

Attachment 1  
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: AGECE 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: AGECE 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. Three hours lec. a week. 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: AGECE 315. Contemporary Issues in Global Food and Agricultural Systems. (3) I, II. A survey of contemporary economic issues affecting world agricultural systems including population growth, trade, globalization, natural resource and environmental policy. Three hours lecture a week. Prerequisite: AGECE 120, AGECE 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: AGECE 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: AGECE 500.

TO: AGECE 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. Two hours lec. and two hours lab a week. Prerequisite: AGECE 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

FROM:

TO:

<p>AGRONOMY (<del>32</del>):</p> <p>AGRON 220 Crop Science (4)</p> <p>AGRON 305 Soils (4)</p> <p>AGRON 330 Weed Science (3)</p> <p>AGRON 360 Crop Growth &amp; Development (3)</p> <p>AGRON 375 Soil Fertility (3)</p> <p>AGRON 405 Internship in Agronomy (3)</p> <p><del>AGRON 455 Computer Appl. In Agronomy (3)</del></p> <p><del>AGRON Electives (12)</del></p> <p>COMM/SOC. SCI./HUMAN./ECON/BUS (38)</p> <p>ECON 110 Prin. Macroeconomics (3)</p> <p>ENGL 100 Expository Writing I (3)</p> <p>ENGL 200 Expository Writing II (3)</p> <p>COMM 105 Public Speaking I (2)</p> <p>Communications Elective (3)</p> <p>Social Sci./Humanities Electives (9)</p> <p>Ag Econ &amp; Ag Bus/Bus Admin Electives (12)</p> <p>ACCTG 231 Acct. for Business Oper. (3)</p> <p>GENERAL ELECTIVES (<del>42-47</del>)</p> <p>BIOLOGICAL/PHYSICAL SCI. (<del>27-32</del>)</p> <p>BIOL 198 Principles of Biology (4) or BIOL 210 General Botany (4)</p> <p>CHM 210 Chemistry I (4)</p> <p>CHM 230 Chemistry II (4)</p> <p>BIOCH 265 Intro. Organic/Biochemistry (5) or CHM 350 General Organic Chemistry (3)</p> <p>MATH 100 College Algebra (3)</p> <p>STAT 350 Business &amp; Econ. Statistics (3)</p> <p>Two of the following courses:</p> <p>PHYS 113 General Physics (4) or PHYS 115 Descriptive Physics (5)</p> <p>AGRON 645 Soil Microbiology (4)</p> <p>BIOL 455 General Microbiology (4)</p> <p>ASI 500 Genetics (3)</p> <p>BIOL 500 Plant Physiology (4)</p> <p>BIOL 529 Fundamentals of Ecology (3)</p> <p>GEOG 508 Fundamentals of GIS (3)</p> <p>MATH 205 Gen. Calculus &amp; Linear Algebra (3)</p> <p>AGRICULTURE (13)</p> <p>AGEC 120 Agric. Econ. &amp; Agric. Bus. (3) or ECON 120 Prin. Microeconomics (3)</p> <p>ENTOM 300 Economic Entomology (3)</p> <p>GENAG 101 Agricultural Orientation (1)</p> <p>PLPTH 500 Plant Pathology (3)</p> <p>Agricultural Elective (3)</p>	<p>AGRONOMY (<u>31-32</u>):</p> <p>AGRON 220 Crop Science (4)</p> <p>AGRON 305 Soils (4)</p> <p>AGRON 330 Weed Science (3)</p> <p>AGRON 360 Crop Growth &amp; Development (3)</p> <p>AGRON 375 Soil Fertility (3)</p> <p>AGRON 405 Internship in Agronomy (3)</p> <p><u>AGRON Elective (14-15)</u></p> <p>COMM/SOC. SCI./HUMAN./ECON/BUS (38)</p> <p>ECON 110 Prin. Macroeconomics (3)</p> <p>ENGL 100 Expository Writing I (3)</p> <p>ENGL 200 Expository Writing II (3)</p> <p>COMM 105 Public Speaking I (2)</p> <p>Communications Elective (3)</p> <p>Social Sci./Humanities Electives (9)</p> <p>Ag Econ &amp; Ag Bus/Bus Admin Electives (12)</p> <p>ACCTG 231 Acct. for Business Oper. (3)</p> <p>GENERAL ELECTIVES (<u>11-17</u>)</p> <p>BIOLOGICAL/PHYSICAL SCI. (<u>28-33</u>)</p> <p>BIOL 198 Principles of Biology (4) or BIOL 210 General Botany (4)</p> <p>CHM 210 Chemistry I (4)</p> <p>CHM 230 Chemistry II (4)</p> <p>BIOCH 265 Intro. Organic/Biochemistry (5) or CHM 350 General Organic Chemistry (3)</p> <p>MATH 100 College Algebra (3)</p> <p>STAT 350 Business &amp; Econ. Statistics (3)</p> <p><u>CIS 102 Intro. Spreadsheet Applic. (1)</u></p> <p>Two of the following courses:</p> <p>PHYS 113 General Physics (4) or PHYS 115 Descriptive Physics (5)</p> <p>AGRON 645 Soil Microbiology (4)</p> <p>BIOL 455 General Microbiology (4)</p> <p>ASI 500 Genetics (3)</p> <p>BIOL 500 Plant Physiology (4)</p> <p>BIOL 529 Fundamentals of Ecology (3)</p> <p>GEOG 508 Fundamentals of GIS (3)</p> <p>MATH 205 Gen. Calculus &amp; Linear Algebra (3)</p> <p>AGRICULTURE (13)</p> <p>AGEC 120 Agric. Econ. &amp; Agric. Bus. (3) or ECON 120 Prin. Microeconomics (3)</p> <p>ENTOM 300 Economic Entomology (3)</p> <p>GENAG 101 Agricultural Orientation (1)</p> <p>PLPTH 500 Plant Pathology (3)</p> <p>Agricultural Elective (3)</p>
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**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:

TO:

<p>AGRONOMY (<del>34</del>):          AGRON 220 Crop Science (4)          AGRON 305 Soils (4)          AGRON 330 Weed Science (3)          AGRON 360 Crop Growth &amp; Development (3)          AGRON 375 Soil Fertility (3)          AGRON 385 Soil Fertility Lab (2)          AGRON 405 Internship in Agronomy (3)  <del>AGRON 455 Computer Appl. In Agronomy (3)</del>          AGRON 650 Integrated Weed Management (3)  <del>AGRON Elective (3)</del></p> <p>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)          AGECE 308 Farm and Ranch Management or              ACCTG 231 Acct. for Business Operations</p> <p>GENERAL ELECTIVES (<del>8-13</del>)</p> <p>BIOLOGICAL/PHYSICAL SCI. (<del>28-32</del>)          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)</p> <p>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)</p> <p>AGRICULTURE (29-30)          AGECE 120 Agric. Econ. &amp; 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)</p>	<p>AGRONOMY (30-31):          AGRON 220 Crop Science (4)          AGRON 305 Soils (4)          AGRON 330 Weed Science (3)          AGRON 360 Crop Growth &amp; 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></p> <p>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)          AGECE 308 Farm and Ranch Management or              ACCTG 231 Acct. for Business Operations</p> <p>GENERAL ELECTIVES (7-13)</p> <p>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)  <u>CIS 102 Intro. Spreadsheet Applic. (1)</u></p> <p>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)</p> <p>AGRICULTURE (29-30)          AGECE 120 Agric. Econ. &amp; 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)</p>
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**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:

