### Agricultural Economics

#### Description
Students in agricultural economics learn to apply economic and financial principles to the analysis of problems in agriculture, business, government, and other areas. The degree program offers students the opportunity to gain skills in planning, evaluation, and management that are useful in both private- and public-sector enterprises.

Agricultural economics students must choose one of four available options (General, Farm and Ranch Management, Public Policy, or Quantitative Analysis).

#### College Requirements

##### College Admission
Requirements for admission into the College of Agricultural Sciences and Natural Resources (CASNR) are consistent with general University admission requirements (one unit equals one high school year): 4 units of English, 4 units of mathematics, 3 units of natural sciences, 3 units of social studies, and 2 units of foreign language. Students must also meet performance requirements (ACT composite of 20 or higher OR combined SAT score of 950 or higher OR rank in the top one-half of graduating class; transfer students must have a 2.0 (on a 4.0 scale) cumulative grade point average and 2.0 on the most recent term of attendance. For students entering the PGA Golf Management degree program, a certified golf handicap of 12 or better (e.g., USGA handicap card) or written ability (MS Word file) equivalent to a 12 or better handicap by a PGA professional or high school golf coach is required. For more information, please visit: [http://pgm.unl.edu/requirements](http://pgm.unl.edu/requirements).

##### Admission Deficiencies/Removal of Deficiencies
Students who are admitted to CASNR with core course deficiencies must remove these deficiencies within the first 30 credit hours at UNL, or within the first calendar year at UNL, whichever takes longer, excluding foreign languages. Students have up to 60 credit hours to remove foreign language deficiencies. College-level course work taken to remove deficiencies may be used to meet degree requirements in CASNR.

Deficiencies in the required entrance subjects can be removed by completion of specified courses in the University or by correspondence.

The Office of Admissions, Alexander Building (south entrance), City Campus, provides information to new students on how deficiencies can be removed.

##### GPA Requirements
A minimum cumulative grade point average of C (2.0 on a 4.0 scale) must be maintained throughout the course of studies and is required for graduation.

##### Transfer Credit Rules
To be considered for admission, a transfer student, Nebraska resident or nonresident, must have an accumulated average of C (2.0 on a 4.0 scale) and a minimum C average in the last semester of attendance at another college. Transfer students who have completed less than 12 credit hours of college study must submit either ACT or SAT scores.

Ordinarily, credits earned at an accredited college are accepted by the University. The College, however, will evaluate all hours submitted on an application for transfer and reserves the right to accept or reject any of them. Sixty is the maximum number of hours UNL will accept on transfer from a two-year college. Ninety is the maximum number of hours UNL will accept from a four-year college. Transfer credit in the degree program must be approved by the degree program advisor on a Request for Substitution Form to meet specific course requirements, group requirements, or course level requirements in the major. At least 9 hours in the major field, including the capstone course, must be completed at UNL regardless of the number of hours transferred.

The College will accept no more than 10 semester hours of C-, D+, D, D- or F if the student repeats the same course at the University of Nebraska and receives a grade other than P (pass), I (incomplete), N (no pass), W (withdraw), or NR (no report). If a course is no longer being offered, it is not eligible for the revised grade point average computation process.

For complete procedures and regulations, see the Office of the University Registrar website at [http://www.unl.edu/regrec/course-repeats](http://www.unl.edu/regrec/course-repeats).

##### Pass/No Pass
Students in CASNR may take any course offered on a Pass/No Pass basis within the 24-hour limitation established by the Faculty Senate. However, a department may specify that the Pass/No Pass status of its courses be limited to non-majors or may choose to offer some courses for letter grades only.

Only the most recent letter grade received in a given course will be used in computing a student's cumulative grade point average if the student has completed the course more than once and previously received a grade or grades below C in that course.

The previous grade (or grades) will not be used in the computation of the cumulative grade point average, but it will remain a part of the academic record and will appear on any transcript.

A student can remove from his/her cumulative average a course grade of C-, D+, D, D- or F if the student repeats the same course at the University of Nebraska and receives a grade other than P (pass), I (incomplete), N (no pass), W (withdraw), or NR (no report). If a course is no longer being offered, it is not eligible for the revised grade point average computation process.

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#### College Degree Requirements

##### Curriculum Requirements
The curriculum requirements of the College consist of three areas: ACE (Achievement-Centered Education); College of Agricultural Sciences and Natural Resources Core; and Degree Program requirements and electives. All three areas of the College Curriculum Requirements are incorporated within the description of the Major/Degree Program sections of the catalog. The individual major/degree program listings of classes insures that a student will meet the minimum curriculum requirements of the College.

##### Foreign Languages/Language Requirement
Two units of a foreign language are required. This requirement is usually met with two years of high school language.

#### Minimum Hours Required for Graduation
The College grants the bachelor's degree in programs associated with agricultural sciences, natural resources and related programs. Students working toward a degree must earn at least 120 semester hours of credit. A minimum cumulative grade point average of C (2.0 on a 4.0 scale) must be maintained throughout the course of studies and is required for graduation.

##### Grade Rules

- **Removal of C-, D and F Grades**
  Only the most recent letter grade received in a given course will be used in computing a student's cumulative grade point average if the student has completed the course more than once and previously received a grade or grades below C in that course.

  The previous grade (or grades) will not be used in the computation of the cumulative grade point average, but it will remain a part of the academic record and will appear on any transcript.

  A student can remove from his/her cumulative average a course grade of C-, D+, D, D- or F if the student repeats the same course at the University of Nebraska and receives a grade other than P (pass), I (incomplete), N (no pass), W (withdraw), or NR (no report). If a course is no longer being offered, it is not eligible for the revised grade point average computation process.

  For complete procedures and regulations, see the Office of the University Registrar website at [http://www.unl.edu/regrec/course-repeats](http://www.unl.edu/regrec/course-repeats).

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- **GPA Requirements**
  A minimum cumulative grade point average of C (2.0 on a 4.0 scale) must be maintained throughout the course of studies and is required for graduation.

- **Transfer Credit Rules**
  To be considered for admission, a transfer student, Nebraska resident or nonresident, must have an accumulated average of C (2.0 on a 4.0 scale) and a minimum C average in the last semester of attendance at another college. Transfer students who have completed less than 12 credit hours of college study must submit either ACT or SAT scores.

  Ordinarily, credits earned at an accredited college are accepted by the University. The College, however, will evaluate all hours submitted on an application for transfer and reserves the right to accept or reject any of them. Sixty is the maximum number of hours UNL will accept on transfer from a two-year college. Ninety is the maximum number of hours UNL will accept from a four-year college. Transfer credit in the degree program must be approved by the degree program advisor on a Request for Substitution Form to meet specific course requirements, group requirements, or course level requirements in the major. At least 9 hours in the major field, including the capstone course, must be completed at UNL regardless of the number of hours transferred.

  The College will accept no more than 10 semester hours of C-, D+, D and D- grades from other schools. The C-, D+, D and D- grades can only be applied to free electives. This policy does not apply to the transfer of grades from UNO or UNK to UNL.
Joint Academic Transfer Programs
The College of Agricultural Sciences and Natural Resources has agreements with many institutions to support joint academic programs. The transfer programs include dual degree programs and cooperative degree programs. Dual degree programs offer students the opportunity to receive a degree from a participating institution and also to complete requirements for a bachelor of science degree in CASNR. Cooperative programs result in a single degree from either UNL or the cooperating institution.

Dual Degree Programs
A to B Programs
The A to B Program, a joint academic program offered by the CASNR and participating community colleges, allows students to complete the first two years of a degree program at the participating community college and continue their education and study in a degree program leading toward a bachelor of science degree.

The A to B Program provides a basic knowledge plus specialized coursework. Students transfer into CASNR with junior standing.

Depending on the community college, students enrolled in the A to B Program may complete the requirements for an associate of science at the community college, transfer to UNL, and work toward a bachelor of science degree.

Participating community colleges include:
- Central Community College
- Metropolitan Community College
- Mid-Plains Community College
- Nebraska College of Technical Agriculture
- Northeast Community College
- Southeast Community College
- Western Nebraska Community College

3+2 Programs
Two specialized degree programs in animal science and veterinary science are offered jointly with an accredited college or school of veterinary medicine. These two programs permit CASNR animal science or veterinary science students to receive a bachelor of science degree from UNL with a degree in animal science or veterinary science after successfully completing two years of the professional curriculum in veterinary medicine at an accredited veterinary school. Students who successfully complete the 3+2 Program, must complete the “Application for Degree” form and provide transcripts to the Credentials Clerk, Office of the University Registrar, 107 Canfield Administration Building, UNL. Students should discuss these degree programs with their academic advisor.

