operations AGEC 202 (3) Small Business Operations FINAN 552 (3) Real Estate MANGT 390 (3) Business Law I MANGT 420 (3) Management Concepts MC 180 (3) Fundamentals of Public Relations MKTG 400 (3) Intro to Marketing PSYCH 563 (3) Gender Issues in the Work Place Unrestricted electives (5-6 credit hours)
Total for graduation (125 credit hours)	Total for graduation (125 credit hours)

RATIONALE: ID 015 – First Year ID Student Assembly is being added to the Interior Design curriculum as a way to engage and support students during their first semester of study. The course is focused on learning strategies and resources that build toward successful outcomes for the remainder of their college studies. A credit hour adjustment is being made between 2 studios (ID 225 & ID 325) to balance resources and curricular needs.

EFFECTIVE DATE: Fall 2011

IMPACT ON OTHER UNITS: No impact on any other unit.