TO:

<p>AGRONOMY (<del>35</del>):</p> <p>AGRON 220 Crop Science (4)</p> <p>AGRON 305 Soils (4)</p> <p>AGRON 330 Weed Science (3)</p> <p>AGRON 360 Crop Growth &amp; Development (3)</p> <p>AGRON 375 Soil Fertility (3)</p> <p>AGRON 630 Prin. Crop Improvement (3)</p> <p>AGRON 405 Internship in Agronomy (3)</p> <p><del>AGRON 455 Computer Appl. In Agronomy (3)</del></p> <p>AGRON 610 Biotechnology (3)</p> <p>AGRON Electives (6)</p> <p>COMM/SOCIAL SCI./HUMANITIES/ECON (26)</p> <p>ECON 110 Prin. Macroeconomics (3)</p> <p>AGEC 120 Agric. Econ. &amp; Agric. Bus. (3)</p> <p>AGEC 415 Global Ag. Econ., Hunger &amp; Pov. (3)</p> <p>ENGL 100 Expository Writing I (3)</p> <p>ENGL 200 Expository Writing II (3)</p> <p>COMM 105 Public Speaking I (2)</p> <p>Communications Elective (3)</p> <p>Social Sci./Humanities Electives (6)</p> <p>GENERAL ELECTIVES (<del>13-14</del>)</p> <p>BIOLOGICAL/PHYSICAL SCI. (<del>53-54</del>)</p> <p>BIOL 198 Principles of Biology (4) or BIOL 210 General Botany (4)</p> <p>BIOL 450 Modern Genetics (3) or ASI 500 Genetics (3)</p> <p>CHM 210 Chemistry I (4)</p> <p>CHM 230 Chemistry II (4)</p> <p>CHM 350 General Organic Chemistry (3)</p> <p>MATH 100 College Algebra (3)</p> <p>MATH 150 Plane Trigonometry (3)</p> <p>ENTOM 300 Economic Entomology (3)</p> <p>PLPTH 500 Plant Pathology (3)</p> <p>BIOL 500 Plant Physiology (4)</p> <p>PHYS 113 General Physics (4) or PHYS 115 Descriptive Physics (5)</p> <p>STAT 340 Biometrics (3)</p> <p>Plus 12 credit hours from the following courses:</p> <p>AGRON 770 Plant Genetics (3)</p> <p>BIOL 529 Fundamentals of Ecology (3)</p> <p>BIOL 675 Genetics of Microorganisms (3)</p> <p>BIOL 676 Molecular Genetics Lab (3)</p> <p>ENTOM 635 Intro. Plant Resist. To Pests (2)</p> <p>PLPTH 585 Crop Diseases (2)</p> <p>PLPTH 755 Plant Resistance to Diseases (2)</p> <p>BIOCH 521 General Biochemistry (3)</p> <p>MATH 220 Analytical Geom. &amp; Calculus I (4)</p> <p>MATH 221 Analytical Geom. &amp; Calculus II (4)</p> <p>PHYS 114 General Physics II (4)</p>	<p>AGRONOMY (34-35):</p> <p>AGRON 220 Crop Science (4)</p> <p>AGRON 305 Soils (4)</p> <p>AGRON 330 Weed Science (3)</p> <p>AGRON 360 Crop Growth &amp; Development (3)</p> <p>AGRON 375 Soil Fertility (3)</p> <p>AGRON 630 Prin. Crop Improvement (3)</p> <p>AGRON 405 Internship in Agronomy (3)</p> <p>AGRON 610 Biotechnology (3)</p> <p>AGRON Electives (<u>8-9</u>)</p> <p>COMM/SOCIAL SCI./HUMANITIES/ECON (26)</p> <p>ECON 110 Prin. Macroeconomics (3)</p> <p>AGEC 120 Agric. Econ. &amp; Agric. Bus. (3)</p> <p>AGEC 415 Global Ag. Econ., Hunger &amp; Pov. (3)</p> <p>ENGL 100 Expository Writing I (3)</p> <p>ENGL 200 Expository Writing II (3)</p> <p>COMM 105 Public Speaking I (2)</p> <p>Communications Elective (3)</p> <p>Social Sci./Humanities Electives (6)</p> <p>GENERAL ELECTIVES (<u>11-13</u>)</p> <p>BIOLOGICAL/PHYSICAL SCI. (<u>54-55</u>)</p> <p>BIOL 198 Principles of Biology (4) or BIOL 210 General Botany (4)</p> <p>BIOL 450 Modern Genetics (3) or ASI 500 Genetics (3)</p> <p>CHM 210 Chemistry I (4)</p> <p>CHM 230 Chemistry II (4)</p> <p>CHM 350 General Organic Chemistry (3)</p> <p>MATH 100 College Algebra (3)</p> <p>MATH 150 Plane Trigonometry (3)</p> <p>ENTOM 300 Economic Entomology (3)</p> <p>PLPTH 500 Plant Pathology (3)</p> <p>BIOL 500 Plant Physiology (4)</p> <p>PHYS 113 General Physics (4) or PHYS 115 Descriptive Physics (5)</p> <p>STAT 340 Biometrics (3)</p> <p><u>CIS 102 Intro. Spreadsheet Applic. (1)</u></p> <p>Plus 12 credit hours from the following courses:</p> <p>AGRON 770 Plant Genetics (3)</p> <p>BIOL 529 Fundamentals of Ecology (3)</p> <p>BIOL 675 Genetics of Microorganisms (3)</p> <p>BIOL 676 Molecular Genetics Lab (3)</p> <p>ENTOM 635 Intro. Plant Resist. To Pests (2)</p> <p>PLPTH 585 Crop Diseases (2)</p> <p>PLPTH 755 Plant Resistance to Diseases (2)</p> <p>BIOCH 521 General Biochemistry (3)</p> <p>MATH 220 Analytical Geom. &amp; Calculus I (4)</p> <p>MATH 221 Analytical Geom. &amp; Calculus II (4)</p> <p>PHYS 114 General Physics II (4)</p>
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**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:

TO:

<p>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 &amp; Pasture Plants (1)  <del>AGRON 660 Range Research Techniques (3)</del>                   AGRON 670 Range Management Problems (3)                  AGRON 681 Range Ecology (3)                  AGRON 762 Range Grasses (2)                  AGRON 790 Range Management Planning (3)  <del>AGRON 455 Computer Appl. In Agronomy (3)</del>                   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)                  AGECE 120 Agric. Econ. &amp; 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)</p>	<p>AGRONOMY (31-32):                  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 &amp; 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)  <u>CIS 102 Intro. Spreadsheet Applic. (1)</u>                   AGRICULTURE (13)                  AGECE 120 Agric. Econ. &amp; 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)</p>
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**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:

TO:

<p>AGRONOMY (38):                  AGRON 220 Crop Science (4)                  AGRON 305 Soils (4)                  AGRON 335 Environmental Quality (3)  <del>AGRON 360 Crop Growth &amp; Development (3)</del>  <del>AGRON 375 Soil Fertility (3)</del>  <del>AGRON 385 Soil Fertility Lab (2)</del>  <del>AGRON 515 Soil Genesis and Classification (3)</del>  <del>AGRON 605 Soil &amp; Environmental Chemistry (3)</del>  <del>AGRON 635 Soil Conservation &amp; Management (3)</del>  <del>AGRON 645 Soil Microbiology (3)</del>  <del>AGRON 646 Soil Microbiology Lab (1)</del>  <del>AGRON 746 Physical Properties of Soils (3)</del>  <del>AGRON 455 Computer Appl. In Agronomy (3)</del></p> <p>COMM/SOCIAL SCI./HUMANITIES/ECON (26)                  AGECE 120 Agric. Econ. &amp; Agric. Bus (3) or                  ECON 120 Prin. Microeconomics (3)                  AGECE 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)</p> <p>GENERAL ELECTIVES (12-16)</p> <p>BIOLOGICAL/PHYSICAL SCI. (47-54)                  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)</p> <p>Five of the following courses:                      AGRON 655 Site Specific Agriculture (3)                      ATM 661 Water &amp; 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)  <del>GEOG 340 Geography of Natural Resources (3)</del>                      GEOG 508 Fundamentals of GIS (3)</p>	<p>AGRONOMY (38):                  AGRON 220 Crop Science (4)                  AGRON 305 Soils (4)                  AGRON 335 Environmental Quality (3)  <u>AGRON 405 Internship in Agronomy (3)</u>  <u>Plus 18 credit hours from the following courses:</u>                      <u>AGRON 360 Crop Growth &amp; Development (3)</u>                      <u>AGRON 375 Soil Fertility (3)</u>                      <u>AGRON 385 Soil Fertility Lab (2)</u>                      <u>AGRON 501 Range Management (3)</u>                      <u>AGRON 515 Soil Genesis and Classification (3)</u>                      <u>AGRON 605 Soil &amp; Environmental Chemistry (3)</u>                      <u>AGRON 625 Applications of Nutrient Mgmt. (3)</u>                      <u>AGRON 635 Soil Conservation &amp; Management (3)</u>                      <u>AGRON 645 Soil Microbiology (3)</u>                      <u>AGRON 646 Soil Microbiology Lab (1)</u>                      <u>AGRON 746 Physical Properties of Soils (3)</u>  <u>AGRON Elective (3)</u>  <u>Environmental Science Elective (3)</u></p> <p>COMM/SOCIAL SCI./HUMANITIES/ECON (26)                  AGECE 120 Agric. Econ. &amp; Agric. Bus (3) or                  ECON 120 Prin. Microeconomics (3)                  AGECE 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)                      <u>GEOG 340 Geography of Natural Resources (3)</u></p> <p>GENERAL ELECTIVES (10-15)</p> <p>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)  <u>CIS 102 Intro. Spreadsheet Applic. (1)</u></p> <p>Five of the following courses:                      AGRON 655 Site Specific Agriculture (3)                      ATM 661 Water &amp; 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 508 Fundamentals of GIS (3)</p>
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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)	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)
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**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. Instead of requiring specific soil science courses, we are changing the curriculum to allow students to choose from a restricted list of soil and environmental science courses. In the future, we plan to add 1 and 2 hour courses as special topics that deal with relevant “hot” topics in soil and environmental science. Students can use these courses as soil and environmental science electives. GEOG 340 is being moved from list of restricted electives in the Biological and Physical Sciences to the list of restricted electives in the Social Sciences/Humanities.

**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

## Animal Sciences and Industry

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

### 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	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
FDSCI	302	Intro Food Science	3

(Plus 2 courses - 2 other AG Depts.)

(1 hour courses cannot be applied)

AGCOM - AGCOM 400

AGEC - ~~AGEC 120 to 420, 500 to 525, 590 to 632, 712~~

ATM - ~~ATM 160 to 329, 571, 572 to 661~~

AGRON - ~~220, 305, 330 to 385, 430, 501, 550, 630 to 660, 681 to 790~~

ENTOM - ~~ENTOM 250 or 301, 300, 305, 312, 314 to 620, 692 to 767~~

GRSC - ~~GRSC 100 to 120, 150, 305 to 510, 602 to 661, 710 to 737, 750 to 785~~

HORT - ~~HORT 201 to 525, 535 to 625, 706 to 751~~

FOR - ~~FOR 210 to 311, 330 to 375, 510, 520, 643~~

RRES - ~~RRES 210 to 490, 521 to 705~~

PLPTH - ~~PLPTH 500 to 745~~

GENAG - GENAG 450

### BIOLOGICAL SCIENCES

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, 674~~

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

### BUSINESS & ECONOMICS

ACCTG 231 Accounting Bus Ops 3  
(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 Animal Sciences & Ind 1

ASI 106 Dairy/Poultry Lab 1

ASI 318 Fund. of Nutrition 3

ASI 350 Meat Science -OR- 3

ASI 405 Fund Milk Processing 3

ASI 580 ASI Seminar 1

FDSCI 690 Principles of HACCP 2

FDSCI 607 Food Microbiology 4

FDSCI 695 QA of Food Products 3

(Select 1 course)

ASI 515 Beef 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

### PHYSICAL SCIENCES

BIOCH 265 Intro Org & BioChem 5

~~PHYS 115 Descriptive Physics 5~~

### ANIMAL SCIENCE

(Select 18 hours)

ASI 315 Livestock & Meat Eval 3

ASI 361 Meat Animal Processing 2

ASI 370 Prin. Meat Evaluation 2

ASI 495 Adv. Meat Eval 2

ASI 500 Genetics 3

ASI 533 Anatomy & Physiology 4

~~ASI 599 Internship 1-3~~

ASI 608 Dairy Food Processing Tech 3

ASI 610 Processed Meat Ops 2

ASI 640 Poultry Product Tech 3

ASI 777 Meat Technology 3

FDSCI 305 Fund Food Process 3

FDSCI 430 Food Product Eval 3

~~GRSC 540 Intro Food Engr 3~~

~~GRSC 541 Intro Food Engr Lab 1~~

TO: B.S.: Agriculture Major: Animal Sciences & Industry Option: Animal Products

**GENERAL COURSES**

GENAG	101	Ag Orientn –OR-	1
GENAG	200	College Careers	0
CHM	110	General Chemistry	3
CHM	111	Gen Chemistry Lab	1
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	College Algebra	3
COMM	105	Public Speaking IA 2	