Cooperative Degree Programs
Academic credit from UNL and a cooperating institution is applied toward a four-year degree from either UNL (UNL degree-granting program) or the cooperating institution (non UNL degree-granting program). All have approved programs of study.

UNL Degree-Granting Programs
A UNL degree-granting program is designed to provide students the opportunity to complete a two-year program of study at one of the four-year institutions listed below, transfer to CASNR and complete the requirements for a bachelor of science degree.

Chadron State College. Chadron State College offers a 2+2 program leading to a grassland ecology and management degree program and a transfer program leading to a Bachelor of Science in Agricultural Education in the teaching option.

Wayne State College. Wayne State College offers a 3+1 program leading to a Bachelor of Science in Plant Biology in the ecology and management option.

University of Nebraska at Kearney. Transfer programs are available for students pursuing degree programs leading to a bachelor of science degree.

University of Nebraska at Omaha. The University of Nebraska at Omaha (UNO) cooperates with CASNR in providing four-semester pre-agricultural sciences, pre-natural resources, pre-food science and technology, pre-horticulture and pre-turfgrass and landscape management transfer programs.

A student enrolled in these programs may transfer all satisfactorily completed academic credits identified in the suggested program of study, and enter CASNR to study toward a degree program leading to a bachelor of science degree. The total program would require a minimum of four years or eight semesters (16 credit hours/semester or 120 credit hours).

UNL CASNR faculty teach horticulture and food science technology courses at UNO to assist an urban population in better understanding the food processing, horticulture, and landscape horticulture industries.

For more information, contact the CASNR Dean’s Office, 800-472-8800, ext. 2541.

Non UNL Degree-Granting Programs
The CASNR cooperates with other institutions to provide course work that is applied towards a degree at the cooperating institution. Pre-professional programs offered by CASNR allow students to complete the first two or three years of a degree program at UNL prior to transferring and completing a degree at the cooperating institution.

Chadron State College—Range Science. The 3+1 Program in range science allows Chadron State College students to pursue a range science degree through Chadron State College. Students complete three years of course work at Chadron State College and one year of specialized range science course work (32 credit hours) at CASNR.

Dordt College (Iowa) – Agricultural Education: Teaching Option. This program allows students to pursue an Agricultural Education Teaching Option degree leading toward a bachelor of science in agricultural education. Students at Dordt College will complete 90 credit hours in the Agricultural Education: Teaching Option Transfer Program.

Residency
Students must complete at least 30 of the total hours for their degree using UNL credits. At least 18 of the 30 credit hours must be in courses offered through CASNR\(^1\) including the appropriate ACE 10 degree requirement or an approved ACE 10 substitution offered through another UNL college and excluding independent study regardless of the number of hours transferred. Credit earned during education abroad may be used toward the residency requirement if students register through UNL and participate in prior-approved education abroad programs. UNL open enrollment and summer independent study courses count toward residence.

\(^1\) Includes courses taught by CASNR faculty through interdisciplinary prefixes (e.g., LIFE, M BIO, ENVR, SCIL, EAEP, HRTM, ENSC) and CASNR crosslisted courses taught by non-CASNR faculty.
Online and Distance Education
There are many opportunities to earn college credit online through the University of Nebraska–Lincoln. Some of these credits may be applicable not only as elective credits, but also toward the fulfillment of the College’s education requirements. Credits earned online may count toward residency. However, certain offerings may not be counted toward scholarship requirements or academic recognition criteria.

For further information, contact:
Office of Online and Distance Education
University of Nebraska–Lincoln
305 Brace Labs
Lincoln, NE 68588-0109
402-472-4681
http://online.unl.edu/

Independent Study Rules
Students wishing to take part in independent studies must obtain permission; complete and sign a contract form; and furnish copies of the contract to the instructor, advisor, departmental office, and the Dean’s Office. The contract should be completed before registration. Forms are available in 103 Agricultural Hall or online at the CASNR website.

Independent study projects include research, literature review or extension of course work under supervision and evaluation of a departmental faculty member.

Students may only count 12 hours of independent study toward their degrees and no more than 6 hours can be counted during their last 36 hours earned, excluding senior thesis, internships, and courses taught under an independent study number.

Other College Degree Requirements

Capstone Course Requirement
A capstone course is required for each CASNR degree program. A capstone course is defined as a course in which students are required to integrate diverse bodies of knowledge to solve a problem or formulate a policy of societal importance.

ACE Requirements
All students must fulfill the Achievement Centered Education (ACE) requirements. Information about the ACE program may be viewed at www.ace.unl.

The minimum requirements of CASNR reflect the common core of courses that apply to students pursuing degrees in the college. Students should work with an advisor to satisfy ACE outcomes 1, 2, 3, 4, 6 and 10 with the college requirements.

Catalog Rule
Students must fulfill the requirements stated in the catalog for the academic year in which they are first admitted to UNL or when they were first admitted to a Joint Academic Transfer Program. In consultation with advisors, a student may choose to follow a subsequent catalog for any academic year in which they are admitted to and enrolled as a degree-seeking student at UNL in the College of Agricultural Sciences and Natural Resources. Students must complete all degree requirements from a single catalog year. The catalog which a student follows for degree requirements may not be more than 10 years old at the time of graduation.

Learning Outcomes
Majors in agricultural economics will be able to:

1. Understand and apply economic and business principles along with analytical methods to practical issues and problems in food, agriculture, business, community vitality and natural resources.
2. Understand international forces that have an impact upon United States agriculture and the domestic economy.
3. Effectively communicate, to both specialized and lay audiences, such matters as agricultural business management decisions, business marketing plans and economic and policy analysis through written, oral and electronic means as individuals and as team participants.

Major Requirements

Core Requirements

College Integrative Course

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCIL 101</td>
<td>Science and Decision-Making for a Complex World</td>
<td>3</td>
</tr>
</tbody>
</table>

Credit Hours Subtotal: 3

Communications

Written Communication (ACE 1)
Select one of the following: 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>ENGL 150</td>
<td>Writing and Inquiry</td>
</tr>
<tr>
<td>ENGL 151</td>
<td>Writing and Argument</td>
</tr>
<tr>
<td>ENGL 254</td>
<td>Writing and Communities</td>
</tr>
<tr>
<td>JGEN 120</td>
<td>Basic Business Communication</td>
</tr>
<tr>
<td>JGEN 200</td>
<td>Technical Communication I</td>
</tr>
<tr>
<td>JGEN 300</td>
<td>Technical Communication II</td>
</tr>
</tbody>
</table>

Credit Hours Subtotal: 6

Oral Communication (ACE 2)
Select one of the following: 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEC 102</td>
<td>Interpersonal Skills for Leadership</td>
</tr>
<tr>
<td>COMM 101</td>
<td>Communication in the 21st Century</td>
</tr>
<tr>
<td>COMM 209</td>
<td>Public Speaking</td>
</tr>
<tr>
<td>COMM 210</td>
<td>Communicating in Small Groups</td>
</tr>
<tr>
<td>COMM 215</td>
<td>Visual Communication</td>
</tr>
<tr>
<td>COMM 283</td>
<td>Interpersonal Communication</td>
</tr>
<tr>
<td>COMM 286</td>
<td>Business and Professional Communication</td>
</tr>
<tr>
<td>JGEN 300</td>
<td>Technical Communication II</td>
</tr>
<tr>
<td>MRKT 257</td>
<td>Sales Communication</td>
</tr>
<tr>
<td>NRES 301</td>
<td>Environmental Communication Skills</td>
</tr>
<tr>
<td>TMFD 121</td>
<td>Visual Communication and Presentation</td>
</tr>
</tbody>
</table>

Credit Hours Subtotal: 6

Mathematics and Statistics (ACE 3)
Select one of the following: 3-5

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 104</td>
<td>Applied Calculus</td>
</tr>
<tr>
<td>MATH 106</td>
<td>Calculus I</td>
</tr>
<tr>
<td>STAT 218</td>
<td>Introduction to Statistics</td>
</tr>
<tr>
<td>or ECON 215</td>
<td>Statistics</td>
</tr>
</tbody>
</table>