**AGRICULTURE**  
(Select 2 courses from 2 other AG Depts. – min. 5 hrs)  
(1 hour courses cannot be applied)

- AGCOM – AGCOM 400
- AGEC – Any AGECE course except AGECE 490
- ASI – ASI 660
- 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**

BIOPH	265	Intro Org & BioChem	5
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
- 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

**BUSINESS & ECONOMICS**

ACCTG	231	Accounting Bus Ops	3
<b>(Select 4 other courses, min. 12 hours)</b>			
AGEC - AGECE 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 3 hours)**

- 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, 111, 112, 120, & 180

**ANIMAL & FOOD SCIENCE**

ASI	102	Prin Animal Science	3
ASI	105	Animal Sciences & Ind	1
ASI	106	Dairy/Poultry Lab	1
ASI	318	Fund. of Nutrition	3
ASI	580	ASI Seminar	1
FDSCI	302	Intro Food Science	3
FDSCI	690	Principles of HACCP	2
FDSCI	607	Food Microbiology	4
FDSCI	695	QA of Food Products	3
<b>(Select 1 course)</b>			
ASI	350	Meat Science	3
ASI	405	Fund Milk Processing	3
<b>(Select 1 course)</b>			
ASI	515	Beef 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
<b>(Select 18 hours)</b>			
ASI	315	Livestock & Meat Eval	3
ASI	361	Meat Animal Processing	2
ASI	370	Prin. Meat Evaluation	2
ASI	495	Adv. Meat Evaluation	2
ASI	500	Genetics	3
ASI	510	Animal Breeding	3
ASI	533	Anatomy & Physiology	4
ASI	608	Dairy Food Processing Tech	3
ASI	610	Processed Meat Ops	2
ASI	640	Poultry Product Tech	3
ASI	650	I.D. Data Mngt Food Animal	2
ASI	655	Behavior Domestic Animals	3
ASI	777	Meat Technology	3
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 and approve of the changes. 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

**GENERAL 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	2

**AGRICULTURE**

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

(Plus 2 courses - 2 other AG Depts. min. 5 hours)

(1 hour courses cannot be applied)

AGCOM – AGCOM 400

~~AGEC – AGEC 120 to 420, 500 to 525, 590 to 632, 712~~

~~ATM – ATM 160 to 329, 571, 572 to 661~~

~~AGRON – 220, 305, 330 to 385, 430, 501, 550, 630 to 660, 681 to 790~~

~~FDSCI – FDSCI 302, 305, 690~~

~~ENTOM – ENTOM 250 or 301, 300, 305, 312, 314 to 620, 692 to 767~~

~~GRSC – GRSC 100 to 120, 150, 305 to 510, 602 to 661, 710 to 737, 750 to 785~~

~~HORT – HORT 201 to 525, 535 to 625, 706 to 751~~

~~FOR – FOR 210 to 311, 330 to 375, 510, 520, 643~~

~~RRES – RRES 210 to 490, 521 to 705~~

~~PLPTH – PLPTH 500 to 745~~

GENAG – GENAG 450

**BIOLOGICAL SCIENCES**

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

**BIOSCIENCES/BIOTECH**

ASI	200	Intro Research in ASI	1
(Select 4 courses)			
ASI	600	Applied Animal Biotechnology	2*
PLPTH	610	Biotechnology	3*
<del>BIOL</del>	<del>310</del>	<del>Bioethics – OR</del>	<del>3</del>
<del>GENAG</del>	<del>450</del>	<del>Cit Ethics in Agriculture</del>	<del>3</del>
<del>ASI</del>	<del>510</del>	<del>Animal Breeding</del>	<del>3</del>
<del>ASI</del>	<del>658</del>	<del>Fund Animal Growth</del>	<del>3</del>
BIOL	450	Modern Genetics	3
BIOL	510	Developmental Biology	3
BIOL	511	Developmental Biology Lab	1
BIOL	541	Cell Biology	3
BIOL	671	Immunology	4
BIOL	671	Immunology Lab	2

\* At least one of these 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	General Organic Chemistry Lab	2
BIOCH	521	General Biochemistry	3
BIOCH	522	General Biochemistry Lab	2

**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 205, 210, 211, 220, 221, 222

PHYS – PHYS 113, 114

~~STAT – STAT 340, 341~~

**COMMUNICATIONS**

(Minimum 3 hours)

AGCOM – AGCOM 310, 400, 410

COMM – COMM 311, 321, 322, 326

ENGL – ENGL 300, 516

~~MC – MC 110, 120, 180, 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	400	Farm Animal Reproduction	4
ASI	520	Companion/Lab Animal Mngt	3
ASI	580	ASI Seminar	1
(Select 2 courses)			
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
ASI	640	Poultry Product Tech	3
ASI	655	Behavior Domestic Animals	3
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	College Algebra	3
COMM	105	Public Speaking IA 2	

**AGRICULTURE**

(Plus 2 courses - 2 other AG Depts. min. 5 hours)

(1 hour courses cannot be applied)

AGCOM – AGCOM 400

AGEC – Any AGEC course except AGECE 490

ASI – ASI 660

ATM – Any ATM course

AGRON – Any AGRON course

FDSCI – Any FDSCI course

ENTOM – Any ENTOM course

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

**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 – 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

**BIOSCIENCES/BIOTECH**

ASI	200	Intro Research in ASI	1
BIOL	455	General Microbiology	4

(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
<b>(Select 4 courses)</b>			
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	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	3
PLPTH	612	Genomics Applications	3
PLPTH	613	Bioinformatics Apps	2

\* At least one of these biotech courses must be included in the select 4.

**BUSINESS & ECONOMICS**

(2 courses, total 6 hours)

AGEC - AGECE 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
STAT	340	Biometrics I	3
STAT	350	Business & Econ Statistics	3

**PHYSICS/MATH/COMPUTERS**

(Minimum 3 hours)

ASI – ASI 490

CIS – CIS 101, 102, 103, 104, 105

MATH – MATH 205, 210, 211, 220, 221, 222

PHYS – PHYS 113, 114

**COMMUNICATIONS**

(Minimum 3 hours)

AGCOM – AGCOM 310, 400, 410, 590 & 610

COMM – COMM 311, 321, 322, 326

ENGL – ENGL 300, 516

MC – MC 110, 111, 112, 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
<b>(Select 2 courses)</b>				FDSCI	607	Food Microbiology	4
ASI	315	Livestock & Meat Eval	3	<b>(Select 1 course)</b>			
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 and approves of the changes.

**EFFECTIVE DATE:** Fall 2011

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

**GENERAL 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 courses - 2 other AG Depts. min. 8 hours)**  
(1 hour courses cannot be applied, cannot use courses from AGECE)

- AGCOM – AGCOM 400
- ATM – ATM ~~160 to 329, 571, 572 to 661~~
- AGRON – 220, 305, 330 to 385, 430, 501, 550, 630 to 660, 681 to 790
- FDSCI – ~~FDSCI 302, 305, 690~~
- ENTOM – ENTOM 250 or 301, 300, 305, 312, 314 to 620, 692 to 767
- GRSC – ~~GRSC 100 to 120, 150, 305 to 510, 602 to 661, 710 to 737, 750 to 785~~
- HORT – ~~HORT 201 to 525, 535 to 625, 706 to 751~~
- FOR – ~~FOR 210 to 311, 330 to 375, 510, 520, 643~~
- RRES – RRES 210 to 490, 521 to 705
- PLPTH – ~~PLPTH 500 to 745~~
- GENAG – GENAG 450

**BIOLOGICAL SCIENCES**

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

**BUSINESS & ECONOMICS**

ACCTG	231	Acctg for Bus Ops	3
ACCTG	241	Acctg for Inv & Fin	3

(plus 6 courses, min. 18 hours)

- AGEC - AGECE 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
ASI	106	Dairy/Poultry Lab	1
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
<del>ASI</del>	<del>601</del>	<del>Physiology of Lactation</del>	<del>3</del>
ASI	640	Poultry Product Tech	3

**(Select 1 course)**

ASI	315	Livestock & Meat Eval	3
<del>ASI</del>	<del>405</del>	<del>Fund Milk Processing</del>	<del>3</del>
<del>FDSCI</del>	<del>607</del>	<del>Food Microbiology</del>	<del>4</del>

**(Select 2 courses)**

ASI	515	Beef Science	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: Business

**GENERAL 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	Expository Writing II	3
MATH	100	College Algebra	3
COMM	105	Public Speaking IA	2

**AGRICULTURE**

AGEC	120	Ag Econ & Agribusiness	3
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**(Plus 2 courses - 2 other AG Depts. min. 5 hours)**  
(1 hour courses cannot be applied, cannot use courses from AGECE)

- AGCOM – AGCOM 400
- ASI – ASI 660
- ATM – Any ATM course
- AGRON – Any AGRON course
- FDSCI – Any FDSCI course
- ENTOM – Any ENTOM course
- 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**

ASI	500	Genetics	3
ASI	533	Anatomy & Physiology	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 – 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

**BUSINESS & ECONOMICS**

ACCTG	231	Acctg for Bus Ops	3
ACCTG	241	Acctg for Inv & Fin	3
(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, 590, 610, 712
- COMM – COMM 311, 321, 322, 326
- ENGL – ENGL 300, 516
- GENAG - 450
- MC – MC 110, 111, 112, 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	318	Fund. of Nutrition	3
ASI	320	Principles of Feeding	3
ASI	400	Farm Animal Reproduction	4
ASI	580	ASI Seminar	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
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

**(Minimum 9 hours)**

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	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
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	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.

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**

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
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**(Plus 4 courses - 2 other AG Depts. min. 11 hours)**

(1 hour courses cannot be applied, cannot use courses from AGCOM)

<del>ATM - ATM 160 to 329, 571, 572 to 661</del>			
<del>AGEC - AGEC 120 to 420, 500 to 525, 590 to 632, 712</del>			
<del>AGRON - 220, 305, 330 to 385, 430, 501, 550, 630 to 660, 681 to 790</del>			
<del>FDSCI - FDSCI 302, 305, 690</del>			
<del>ENTOM - ENTOM 250 or 301, 300, 305, 312, 314 to 620, 692 to 767</del>			
<del>GRSC - GRSC 100 to 120, 150, 305 to 510, 602 to 661, 710 to 737, 750 to 785</del>			
<del>HORT - HORT 201 to 525, 535 to 625, 706 to 751</del>			
<del>FOR - FOR 210 to 311, 330 to 375, 510, 520, 643</del>			
<del>RRES - RRES 210 to 490, 521 to 705</del>			
<del>PLPTH - PLPTH 500 to 745</del>			
GENAG - GENAG 450			

**BIOLOGICAL SCIENCES**

BIOL	198	Principles of Biology	4
ASI	500	Genetics	3
ASI	533	Anatomy & Physiology	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			
<del>ENVD - ENVD 250, 251, 655, 670, 671</del>			
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		

**BUSINESS & ECONOMICS**

ACCTG	231	Acctg for Bus Ops	3
(plus 1 course, total 3 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**

**(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**

MC	110	Mass Comm in Society	3
MC	200	News & Feature Writing	3
MC	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 400 to 799

**(Minimum 3 hours)**

AGCOM - Any Course

COMM - Any Course

MC - Any Course

**ANIMAL SCIENCE**

ASI	105	Animal Sciences & Ind	1
ASI	106	Dairy/Poultry Lab	1
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 Domest Anmls	3

~~FDSCI 607 Food Microbiology 4~~

**(Select 2 courses)**

ASI	515	Beef Science	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: Communications

**GENERAL 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	Expository Writing II	3
MATH	100	College Algebra	3
COMM	105	Public Speaking IA	2

**AGRICULTURE**

(Select 4 courses - 2 other AG Depts. min. 11 hours)

(1 hour courses cannot be applied, cannot use courses from AGCOM)

ASI – ASI 660

ATM – Any ATM course

AGEC – Any AGECE course except AGECE 490

AGRON – Any AGRON course

FDSCI – Any FDSCI course

ENTOM – Any ENTOM course

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

**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 – 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

**BUSINESS & ECONOMICS**

ACCTG 231 Acctg for Bus Ops 3

(plus 1 course, total 3 hours)

AGEC - AGECE 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**

(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**

MC	110	Mass Comm in Society	3
MC	200	News & Feature Writing	3
MC	241	Editing	3
MC	303	Adv News & Feature Writing	3
MC	341	News Design	3
MC	466	Law of Mass Communications	3

(Select 1)

MC 111 Journalism in a Free Society 3

MC 112 Web Comm in Society 3

MC 120 Principles of Advertising 3

MC 180 Fund of Public Relations 3

(Minimum 3 hours)

MC – MC 400 to 799

(Minimum 3 hours)

AGCOM – Any Course

COMM – Any Course

MC – Any Course

**ANIMAL SCIENCE**

ASI	102	Prin Animal Science	3
ASI	318	Fundamentals of Nutrition	3
ASI	400	Farm Animal Reproduction	4
ASI	500	Genetics	3
ASI	533	Anatomy & Physiology	4
ASI	580	ASI Seminar	1

(Select 1 course)

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

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

(Minimum 9 hours)

ASI 315 Livestock & Meat Eval 3

ASI 320 Principles of Feeding 3

ASI 504 Equine Reproductive Mng t 3

ASI 510 Animal Breeding Principles 3

ASI 512 Bovine Reproductive Tech 2

ASI 540 Prin Animal Disease 3

ASI 595 Contemporary Issues in ASI 3

ASI 601 Physiology of Lactation 3

ASI 602 Equine Breeding/Genetics 2

ASI 610 Processed Meat Operations 2



ASI	620	Livestock Production Mngt	2
ASI	650	I.D. Data Management	2
ASI	655	Behavior Domst Anmls	3
ASI	675-679	Non-Ruminant Ntrtn Modules	1-4
ASI	680-685	Ruminant Nutrition Modules	1-6

ASI	695	Equine Exercise Physiology	3
ASI	710	Phys Repro Farm Animals	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.