Credit Hours Subtotal: 3

Natural Sciences (ACE 4)
Select one each from two of the following areas: 8

CASNR Approved Life Sciences:
AGRO 131 / HORT 131 and Agronomic Plant Science Laboratory
AGRO 132
BIOS 101 General Biology
& BIOS 101L and General Biology Laboratory
BIOS 109 General Botany
& BIOS 112 Introduction to Zoology
& BIOS 112L and Introduction to Zoology Lab
ENTO 115 / BIOS 115 Insect Biology
& ENTO 116 / BIOS 116 and Insect Identification
HORT 131 / AGRO 131 and Plant Science
HORT 133 and Horticultural Plant Science Laboratory
LIFE 120 Fundamentals of Biology I
& LIFE 120L and Fundamentals of Biology I Laboratory
LIFE 121 Fundamentals of Biology II
& LIFE 121L and Fundamentals of Biology II Laboratory
Select from:
CHEM 105 Chemistry in Context I
CHEM 109 General Chemistry I
Select from:
MSYM 109 Physical Principles in Agriculture and Life Sciences
PHYS 141 Elementary General Physics I
PHYS 151 Elements of Physics
PHYS 211 General Physics I
Credit Hours Subtotal: 8

Economics, Humanities and Social Sciences
AECN 141 Introduction to the Economics of Agriculture
or ECON 212 Principles of Microeconomics
ECON 211 Principles of Macroeconomics
Select one course from each ACE outcomes 5, 7, 8, and 9
Credit Hours Subtotal: 12
Total Credit Hours 18

Total Credit Hours 41-43

Required for Quantitative Analysis option.

General Option
The General Option is designed for students with interests in a wide range of issues in agricultural economics. It allows flexibility in course selection so that students can develop programs related to their particular needs and career directions.

Agricultural Economics
AECN 100 New Student Career Orientation 1
AECN 201 Farm and Ranch Management 4
Select one of the following:
AECN 256 Legal Aspects in Agriculture
BLAW 300 Business, Government & Society
BLAW 372 Business Law I
AECN 301 Farm Accounting, Analysis, and Tax Management 3
AECN 235 Introduction to Commodity Marketing 3
AECN 325 / MRKT 325 Marketing of Agricultural Commodities 3
AECN 401 Advanced Farm Management and Linear Programming 3
AECN 435 Advanced Agricultural Marketing Management (ACE 10) 1
AECN 452 Agricultural Finance 3
AECN 453 Agricultural and Rural Property Appraisal 3
AECN 445 / NREE 445 Agricultural and Natural Resource Policy Analysis
AECN 453 Agricultural and Rural Property Appraisal
Credit Hours Subtotal: 25

Agricultural Sciences and Natural Resources
Select 12 hours of CASNR electives 2 12
Credit Hours Subtotal: 12

Supporting Courses
ACCT 201 Introductory Accounting I 3
ACCT 202 Introductory Accounting II 3
ECON 311 Intermediate Macroeconomics 3
ECON 312 Intermediate Microeconomics 3
Select one of the following:
AECN 401 Advanced Farm Management and Linear Programming
ECON 417 Introductory Econometrics
SCMA 331 Operations and Supply Chain Management
Select 6 hours of CBA or Agricultural Economics electives 3 6
Credit Hours Subtotal: 21

Free Electives
Select 19-21 hours 19-21
Credit Hours Subtotal: 19-21
Total Credit Hours 77-79

1 Excludes AECN 388 Ethics in Agriculture and Natural Resources.
2 At least 9 hours at the 200 level or above (including AGRO 153 Soil Resources), (excluding AECN courses and ALEC 388 Ethics in Agriculture and Natural Resources).
3 200 level or above.

Farm and Ranch Management Option
The Farm and Ranch Management Option emphasizes economics and business aspects of production, marketing, and management in agriculture. It prepares students for management of farm and ranch businesses and for professional careers dealing closely with production agriculture.

Agricultural Economics
AECN 100 New Student Career Orientation 1
AECN 201 Farm and Ranch Management 4
Select one of the following:
AECN 256 Legal Aspects in Agriculture
BLAW 300 Business, Government & Society
BLAW 372 Business Law I
AECN 301 Farm Accounting, Analysis, and Tax Management 3
AECN 235 Introduction to Commodity Marketing 3
AECN 325 / MRKT 325 Marketing of Agricultural Commodities 3
AECN 401 Advanced Farm Management and Linear Programming 3
AECN 435 Advanced Agricultural Marketing Management (ACE 10) 1
AECN 452 Agricultural Finance 3
AECN 453 Agricultural and Rural Property Appraisal 3
AECN 445 / NREE 445 Agricultural and Natural Resource Policy Analysis
AECN 453 Agricultural and Rural Property Appraisal
Credit Hours Subtotal: 25

Agricultural Sciences and Natural Resources
Select 12 hours of CASNR electives 2 12
Credit Hours Subtotal: 12

Supporting Courses
ACCT 201 Introductory Accounting I 3
ACCT 202 Introductory Accounting II 3
ECON 311 Intermediate Macroeconomics 3
ECON 312 Intermediate Microeconomics 3
Select one of the following:
AECN 401 Advanced Farm Management and Linear Programming
ECON 417 Introductory Econometrics
SCMA 331 Operations and Supply Chain Management
Select 6 hours of CBA or Agricultural Economics electives 3 6
Credit Hours Subtotal: 21

Free Electives
Select 19-21 hours 19-21
Credit Hours Subtotal: 19-21
Total Credit Hours 77-79

1 Excludes AECN 388 Ethics in Agriculture and Natural Resources.
2 At least 9 hours at the 200 level or above (including AGRO 153 Soil Resources), (excluding AECN courses and ALEC 388 Ethics in Agriculture and Natural Resources).
3 200 level or above.
Credit Hours Subtotal: 29

Supporting Courses

ACCT 201  Introductory Accounting I  3
ACCT 202  Introductory Accounting II  3
ECON 311  Intermediate Macroeconomics  3
ECON 312  Intermediate Microeconomics  3
Select one of the following:  3
MNGT 300  Management Essentials For Contemporary Organizations
MNGT 301  Introduction to Management
MNGT 360  Managing Behavior in Organizations
MNGT 361  Human Resource Management
ENTR 322 / MNGT 322  Family Business

Credit Hours Subtotal: 15

Agricultural Sciences

ASCI 100  Fundamentals of Animal Biology and Industry  3
AGRO 153 / HORT 153 / SOIL 153  Soil Resources  4
AGRO 215 / HORT 215 / TLMT 215  Genetics  4

Credit Hours Subtotal: 11

Agricultural Specialization

Select either Agronomy or Animal Science Specialization:  9
Agronomy Specialization (min of 6 cr at 300 & 400 level).
Choose from any 200 level or higher AGRO courses.
Animal Sciences Specialization (min of 6 cr at 300 & 400 level).
Choose from any 200 level or higher ASCI courses.

Credit Hours Subtotal: 9

Free Electives

Select 12-14 credits  12-14
Credit Hours Subtotal: 12-14

Total Credit Hours  76-78

1 Capstone course.

Public Policy Option

The Public Policy Option emphasizes the economic analysis of public policy issues related to agriculture. It prepares students for careers in public-sector agencies, legislative offices, international organizations, and private sector organizations.

AECN 100  New Student Career Orientation  1
AECN 345  Policy Issues in Agriculture and Natural Resources  3
AECN 445 / NREE 445  Agricultural and Natural Resource Policy Analysis (ACE 10)  3
Select 6 credits of Agricultural Economics electives  6

Policy Analysis

Select two of the following:  6
AECN 495C  Internship in Agricultural and Public Policy
ECON 371  Elements of Public Finance

ECON 426  Government Intervention in Markets
ECON 471  Public Finance
ECON 472  Efficiency in Government
NRES 323  Natural Resources Policy
POLS 235  Public Policy: Concepts and Processes
POLS 236  Public Policy Analysis: Methods and Models

Law & Administration

Select two of the following:  6
AECN 256  Legal Aspects in Agriculture
AECN 276 / SOCI 241  Rural Sociology
AECN 357 / NREE 357  Natural Resource and Environmental Law
BLAW 300  Business, Government & Society
BLAW 371  Legal Environment
POLS 210  Bureaucracy and the American Political System
POLS 469  International Law

Resource Economics

Select two of the following:  6
AECN 265 / NREE 265  Resource and Environmental Economics I
AECN 357 / NREE 357  Natural Resource and Environmental Law
AECN 465 / NREE 465 / WATS 465  Resource and Environmental Economics II
ECON 340  Introduction to Urban-Regional Economics
NRES 423  Integrated Resources Management

International Economics

Select two of the following:  6
AECN 420  International Food and Agricultural Trade
AECN 425  Agricultural Marketing in a Multinational Environment
AECN 467 / ANTH 479 / ECON 466 / GEOG 448 / HIST 479 / POLS 466 / SOCI 466  Pro-seminar in International Relations I

Developmental Economics

Select two of the following:  6
AECN 346  World Food Economics
AECN 367  Agricultural Development in Developing Countries
AECN 376  Rural Community Economics
ANTH 474  Applied and Development Anthropology
ECON 322  Introduction to Development Economics
Agricultural Economics

ECON 323 The Economic Development of Latin America
ECON 340 Introduction to Urban-Regional Economics
ECON 423 Economics of the Less Developed Countries

Credit Hours Subtotal: 43

Supporting Courses
ECON 311 Intermediate Macroeconomics 3
ECON 312 Intermediate Microeconomics 3
ECON 417 or AECN 401 Introductory Econometrics 3
Advanced Farm Management and Linear Programming

Select 6 hours of CASNR electives 2

Credit Hours Subtotal: 15

Free Electives
Select 19-21 hours
Credit Hours Subtotal: 19-21
Total Credit Hours 77-79

1 Capstone course
2 Select 200 level or above (including SOIL 153 Soil Resources) (excluding AECN courses and ALEC 388 Ethics in Agriculture and Natural Resources)

Quantitative Analysis Option
The Quantitative Analysis Option is designed for students intending to pursue graduate study of agricultural economics or related areas.

Agricultural Economics
AECN 100 New Student Career Orientation 1
Select 24 hours of Agricultural Economics electives including at least 12 hours at the 300 level or above and one of the following capstone (ACE 10) courses: 1
AECN 420 International Food and Agricultural Trade
AECN 425 Agricultural Marketing in a Multinational Environment
AECN 435 Advanced Agricultural Marketing Management
AECN 445 / NREE 445 Agricultural and Natural Resource Policy Analysis
AECN 453 Agricultural and Rural Property Appraisal

Credit Hours Subtotal: 25

Agricultural Sciences and Natural Resources
Select 6 hours of CASNR electives 2

Credit Hours Subtotal: 6

Supporting Courses
ACCT 201 Introductory Accounting I 3
ACCT 202 Introductory Accounting II 3
ECON 311 Intermediate Macroeconomics 3
ECON 312 Intermediate Microeconomics 3
ECON 417 Introductory Econometrics 3
AECN 401 Advanced Farm Management and Linear Programming
or SCMA 331 Operations and Supply Chain Management
MATH 107 Calculus II 4
MATH 208 Calculus III 4
STAT 380 Statistics and Applications 3
Select 3 hours of CBA or AECN electives 3

Credit Hours Subtotal: 32

Free Electives
Select 14-16 credits
Credit Hours Subtotal: 14-16
Total Credit Hours 77-79

1 Excludes AECN 388 Ethics in Agriculture and Natural Resources.
2 Select 200 level or above (including AGRO 153 Soil Resources) (excluding AECN courses and ALEC 388 Ethics in Agriculture and Natural Resources)
3 200 level or above

Pre-Law Option
An applicant will be accepted into the 3-3 Program at the College of Law if the applicant:

1. Has an LSAT score of at least 156;
2. Has a cumulative undergraduate GPA of 3.6 or higher as calculated by the Law School Admission Council;
3. Will have successfully completed at least 75% of the course credits required for his or her undergraduate degree, along with all other requirements of his or her undergraduate degree program, by the date of matriculation at the College of Law. Course credits may include no more than six credit hours of pass/fail course work;
4. Has submitted on time the materials required of all applicants to the College of Law, including a completed application, satisfactory letters of recommendation, a personal statement, and records of the required course credits;
5. Has not been on academic probation at any undergraduate institution;
6. Has provided the College of Law with a letter from the relevant Dean, or other administrator of equivalent authority, of the applicant’s undergraduate institution stating that the applicant has completed all institutional requirements for participation in the 3-3 Law College Program and that the institution will grant the applicant an undergraduate degree upon the applicant’s successful completion of the first year College of Law course work.

AECN 100 New Student Career Orientation 1
AECN 201 Farm and Ranch Management 4
Select 15 hours of AECN electives including 9 hours at the 300 level or above and one of the following capstone (ACE 10) courses: 1
AECN 420 International Food and Agricultural Trade
AECN 425 Agricultural Marketing in a Multinational Environment
AECN 435 Advanced Agricultural Marketing Management
AECN 445 / NREE 445 Agricultural and Natural Resource Policy Analysis
AECN 453 Agricultural and Rural Property Appraisal

Credit Hours Subtotal: 20

Agricultural Sciences and Natural Resources
Select 3 hours of CASNR electives ²
Credit Hours Subtotal: 3

Supporting Courses
ACCT 200 Accounting for Business Decisions 3
or ACCT 201 Introductory Accounting I
ECON 311 Intermediate Macroeconomics 3
ECON 312 Intermediate Microeconomics 3
AECN 401 Advanced Farm Management and Linear Programming 3
Credit Hours Subtotal: 12

Year 1 College of Law
Select 30 hours of the following: 30
LAW 503 Torts I
LAW 505 Property I
& LAW 506 and Property II
LAW 501 Contracts I
& LAW 502 and Contracts II
LAW 516 Civil Procedure I
& LAW 517 and Civil Procedure II
LAW 508 Criminal Law
LAW 513 Legal Research and Writing
& LAW 514 and Legal Research and Writing
LAW 518 International Perspectives in U.S. Legal System: Practicing Law in a Global Legal Environment
Credit Hours Subtotal: 30

Free Electives
Complete 12-14 credits 12-14
Credit Hours Subtotal: 12-14
Total Credit Hours 77-79

¹ Excluded AECN 388 Ethics in Agriculture and Natural Resources
² 200 level or above (including AGRO 153 Soil Resources) (excluding AECN courses and ALEC 388 Ethics in Agriculture and Natural Resources)

Additional Major Requirements
Students completing an agricultural economics degree program may not receive a second major in agricultural economics.

Grade Rules
Pass/No Pass
Agricultural economics students must complete at least 15 credit hours of agricultural economics courses for a grade (not Pass/No Pass).

International Requirements
Nine (9) hours of course work with an international focus are required as part of the 120 hours required for a degree. Course options include the following list or those listed in the UNL Global Studies degree program or CASNR International Agriculture and Natural Resources minor program.

AGRI 282 Introduction to Global Agricultural and Natural Resources Issues 3
AGRI 310 Study Tours in International Agriculture 1-5
NRES 492 International Study Tours in Natural Resource Management 1-3

AECN 346 World Food Economics 3
AECN 367 Agricultural Development in Developing Countries 3
AECN 420 International Food and Agricultural Trade 3
AECN 425 Agricultural Marketing in a Multinational Environment 3

ACE Requirements
ACE courses cannot be used to count in two separate requirement areas except in the case of International Requirements (see above).