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**

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 courses - 2 other AG Depts. min. 8 hours)

(1 hour courses cannot be applied)

AGCOM – AGCOM 400

ATM – ~~ATM 160 to 329, 571, 572 to 661~~

AGEC – ~~AGEC 120 to 420, 500 to 525, 590 to 632, 712~~

AGRON – ~~220, 305, 330 to 385, 430, 501, 550, 630 to 660, 681 to 790~~

FDSCI – ~~FDSCI 302, 305, 690~~

ENTOM – ~~ENTOM 250 or 301, 300, 305, 312, 314 to 620, 692 to 767~~

GRSC – ~~GRSC 100 to 120, 150, 305 to 510, 602 to 661, 710 to 737, 750 to 785~~

HORT – ~~HORT 201 to 525, 535 to 625, 706 to 751~~

FOR – ~~FOR 210 to 311, 330 to 375, 510, 520, 643~~

RRES – ~~RRES 210 to 490, 521 to 705~~

PLPTH – ~~PLPTH 500 to 745~~

GENAG – GENAG 450

**BIOLOGICAL SCIENCES**

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

**BUSINESS & ECONOMICS**

(Select 1 course)

ACCTG 231 Acctg for Bus Ops 3

AGEC 308 Farm Ranch Mngmt 3

(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

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 1 course)

ASI 315 Livestock & Meat Eval 3

ASI 405 Fund Milk Processing 3

ASI 640 Poultry Product Tech 3

~~FDSCI 607 Food Microbiology 4~~

(Select 3 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 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**

GENAG	101	Ag Orientn -OR-	1
GENAG	200	College Careers	0
CHM	110	General Chemistry	3
CHM	111	General Chemistry Lab	1
<b>BIOL</b>	<b>198</b>	<b>Principles of Biology</b>	<b>4</b>
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**  
 AGECE 120 Ag Econ & Agribusiness 3  
**(Plus 3 courses - 2 other AG Depts. min. 8 hours)**  
 (1 hour courses cannot be applied)

- AGCOM – AGCOM 400  
 AGECE – Any AGECE course except AGECE 490  
 ASI – ASI 660  
 ATM – Any ATM course  
 AGRON – Any AGRON course  
 FDSCI – Any FDSCI course  
 ENTOM – Any ENTOM course  
 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

**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 – 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

**BUSINESS & ECONOMICS**

**(Select 1 course)**

- ACCTG 231 Acctg for Bus Ops 3  
 AGECE 308 Farm Ranch Mngmt 3  
**(plus 4 courses, min. 12 hours)**  
 AGECE - AGECE 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, 590, 610, 712  
 COMM – COMM 311, 321, 322, 326  
 ENGL – ENGL 300, 516  
 GENAG - 450  
 MC – MC 110, 111, 112, 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	318	Fund. of Nutrition	3
ASI	320	Principles of Feeding	3
ASI	400	Farm Animal Reproduction	4
ASI	500	Genetics	3
ASI	510	Animal Breeding Pr.	3
ASI	533	Anatomy & Physiology	4
ASI	580	ASI Seminar	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
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

**(Minimum 9 hours)**

ASI	315	Livestock & Meat Eval	3
ASI	504	Equine Repro Mngt	3
ASI	512	Bovine Repro Tech	2
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
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	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

**GENERAL 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 2	

**AGRICULTURE**

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

(Plus 3 courses - 2 other AG Depts. min. 8 hours)

(1 hour courses cannot be applied)

AGCOM – AGCOM 400

AGEC – ~~AGEC 120 to 420, 500 to 525, 590 to 632, 712~~

ATM – ~~ATM 160 to 329, 571, 572 to 661~~

AGRON – ~~220, 305, 330 to 385, 430, 501, 550, 630 to 660, 681 to 790~~

FDSCI – ~~FDSCI 302, 305, 690~~

ENTOM – ~~ENTOM 250 or 301, 300, 305, 312, 314 to 620, 692 to 767~~

GRSC – ~~GRSC 100 to 120, 150, 305 to 510, 602 to 661, 710 to 737, 750 to 785~~

HORT – ~~HORT 201 to 525, 535 to 625, 706 to 751~~

FOR – ~~FOR 210 to 311, 330 to 375, 510, 520, 643~~

RRES – ~~RRES 210 to 490, 521 to 705~~

PLPTH – ~~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, 674~~

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)

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

**BUSINESS & ECONOMICS**

(2 courses, total 6 hours)

AGEC - AGECE 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
<b>(Select 1 course)</b>			
ASI	350	Meat Science	3
ASI	361	Meat Animal Processing	2
ASI	601	Physiology of Lactation	3
<b>(Select 2 courses)</b>			
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
<del>FDSCI</del>	<del>607</del>	<del>Food Microbiology</del>	<del>4</del>
<b>(Select 2 courses)</b>			
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

**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	College Algebra	3
COMM	105	Public Speaking IA	2

**AGRICULTURE**

(Plus 2 courses - 2 other AG Depts. min. 5 hours)

(1 hour courses cannot be applied)

AGCOM – AGCOM 400

AGEC – Any AGEC course except AGECE 490

ASI – ASI 660

ATM – Any ATM course

AGRON – Any AGRON course

FDSCI – Any FDSCI course

ENTOM – Any ENTOM course

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**

BIOL	455	General Microbiology 4	
			<b>(Minimum 12 hours)</b>
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

**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 – 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

**BUSINESS & ECONOMICS**

**(2 courses, total 6 hours)**

AGEC - AGECE 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 150, 205, 210, 211, 220, 221, 222

PHYS – PHYS 113, 114

STAT – STAT 325, 340, 350

**COMMUNICATIONS**

**(Minimum 3 hours)**

AGCOM – AGCOM 310, 400, 410

COMM – COMM 311, 321, 322, 326

ENGL – ENGL 300, 516

MC – MC 110, 111, 112, 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	320	Principles of Feeding	3
ASI	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	695	Equine Exercise Physiology	3
FDSCI	305	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

**(Minimum 9 hours)**

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	533	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	Lvstck 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:

<p><b>COMMUNICATIONS</b> <span style="float: right;"><b>8 hours</b></span></p> <p>ENGL 100 (3) Expository Writing I          ENGL 200 (3) Expository Writing II          COMM 105 (2) Public Speaking I A</p> <p><b>HUMANITIES/SOCIAL SCIENCES</b> <span style="float: right;"><b>6 hours</b></span></p> <p>PSYCH 110* (3) General Psychology          SOCIO 211* (3) Intro Sociology</p> <p><b>MATH/CHEMICAL SCIENCES</b> <span style="float: right;"><b>10 hours</b></span></p> <p>CHM 110* (3) General Chemistry          CHM 111* (1) General Chemistry Lab          MATH 100 (3) College Algebra          STAT 325* (3) Introduction to Statistics</p> <p><b>AGRIC./BIOLOGICAL SCIENCES</b> <span style="float: right;"><b>15 hours</b></span></p> <p>AGRON 305 (4) Soils          BIOL 198* (4) Principles of Biology          ENTOM 320 (3) Horticultural Entomology          GENAG 101 (1) Ag Orientation          PLPTH 500 (3) Princ. Plant Pathology</p> <p><b>ECON./BUSINESS ELECTIVES</b> <span style="float: right;"><b>9 hours</b></span></p> <p>ECON 110 (3) Prin. of Macroeconomics          OR          AGECE 120* (3) Ag. Economics &amp; Agribusiness          OR          ECON 120* (3) Prin. of Microeconomics          (6) Business electives</p> <p><b>HORTICULTURE REQUIREMENT</b> <span style="float: right;"><b>23 hours</b></span></p> <p>HORT 190 (1) Pre-internship in Horticulture          HORT 201 (4) Principles of Hort. Science          HORT 350 (3) Plant Propagation          HORT 520 (3) Fruit Production          OR          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</p> <p><b>HORTICULTURAL THERAPY SPECIALIZATION</b> <span style="float: right;"><b>29 hours</b></span></p> <p>HORT 256* (3) Human Dimensions of Hort.          HORT 374 (3) Woody Plant Materials I          HORT 376 (3) Herbaceous Ornamental Plants          HORT 377 (3) Plants in the Interior Environment          HORT 525 (3) Horticulture for Special Populations          HORT 530 (1) Horticultural Therapy Case Mgt.          HORT 535 (3) Horticultural Therapy Field Techniques          HORT 540 (3) Horticultural Therapy Field Experiences          HORT 570 (3) Greenhouse Operations Mgt.          HORT 600 (2) Herb. Landscape Plant Prod.          HORT 625 (2) Floral Crops Prod. and Handling</p> <p><b>HUMAN SCIENCES AND SERVICE</b> <span style="float: right;"><b>12 hours</b></span></p> <p>PSYCH 505 (3) Abnormal Psychology          PSYCH 520 (3) Life Span Personality Dev.          SOCIO 360 (3) Social Problems</p> <p>THTRE 665 (3) Drama Therapy with Special Populations</p> <p><b>PROFESSIONAL ELECTIVES</b> <span style="float: right;"><b>12-14 hours</b></span>          Choose 4 courses from the list below:</p>	
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<del>AMETH 160* (3) Intro. To Am. Ethnic Studies</del>	
<del>ANTH 204* (3) A General Ed. Intro. to Cultural Anthropology</del>	
<del>BIOL 330* (3) Public Health Biology</del>	
<del>EDSP 500 (3) Intro. to Human Exceptionality</del>	
<del>FSHS 110* (3) Intro. To Human Development</del>	
<del>FSHS 310 (3) Early Childhood</del>	
<del>FSHS 350* (3) Family Relationships and Gender Roles</del>	
<del>FSHS 415 (3) Manual Communication</del>	
<del>FSHS 506 (3) Mid. Childhood &amp; Adolescence</del>	
<del>GERON 315 (3) Intro. To Gerontology</del>	
<del>HIST 534 (3) Social History of Medicine</del>	
<del>KIN 220* (4) Biobehavioral Bases of Exercise</del>	
<del>KIN 345 (4) Social &amp; Behavioral Epidemiology of Public Health Physical Activity</del>	
<del>MC 180 (3) Fund. of Public Relations</del>	
<del>PHILO 365* (3) Medical Ethics</del>	
<del>PSYCH 202* (3) Drugs and Behavior</del>	
<del>PSYCH 280* (3) Psychology of Childhood &amp; Adolescence</del>	
<del>PSYCH 470 (3) Psychobiology</del>	
<del>PSYCH 535 (3) Social Psychology</del>	
<del>SOCIO 361 (3) Sociology of the Criminal Justice System</del>	
<del>SOCIO 432 (3) Community Organ. &amp; Leadership</del>	
<del>SOCIO 460 (3) Juvenile Delinquency</del>	
<b>FREE ELECTIVES</b>	<b>4-6 hours</b>
<b>TOTAL CREDITS FOR GRADUATION</b>	<b>130</b>

RATIONALE: Low enrollment in the option has dictated discontinuance.

IMPACT: No impact on other departments.

EFFECTIVE DATE: Spring 2011

Public Horticulture Option

DROP:

<b>COMMUNICATIONS</b>	<b>11 hours</b>
ENGL 100 (3) Expository Writing I	
ENGL 200 (3) Expository Writing II	
COMM 106 (3) Public Speaking	
<b>HUMANITIES/SOCIAL SCIENCES ELECTIVES</b>	<b>9 hours</b>
AMETH 160* (3) Intro. to Am. Ethnic Studies	
PSYCH 110* (3) General Psychology	
SOCIO 211* (3) Intro to Sociology	
<b>MATH/CHEMICAL SCIENCES</b>	<b>10 hours</b>
CHM 110* (3) General Chemistry	
CHM 111* (1) General Chemistry Lab	
MATH 100 (3) College Algebra	
STAT 325* (3) Intro. To Statistics	
<b>OR</b>	
STAT 350* (3) Business and Economic Stat.	
<b>AGRIC./BIOLOGICAL SCIENCES</b>	<b>19 hours</b>
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	
<b>BUSINESS</b>	<b>12 hours</b>
ACCTG 231* (3) Accounting for Bus. Oper.	
AGEC 120* (3) Ag. Economics & Agribusiness	
<b>OR</b>	
ECON 120* (3) Princ. of Microeconomics	
MANGT 420 (3) Management Concepts	
MANGT 531 (3) Personnel & Human Resources Mgt.	
<b>HORTICULTURE REQUIREMENT</b>	<b>13 hours</b>
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 590 (0) The Horticultural Professional	
<b>PUBLIC HORTICULTURE SPECIALIZATION</b>	<b>33 hours</b>
HORT 256* (3) Human Dimensions of Hort.	
HORT 275 (3) Horticultural Design I	
HORT 301 (3) Horticulture Practicum	
HORT 360 (3) Public Horticulture	
HORT 508 (2) Landscape Maintenance	
HORT 570 (3) Greenhouse Ops. and 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.	
(6) Plant material electives	
(6) Specialization electives	
<b>PROFESSIONAL ELECTIVES</b>	<b>12-13 hours</b>
AGED 704 (3) Extension Org. & Programs	
AGED 706 (3) Prin. of Teach. Adults in Extension	
EDLST 212* (2-3) Intro. to Leadership Concepts	
GEOG 300* (3) Geography of Tourism	