Requirements for Minor Offered By Department
Agricultural Economics Minor

Courses
AECN 141 Introduction to the Economics of Agriculture or ECON 212 Principles of Microeconomics 3
AECN 201 Farm and Ranch Management 4
AECN 235 Introduction to Commodity Marketing or ECON 225 / EAEP 225 / MRKT 225 Agribusiness Entrepreneurship in Food Products Marketing 3
AECN 265 / NREE 265 Resource and Environmental Economics I 3
Select 5 hours of additional Agricultural Economics courses ¹ 5
Credit Hours Subtotal: 18
Total Credit Hours 18

¹ Excluding AECN 141 Introduction to the Economics of Agriculture, with 3 hrs at the 300 level or above (excluding AECN 388 Ethics in Agriculture and Natural Resources)

Community Economics and Social Dynamics Minor

Core Courses
AECN 276 / SOCI 241 Rural Sociology 3
AECN 376 Rural Community Economics 3
AECN 399 Independent Study in Agricultural Economics 3
Select one of the following: 3
ECON 371 Elements of Public Finance
PA 8436 / PA 4430 Municipal Administration (UNO)
Credit Hours Subtotal: 12

Additional Courses
Select two of the following: 6
ANTH 212 / ETHN 212 Introduction to Cultural Anthropology
CRPL 300 The Community and the Future
CRPL 400 Introduction to Planning
CRPL 480 Economic Development Planning
ECON 340 Introduction to Urban-Regional Economics
ECON 371 Elements of Public Finance
Agricultural Economics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 288</td>
<td>The Psychology of Social Behavior</td>
<td></td>
</tr>
<tr>
<td>SOCI 346</td>
<td>Environmental Sociology</td>
<td></td>
</tr>
</tbody>
</table>

Credit Hours Subtotal: 6

Total Credit Hours: 18

Grade Rules
Pass/No Pass

Agricultural economics students must complete at least 15 credit hours of agricultural economics courses for a grade (not Pass/No Pass).

AECN 100 New Student Career Orientation
Prerequisites: First semester freshman, major in agricultural economics or related discipline.
Description: Academic success and development of leadership skills through involvement and activities on campus. Time management and study skills. Identify potential internship and career opportunities.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LEC

AECN 109 Water in Society
Crosslisted with: SCIL 109, NRES 109, ENVR 109, GEOG 109
Description: Introduction to the scientific, social, and economic dimensions of historical and contemporary water systems. Students will develop an understanding of hydrologic systems and analyze and engage in decision-making about complex challenges associated with water resource use.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 141 Introduction to the Economics of Agriculture
Notes: Not recommended for students who have math entrance deficiencies. Open to freshmen and sophomores only.
Description: Introductory course on the basic principles of agricultural economics. Production economics, principles of supply and demand, resource economics, world food situation, marketing of agricultural products, and agricultural public policy.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: ABUS 341, MRKT 341; AECN 235; AECN 301; AECN 316; AECN 325, MRKT 325; AECN 345; AECN 346; AECN 367; AECN 376; AECN 436; BLAW 371; BLAW 371H; BLAW 372; ECON 303; ECON 311; ECON 321; ECON 340; ECON 388; ECON 389; FINA 300; FINA 361; MNGT 301; MNGT 301H; MRKT 300; SCMA 391; SCMA 395; SCMA 350; SCMA 350H
ACE: ACE 6 Social Science

AECN 201 Farm and Ranch Management
Prerequisites: AECN 141 or ECON 212.
Description: Various economic principles and business management concepts which are involved in the decision-making process when organizing and operating a farming/ranching operation. Includes production economics, record keeping systems, financial budgets and analysis, crop and livestock enterprise analysis, leasing arrangements, depreciation, farm business organizations, farm investment analysis, pasture/rangeland management, and production efficiency indicators.
Credit Hours: 4
Max credits per semester: 4
Max credits per degree: 4
Format: LEC
Prerequisite for: ASCI 485

AECN 225 Agribusiness Entrepreneurship in Food Products Marketing
Crosslisted with: EAEP 225, MRKT 225
Description: Marketing strategies and entrepreneurship ventures throughout a food systems channel from producers of agricultural commodities to processors of food products and the final consumer. Entrepreneurship studies dealing with food processors, wholesaling, retailing and food service firms. Create strategic marketing plan to introduce a new food product into a retail consumer market. Pass/No Pass option not allowed for College of Business Administration majors.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: AECN 316

AECN 235 Introduction to Commodity Marketing
Prerequisites: AECN 141 or ECON 212
Description: This course focuses on the foundations of commodity markets. It discusses how markets were created, how commodities are traded from producers to final consumers, the role of transportation and storage, among other topics. It provides a broad and detailed discussion of economic theories behind markets, how they work in practice, and the current state of these markets in the world.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 256 Legal Aspects in Agriculture
Prerequisites: Sophomore standing.
Description: Legal aspects of agriculture: taxation, contracts, property rights, buying and selling real estate, condemnation, land use regulations, leases, co-ownership, partnerships, corporations, commercial transactions, credit, liability, insurance, estate planning, water law, and agricultural regulations. A practical exposure to the legal institutions of Nebraska.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

ACE: ACE 8 Civic/Ethics/Stewardship ACE 4 Science
ACE: ACE 6 Social Science
AECN 265 Resource and Environmental Economics I
Crosslisted with: NREE 265
Prerequisites: ECON 211; ECON 212 or AECN 141.
Description: Introduction to resource economics and the role of such concepts in natural resource management. The interface of economics and ecology in the context of both private and public decision making. Application of economic principles to actual natural resource/environmental issues.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 275 Agribusiness Entrepreneurial Finance
Crosslisted with: EAEP 275, ENTR 275, HORT 275, AGRO 275
Description: Overview of financial issues for agribusiness start-ups. Business funding specific to new enterprises. Case studies on financial practices for start-up firms.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 276 Rural Sociology
Crosslisted with: SOCI 241
Prerequisites: Open to second semester freshmen and above.
Description: The rural environment and its people; its groups and associations; and its social institutions.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 301 Farm Accounting, Analysis, and Tax Management
Prerequisites: AECN 141 or ECON 212.
Notes: AECN 201 recommended.
Description: Business record systems for farming and ranching. Financial statements; income tax and decision making; farm business and enterprise analysis.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 316 Agribusiness Management
Prerequisites: AECN 141 (or ECON 210 or ECON 212), AECN 225 or 325, and three credit hours in Accounting.
Description: For students interested in careers leading to managerial positions in the grain, feed, fertilizer, farm petroleum and related agricultural industries. The focus is on the use of financial statements, operating and managerial functions, communication, and the interpersonal work environment within an organization. Presentation is by lecture integrated with experiential learning through use of an agribusiness management simulation.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 325 Marketing of Agricultural Commodities
Crosslisted with: MRKT 325
Prerequisites: AECN 141 or ECON 212
Description: Operation and use of agricultural commodity markets and institutions as applied to enterprise and firm risk management. Cash; futures and futures option markets; basis; hedging; price discovery; fundamental analysis; and risk management strategies.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: AECN 316; AECN 336

AECN 336 Grain Merchandising
Prerequisites: AECN 325
Description: Study of grain merchandising concepts, tools, and strategies as they relate to grain buyers. Focus on integration of topics from this course and AECN 325 to help students understand how grain is traded from the perspective of the grain buyer.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 345 Policy Issues in Agriculture and Natural Resources
Prerequisites: AECN 141 or ECON 212
Description: History, development, programs, and analysis of public policy issues in agriculture and natural resources. Analysis of science, economic, and political factors involved in policy development. Farm policy and farm structure, food and nutrition, trade and development, natural resources, the environment, and bioenergy, with special attention to issues and policies impacting Nebraska.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 346 World Food Economics
Prerequisites: AECN 141 or ECON 212 and ECON 211
Description: Description and economic evaluation of world food systems, including production, distribution, and consumption in developing and industrialized countries. Economic implications of alternative means for meeting world food needs, with emphasis on the social science aspects of the world food availability and needs, policies, and the economics of technological change. Familiarity with spreadsheets (Excel) required.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 9 Global/Diversity

AECN 357 Natural Resource and Environmental Law
Crosslisted with: NREE 357
Prerequisites: Junior standing or permission; SCIL 101 or GEOG 181 recommended.
Description: Environmental impact review; air and water pollution control; solid and hazardous waste control; endangered species and habitat preservation; land use regulation; state and federal water rights law.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: AECN 456, AECN 856, NREE 456
AECN 367 Agricultural Development in Developing Countries
Prerequisites: AECN 141 or ECON 212 and ECON 211
Description: Exploration of the nature of traditional agriculture in developing countries of Africa, Asia, and Latin America and alternative approaches to accelerating its development. Explores the role of the agricultural sector in the overall development process. Familiarity with using spreadsheets (Excel) required.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 9 Global/Diversity

AECN 376 Rural Community Economics
Prerequisites: AECN 141 or ECON 210 or 212
Description: Application of economic and social principles and concepts relevant to understanding rural communities and the issues and problems they face. Public decision-making process and the skills necessary for constructive participation in community affairs.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 388 Ethics in Agriculture and Natural Resources
Crosslisted with: ALEC 388
Description: Ethics focusing on agricultural and natural resource issues. Using case studies from the professional workplace and contemporary society, develops intellectual skills necessary to reflect critically on ethical issues and apply appropriate conceptual tools for resolution of issues arising from conflicting ethical and value systems.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 8 Civic/Ethics/Stewardship

AECN 391 Special Topics
Prerequisites: Permission
Description: Readings, discussion, and analysis of current theory, issues, problems, research, and practice in agricultural economics, natural resource economics, and agribusiness. Topics vary.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 9 Global/Diversity ACE 10 Integrated Product

AECN 399 Independent Study in Agricultural Economics
Prerequisites: Permission and advance approval of independent study contract at the start of each semester
Description: Individual or group projects in research, literature review, or extension of course work under supervision and evaluation of a departmental faculty member.
Credit Hours: 1-5
Min credits per semester: 1
Max credits per semester: 5
Max credits per degree: 5
Format: IND

AECN 401 Advanced Farm Management and Linear Programming
Crosslisted with: AECN 801
Prerequisites: AECN 201.
Description: The role of budgeting and linear programming in analyzing farm organization problems, theory of linear programming, linear program design, and analysis of linear programmed solutions to farm organization problems. Includes goal programming, multiple objective programming, risk programming, and financial modeling.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 416 Advanced Agribusiness Management
Prerequisites: AECN 316; ACCT 201 and 202; FINA 361 or AECN 452; MNGT 360 or 361; ACCT 201 and 202.
Description: Conduct industry and business research in strategic management of an agribusiness. Internal and external factors and competitive forces, affecting the firm. Integration of concepts from various economic and business disciplines.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 420 International Food and Agricultural Trade
Prerequisites: ECON 311 and ECON 312
Notes: Capstone course.
Description: Application of basic principles of international trade and finance to food and agricultural trade. Particular attention to current policy issues in agricultural trade such as the pros and cons of regional trade blocks, alternative agricultural and trade policies, the effects of exchange rate variation on agricultural trade, and trade and environmental protection. Familiarity with spreadsheets (Excel) is required.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

AECN 425 Agricultural Marketing in a Multinational Environment
Prerequisites: 9 hrs agricultural economics and/or economics or permission.
Description: Systems approach to evaluating the effects of current domestic and international political and economic events on agricultural markets.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 10 Integrated Product ACE 9 Global/Diversity

AECN 435 Advanced Agricultural Marketing Management
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
ACE: ACE 10 Integrated Product
AECN 436 Commodity Price Forecasting  
**Prerequisites:** ECON 215 or STAT 218; ECON 212 or AECN 141  
**Notes:** Recommended course (but not required); AECN 325  
**Description:** Participants in commodity markets are constantly trying to forecast prices, since a sound analysis of expected prices in the future is important in many dimensions for producers, merchandisers and all market participants. The overall objective of this course is to teach students how to analyze and forecast commodity prices using fundamental and technical approaches. The most common techniques from each approach will be discussed, focusing on how they can be implemented, their advantages and disadvantages, how they differ and how they can complement each other.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Format:** LEC

AECN 445 Agricultural and Natural Resource Policy Analysis  
**Crosslisted with:** NREE 445  
**Prerequisites:** ECON 311 and ECON 312  
**Notes:** Capstone course. Familiarity with spreadsheets (Excel) required.  
**Description:** Introduction to the application of economic concepts and tools to the analysis and evaluation of public policies. Economic approaches to policy evaluation derived from welfare economics. Social benefit-cost analysis described and illustrated through applications to current agricultural and natural resource policy issues.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Format:** LEC  
**ACE:** ACE 10 Integrated Product, ACE 8 Civic/Ethics/Stewardship

AECN 452 Agricultural Finance  
**Crosslisted with:** AECN 852  
**Prerequisites:** AECN 201 or 4 hrs accounting.  
**Description:** Principles and concepts of financial management of farm and agribusiness firms developed. Various strategies for acquiring and using capital resources by the individual firm explored. Institutions providing the sources of agricultural credit are individually studied.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Format:** LEC

AECN 453 Agricultural and Rural Property Appraisal  
**Prerequisites:** AECN 141, or ECON 210 or 212. AECN 201 and AGRO 153 recommended.  
**Description:** Valuation of agricultural and rural real estate traced from the underlying theory of value through full development of principles, practices, and factors used by the appraisal profession to estimate value. The income approach, the market data approach, and the cost approach to value developed in detail. Appraisal procedure analyzed for such special purposes as farm loans, tax assessment, and condemnation.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Format:** LEC  
**ACE:** ACE 10 Integrated Product

AECN 456 Environmental Law  
**Crosslisted with:** AECN 856, NREE 456  
**Prerequisites:** AECN 357/NREE 357  
**Notes:** Recommended course (but not required); AECN 325  
**Description:** Administrative law, risk assessment, energy policy review, Clean Air Act, Clean Water Act, non-point pollution control, wetlands regulations pesticide and toxic substance regulation, solid and hazardous waste regulation, drinking water protection, land use regulation, energy policy, and international environmental law.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Format:** PSI

AECN 457 Water Law  
**Crosslisted with:** AECN 856, NREE 457, VETS 457  
**Prerequisites:** AECN 856, NREE 457, WATS 457  
**Description:** Environmental impact review; public trust doctrine; endangered species; land use controls; wetlands regulation; surface and ground water rights; Indian and federal water rights; impact of water quality regulations on water allocation.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Format:** PSI

AECN 465 Resource and Environmental Economics II  
**Crosslisted with:** AECN 865, NREE 465, WATS 465  
**Prerequisites:** MATH 104 and one course in statistics.  
**Description:** Application of resource economics concepts and empirical tools to resource management problems. Public policy issues involving environmental quality, land and water management.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Format:** LEC

AECN 467 Pro-seminar in International Relations I  
**Crosslisted with:** ECON 466, ANTH 479, GEOG 448, HIST 479, POLS 466, SOCI 466, ANTH 879, ECON 866, GEOG 848, HIST 879, POLS 866, SOCI 866  
**Prerequisites:** Senior standing and permission.  
**Notes:** Open to students with an interest in international relations.  
**Description:** Topic varies.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Format:** LEC  
**Groups:** International Relations, Comparative Integrative Courses, Research Human-Economic Geography Comp Intrntn & Reg Developmnt Variable group based on topic

AECN 471 Agricultural Marketing and Product Development I  
**Prerequisites:** Junior standing. AECN 357/NREE 357  
**Notes:** Open to students with an interest in international relations.  
**Description:** Selection of an agriculturally related product or service and the development of a comprehensive marketing plan. Market analysis of physical, economic and financial feasibility and formalization of an effective promotional product campaign.  
**Credit Hours:** 1  
**Max credits per semester:** 1  
**Max credits per degree:** 1  
**Format:** IND
AECN 472 Agricultural Marketing and Product Development II  
Prerequisites: Junior standing or permission; AECN 471.  
Description: Further refinement in the development of marketing plan from AECN 471. Condensation of marketing plan into executive summary and preparation of professional oral presentation. Extensive interaction with the local agribusiness community and participation in national agri-marketing competition.  
Credit Hours: 2  
Max credits per semester: 2  
Max credits per degree: 2  
Format: IND

AECN 482 Beef Industry Scholars - National Beef Industry Policy  
Crosslisted with: ASCI 482  
Prerequisites: ASCI 481; ASCI 395A or ASCI 395B  
Notes: ASCI 482 requires attending the National Cattlemen's Beef Association (NCBA) annual convention and then, communicating the new policy and issues to local organizations and undergraduate student groups. Letter grade only.  
Description: Discuss and dissect issues from the NCBA convention researching the pros and cons of current and proposed policy.  
Credit Hours: 1  
Max credits per semester: 1  
Max credits per degree: 1  
Format: LEC

AECN 495A Internship in Agricultural Financing and Banking  
Prerequisites: Junior standing; ABUS major with Agricultural Finance and Banking option.  
Description: Internship experience in agricultural finance, banking, lending, or management through employment in a financial institution.  
Credit Hours: 3  
Max credits per semester: 3  
Max credits per degree: 3  
Format: FLD