<del>HMD 120 (2) Intro. to the Hospitality Industry</del>	
<del>HMD 230 (2) Issues in Tourism</del>	
<del>MC 120 (3) Prin. of Advertising</del>	
<del>MC 180 (3) Fund. of Public Relations</del>	
<del>PSYCH 564 (3) Psychology of Organizations</del>	
<del>RRES 489 (3) Program and Event Planning</del>	
<del>RRES 635 (3) Methods of Environmental Interp.</del>	
<b>FREE ELECTIVES</b>	<b>10-11 hours</b>
<b>TOTAL CREDITS FOR GRADUATION</b>	<b>130</b>

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 INTERIOR DESIGN B.S. in Interior Design	DEPARTMENT OF APPAREL, TEXTILES, AND INTERIOR DESIGN B.S. in Interior Design
<b>General studies Requirements (42-43 Hours)</b> <b>Communications (8-9 Hours)</b> COMM 105 (2) Public Speaking IA or COMM 106 (3) Public Speaking I ENGL 100 (3) Expository Writing I ENGL 200 (3) Expository Writing II <b>Quantitative Studies (6 Hours)</b> _____ (3) A statistics course MATH 100 (3) College Algebra or _____ (3) A college level calculus course <b>Social Sciences (9 Hours)</b> ECON 110 (3) Principles of Macroeconomics PSYCH 110 (3) General Psychology SOCIO 211 (3) Intro to Sociology <b>Natural Sciences (7 Hours)</b> _____ (3) Life science elective PHYS 101 (3) The Physical World I and PHYS 103 (1) The Physical World I Lab or PHYS 115 (5) Descriptive Physics <b>Humanities (6 Hours)</b> ART 196 (3) Survey of Art History II HIST 101 (3) Western Civ.: Rise of Europe <b>Additional Integrative Studies Courses (6 Hours)</b> University general education elective - 300 level or above (3) FSHS 350 (3) Family Rel & Gender Roles or GNHE 310 (3) Human Needs  <b>Professional Studies (77 Hours)</b> <b>Professional Courses (56 Hours)</b> AT 265 (3) Textiles ID 210 (3) Design & Behavior in the Interior Environment ID 225 (4) Interior Design Studio 1 ID 245 (4) Interior Design Studio 2 ID 310 (4) Construction Methods and Materials for ID ID 320 (3) History of Interior Design I ID 325 (3) Interior Design Studio 3 ID 345 (3) Interior Design Studio 4 ID 360 (3) History of Interior Design II ID 415 (3) Computer-Aided Visual Communication for ID ID 425 (3) Interior Design Studios 5 ID 435 (3) Environmental Systems for Interior Design ID 445 (3) Interior Design Studio 6 ID 530 (3) Interior Design Practices and Procedures ID 545 (4) Interior Design Studio 7 ID 645 (4) Interior Design Studio 8 ID 651 (3) Design for Supportive Environments  <b>Professional Elective (21 hours)</b> Select from the following content areas: Studio Arts (6)	<b>General studies Requirements (42-43 Hours)</b> <b>Communications (8-9 Hours)</b> COMM 105 (2) Public Speaking IA or COMM 106 (3) Public Speaking I ENGL 100 (3) Expository Writing I ENGL 200 (3) Expository Writing II <b>Quantitative Studies (6 Hours)</b> _____ (3) A statistics course MATH 100 (3) College Algebra or _____ (3) A college level calculus course <b>Social Sciences (9 Hours)</b> ECON 110 (3) Principles of Macroeconomics PSYCH 110 (3) General Psychology SOCIO 211 (3) Intro to Sociology <b>Natural Sciences (7 Hours)</b> _____ (3) Life science elective PHYS 101 (3) The Physical World I and PHYS 103 (1) The Physical World I Lab or PHYS 115 (5) Descriptive Physics <b>Humanities (6 Hours)</b> ART 196 (3) Survey of Art History II HIST 101 (3) Western Civ.: Rise of Europe <b>Additional Integrative Studies Courses (6 Hours)</b> University general education elective - 300 level or above (3) FSHS 350 (3) Family Rel & Gender Roles or GNHE 310 (3) Human Needs  <b>Professional Studies (77 Hours)</b> <b>Professional Courses (56 Hours)</b> AT 265 (3) Textiles <u>ID 015 (0) First Year ID Student Assembly.</u> ID 210 (3) Design & Behavior in the Interior Environment ID 225 (3) Interior Design Studio 1 ID 245 (4) Interior Design Studio 2 ID 310 (4) Construction Methods and Materials for ID ID 320 (3) History of Interior Design I ID 325 (4) Interior Design Studio 3 ID 345 (3) Interior Design Studio 4 ID 360 (3) History of Interior Design II ID 415 (3) Computer-Aided Visual Communication for ID ID 425 (3) Interior Design Studios 5 ID 435 (3) Environmental Systems for Interior Design ID 445 (3) Interior Design Studio 6 ID 530 (3) Interior Design Practices and Procedures ID 545 (4) Interior Design Studio 7 ID 645 (4) Interior Design Studio 8 ID 651 (3) Design for Supportive Environments  <b>Professional Elective (21 hours)</b> Select from the following content areas: Studio Arts (6)

<p>Professional Applications (9) and Business (6)</p> <p><i>Studio Arts (6 hours)</i> 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</p> <p><i>Professional Applications (9hours)</i> ARCH 301 (3) Appreciation of Architecture GERON 315 (3) Introduction to Gerontology ID 399 (1-2) Interior Design Practicum ID 410 (3) Housing &amp; 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 680 (3) Historic Fabric 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</p> <p><i>Business (6 hours)</i> 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</p> <p>Unrestricted electives (5-6 credit hours)</p> <p><b>Total for graduation (125 credit hours)</b></p>	<p>Professional Applications (9) and Business (6)</p> <p><i>Studio Arts (6 hours)</i> 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</p> <p><i>Professional Applications (9hours)</i> ARCH 301 (3) Appreciation of Architecture GERON 315 (3) Introduction to Gerontology ID 399 (1-2) Interior Design Practicum ID 410 (3) Housing &amp; 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 680 (3) Historic Fabric 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</p> <p><i>Business (6 hours)</i> 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</p> <p>Unrestricted electives (5-6 credit hours)</p> <p><b>Total for graduation (125 credit hours)</b></p>
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**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.