AECN 495B Internship in Food Products Marketing Management  
Prerequisites: Junior standing; ABUS major with Food Products Marketing Management option.  
Description: Internship experience in food products marketing, supply chain and firm management, and related areas through employment in agribusiness and food products production or marketing firms.  
Credit Hours: 3  
Max credits per semester: 3  
Max credits per degree: 3  
Format: FLD

AECN 495C Internship in Agricultural and Public Policy  
Prerequisites: Departmental permission  
Description: Internship with Congressional delegations or committees; government agencies; non-governmental organizations; or related groups and areas that provides a focus on agricultural or public policy issues and development.  
Credit Hours: 1-3  
Min credits per semester: 1  
Max credits per semester: 3  
Max credits per degree: 3  
Format: FLD

AECN 495D Internship in Commodity Marketing  
Prerequisites: Departmental permission  
Notes: AECN 235 - Introduction to Commodity Marketing is recommended  
Description: The overall objective of this internship is to allow students to gather more exposure to commodity markets and hands-on experience in the field.  
Credit Hours: 1-3  
Min credits per semester: 1  
Max credits per semester: 3  
Max credits per degree: 3  
Format: FLD

AECN 495E Internship in Agricultural Industry and Agribusiness  
Prerequisites: Departmental Permission  
Description: Internship designed to give students hands-on experience in the agricultural industry and agribusiness. Development of practical experience and skills in identifying, understanding, analyzing, and addressing issues and opportunities in the agricultural industry and agribusiness.  
Credit Hours: 1-3  
Min credits per semester: 1  
Max credits per semester: 3  
Max credits per degree: 6  
Format: FLD  
Groups: Ind Study; Special Top; Intern

AECN 495H Internship in Agricultural Industry and Agribusiness  
Prerequisites: Departmental Permission  
Description: Internship designed to give students hands-on experience in the agricultural industry and agribusiness. Development of practical experience and skills in identifying, understanding, analyzing, and addressing issues and opportunities in the agricultural industry and agribusiness.  
Credit Hours: 1-3  
Min credits per semester: 1  
Max credits per semester: 3  
Max credits per degree: 6  
Format: FLD  
Groups: Ind Study; Special Top; Intern

PLEASE NOTE  
This document represents a sample 4-year plan for degree completion with this major. Actual course selection and sequence may vary and should be discussed individually with your college or department academic advisor. Advisors also can help you plan other experiences to enrich your undergraduate education such as internships, education abroad, undergraduate research, learning communities, and service learning and community-based learning.

**Agricultural Economics**  
Icon Legend: Critical

**13 HR TERM 1**  
**College Course**

complete AECN 100  
1 hr

**ACE 6 Economics**

complete either AECN 141 or ECON 212  
3 hr
Agricultural Economics

13

AECN 141 or ECON 212 becomes critical to your success in the major if not completed by the second term of enrollment.

ACE 1 Written Comm

complete 1 from ENGL 150, ENGL 151, ENGL 254, JGEN 120, JGEN 200, JGEN 300

3hr

ACE 5 Humanities

complete 1 from ACE5

3hr

ACE 3 Math

complete either MATH 104 or MATH 106

3hr

MATH 104 or 106 becomes critical to your success in the major if not completed by the third term of enrollment.

16 HR TERM 2

Agricultural Economics

complete Any Agricultural Economics Course 200 level or above.

3hr

200 level or above.

Agricultural Sci Up Lvl

complete 1 from AGRO 153, SOIL 153, Any Agricultural Education Course 200 through 400 Level, Any Agriculture Course 200 through 400 Level, Any Agronomy Course 200 through 400 Level, Any Agricultural Leadership Course 200 through 400 Level, Any Animal Science Course 200 through 400 Level, Any Biochemistry Course 200 through 400 Level, Any Energy Science Course 200 through 400 Level, Any Entomology Course 200 through 400 Level, Any Food Science and Technology Course 200 through 400 Level, Any Fisheries and Wildlife Course 200 through 400 Level, Any Horticulture Course 200 through 400 Level, Any Mechanized Systems Management Course 200 through 400 Level, Any Natural Resources Course 200 through 400 Level, Any PGA Management Course 200 through 400 Level, Any Plant Pathology Course 200 through 400 Level, Any Range Management Course 200 through 400 Level, Any Soil Course 200 through 400 Level, Any Turfgrass and Landscape Management Course 200 through 400 Level, Any Veterinary Science Course 200 through 400 Level, Any Water Science Course 200 through 400 Level

3hr

ACE 3 Statistics

complete STAT 218

3hr

STAT 218 becomes critical to your success in the major if not completed by the third term of enrollment.

CASNR Life Science

complete AGRO 131, AGRO 132

4hr

BIOS 101/101L are also acceptable courses this term.

College Course

complete SCIL 101

3hr

15 HR TERM 3

Agricultural Economics

complete Any Agricultural Economics Course 200 level or above.

3hr

Accounting

complete ACCT 201

3hr

ACCT 201 becomes critical to your success in the major if not completed by the third term of enrollment.

ACE 2 Oral Comm

complete 1 from NRES 260, ALEC 102, COMM 101, COMM 109, COMM 209, COMM 215, COMM 283, COMM 286, JGEN 300, MRKT 257, TMFD 121, NRES 301

3hr

ACE 7 Arts

complete 1 from ACE7

3hr

ACE 6 Economics

complete ECON 211

3hr

ECON 211 becomes critical to your success in the major if not completed by the fourth term of enrollment.

15 HR TERM 4

Agricultural Economics
complete Any Agricultural Economics Course

200 level or above.

**Accounting**

complete ACCT 202

ACCT 202 becomes critical to your success in the major if not completed by the fourth term of enrollment.

**Nat Sciences: Chemistry**

complete CHEM 105

MSYM 109 is also an acceptable course this term.

**Agricultural Sci Up Lvl**

complete 1 from AGRO 153, SOIL 153, Any Agricultural Education Course 200 through 400 Level, Any Agronomy Course 200 through 400 Level, Any Agricultural Leadership Course 200 through 400 Level, Any Animal Science Course 200 through 400 Level, Any Biochemistry Course 200 through 400 Level, Any Energy Science Course 200 through 400 Level, Any Entomology Course 200 through 400 Level, Any Food Science and Technology Course 200 through 400 Level, Any Fisheries and Wildlife Course 200 through 400 Level, Any Horticulture Course 200 through 400 Level, Any Mechanized Systems Management Course 200 through 400 Level, Any Natural Resources Course 200 through 400 Level, Any PGA Management Course 200 through 400 Level, Any Plant Pathology Course 200 through 400 Level, Any Range Management Course 200 through 400 Level, Any Soil Course 200 through 400 Level, Any Turfgrass and Landscape Management Course 200 through 400 Level, Any Veterinary Science Course 200 through 400 Level, Any Water Science Course 200 through 400 Level

**Electives**

complete Any Course

**15 HR TERM 5**

**Agricultural Economics**

complete Any Agricultural Economics Course

200 level or above.

**Agri Economic 300/400 Lvl**

complete either Any Agricultural Economics Course at the 300 Level or Any Agricultural Economics Course at the 400 Level

**ACE 8 Ethical Principles**

complete 1 from ACE8

**Microeconomics**

complete ECON 312

ECON 312 becomes critical to your success in the major if not completed by the fifth term of enrollment.

**Electives**

complete Any Course

**15 HR TERM 6**

**Agri Economic 300/400 Lvl**

complete either Any Agricultural Economics Course at the 300 Level or Any Agricultural Economics Course at the 400 Level

**Addntl Busn Electives**

complete 1 from Any Supply Chain Management Course at the 300 Level, Any Supply Chain Management Course at the 400 Level, Any Accounting Course at the 200 or 400 Level, Any Actuarial Science Course at the 200 or 400 Level, Any Agricultural Economics Course 200 through 400 Level, Any Business Law Course at the 200 or 400 Level, Any Business Administration Course 200 through 400 Level, Any Economics Course 200 through 400 Level, Any Finance Course 200 through 400 Level, Any Management Course 200 through 400 Level, Any Marketing Course 200 through 400 Level

**Macroeconomics**

complete ECON 311

ECON 311 becomes critical to your success in the major if not completed by the sixth term of enrollment.

**ACE 9 Global/Human Divers**

complete 1 from ACE9
Electives
complete Any Course

15 HR TERM 7

Agricultural Sci Up Lvl
complete 1 from AGRO 153, SOIL 153, Any Agricultural Education Course 200 through 400 Level, Any Agriculture Course 200 through 400 Level, Any Agronomy Course 200 through 400 Level, Any Agricultural Leadership Course 200 through 400 Level, Any Animal Science Course 200 through 400 Level, Any Biochemistry Course 200 through 400 Level, Any Energy Science Course 200 through 400 Level, Any Entomology Course 200 through 400 Level, Any Food Science and Technology Course 200 through 400 Level, Any Fisheries and Wildlife Course 200 through 400 Level, Any Horticulture Course 200 through 400 Level, Any Mechanized Systems Management Course 200 through 400 Level, Any Natural Resources Course 200 through 400 Level, Any PGA Management Course 200 through 400 Level, Any Plant Pathology Course 200 through 400 Level, Any Range Management Course 200 through 400 Level, Any Soil Course 200 through 400 Level, Any Turfgrass and Landscape Management Course 200 through 400 Level, Any Veterinary Science Course 200 through 400 Level, Any Water Science Course 200 through 400 Level

Agri Economic 300/400 Lvl
complete either Any Agricultural Economics Course at the 300 Level or Any Agricultural Economics Course at the 400 Level

Addntl Busn Electives
complete 1 from Any Supply Chain Management Course at the 300 Level, Any Supply Chain Management Course at the 400 Level, Any Accounting Course at the 200 or 400 Level, Any Actuarial Science Course at the 200 or 400 Level, Any Agricultural Economics Course 200 through 400 Level, Any Business Law Course at the 200 or 400 Level, Any Business Administration Course 200 through 400 Level, Any Economics Course 200 through 400 Level, Any Finance Course 200 through 400 Level, Any Management Course 200 through 400 Level, Any Marketing Course 200 through 400 Level

Electives
complete Any Course

15 HR TERM 8

ACE 10 Capstone

Supporting Business
3hr complete AECN 401

Agricultural Sci Up Lvl
complete 1 from AGRO 153, SOIL 153, Any Agricultural Education Course 200 through 400 Level, Any Agriculture Course 200 through 400 Level, Any Agronomy Course 200 through 400 Level, Any Agricultural Leadership Course 200 through 400 Level, Any Animal Science Course 200 through 400 Level, Any Biochemistry Course 200 through 400 Level, Any Energy Science Course 200 through 400 Level, Any Entomology Course 200 through 400 Level, Any Food Science and Technology Course 200 through 400 Level, Any Fisheries and Wildlife Course 200 through 400 Level, Any Horticulture Course 200 through 400 Level, Any Mechanized Systems Management Course 200 through 400 Level, Any Natural Resources Course 200 through 400 Level, Any PGA Management Course 200 through 400 Level, Any Plant Pathology Course 200 through 400 Level, Any Range Management Course 200 through 400 Level, Any Soil Course 200 through 400 Level, Any Turfgrass and Landscape Management Course 200 through 400 Level, Any Veterinary Science Course 200 through 400 Level, Any Water Science Course 200 through 400 Level

Electives
complete Any Course

Graduation Requirements
1. Performance Measure: 2.00 GPA required for graduation.
2. ***Total Credits Applying Toward 120 Total Hours***

Agricultural Economics - Farm & Ranch Management

14 HR TERM 1

College Course
3hr complete AECN 100

Electives
complete Any Course

ACE 6 Economics
6hr complete either AECN 141 or ECON 212

AECN 141 or ECON 212 becomes critical to your success in the major if not completed by the second term of enrollment.
ACE 1 Written Comm

complete 1 from ENGL 150, ENGL 151, ENGL 254, JGEN 120, JGEN 200, JGEN 300

3hr

CASNR Life Science

complete AGRO 131, AGRO 132

4hr

BIOS 101/101L are also acceptable courses this term.

ACE 3 Math

complete either MATH 104 or MATH 106

3hr

MATH 104 or 106 becomes critical to your success in the major if not completed by the third term of enrollment.

16 HR TERM 2

Agricultural Science Reqd

complete either ASCI 100 or ASCI 100L

4hr

College Course

complete SCIL 101

3hr

ACE 3 Statistics

complete STAT 218

3hr

STAT 218 becomes critical to your success in the major if not completed by the third term of enrollment.

ACE 5 Humanities

complete 1 from ACE5

3hr

ACE 2 Oral Comm

complete 1 from NRES 260, ALEC 102, COMM 101, COMM 109, COMM 209, COMM 215, COMM 283, COMM 286, JGEN 300, MRKT 257, TMFD 121, NRES 301

3hr

Agri Economics Core

complete AECN 201

4hr

Accounting

complete ACCT 201

3hr

ACCT 201 becomes critical to your success in the major if not completed by the third term of enrollment.

Agricultural Science Reqd

complete AGRO 153

4hr

ACE 6 Economics

complete ECON 211

3hr

ECON 211 becomes critical to your success in the major if not completed by the fourth term of enrollment.

16 HR TERM 4

Agri Economics Core

complete AECN 235, AECN 256

6hr

Accounting

complete ACCT 202

3hr

ACCT 202 becomes critical to your success in the major if not completed by the fourth term of enrollment.

Nat Sciences: Chemistry

complete CHEM 105

4hr

MSYM 109 is also an acceptable course this term.

Agronomy Specialization

complete 1 from Any Agronomy Course at the 200 Level, Any Agronomy Course at the 300 Level, Any Agronomy Course at the 400 Level

3hr

14 HR TERM 3

15 HR TERM 5
### 16 HR TERM 6
**Agricultural Science Reqd**
- complete AGRO 215

**Mngt/Econ/Finance**
- complete ENTR 322

**Macroeconomics**
- complete ECON 311

ECON 311 becomes critical to your success in the major if not completed by the sixth term of enrollment.

**ACE 9 Global/Human Divers**
- complete 1 from ACE9

**Electives**
- complete Any Course

### 14 HR TERM 7
**Agri Economics Core**
- complete AECN 452, AECN 453

**ACE 7 Arts**
- complete 1 from ACE7

**Electives**
- complete Any Course

### 12 HR TERM 8
**Agri Specialization UpLvl**
- complete 1 from Any Agronomy Course at the 300 Level, Any Agronomy Course at the 400 Level, Any Animal Science Course at the 300 Level, Any Animal Science Course at the 400 Level

**Electives**
- complete Any Course

**Graduation Requirements**
1. Performance Measure: 2.00 GPA required for graduation.
2. ***Total Credits Applying Toward 120 Total Hours***

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**Agricultural Economics - pre-law**

**14 HR TERM 1**
**College Course**
- complete AECN 100

**ACE 6 Economics**
- complete either AECN 141 or ECON 212
AECN 141 or ECON 212 become critical to your success in the major if not completed by the second term of enrollment.

**ACE 1 Written Comm**
complete 1 from ENGL 150, ENGL 151, ENGL 254, JGEN 120, JGEN 200, JGEN 300

**ACE 5 Humanities**
complete 1 from ACE5

**ACE 3 Math**
complete either MATH 104 or MATH 106

MATH 104 or 106 becomes critical to your success in the major if not completed by the third term of enrollment.

**Electives**
complete Any Course

**16 HR TERM 2**

**Agricultural Sci Up Lvl**
complete 1 from AGRO 153, SOIL 153, Any Agricultural Education Course 200 through 400 Level, Any Agriculture Course 200 through 400 Level, Any Agronomy Course 200 through 400 Level, Any Agricultural Leadership Course 200 through 400 Level, Any Animal Science Course 200 through 400 Level, Any Biochemistry Course 200 through 400 Level, Any Energy Science Course 200 through 400 Level, Any Entomology Course 200 through 400 Level, Any Food Science and Technology Course 200 through 400 Level, Any Fisheries and Wildlife Course 200 through 400 Level, Any Horticulture Course 200 through 400 Level, Any Mechanized Systems Management Course 200 through 400 Level, Any Natural Resources Course 200 through 400 Level, Any PGA Management Course 200 through 400 Level, Any Plant Pathology Course 200 through 400 Level, Any Range Management Course 200 through 400 Level, Any Soil Course 200 through 400 Level, Any Turfgrass and Landscape Management Course 200 through 400 Level, Any Veterinary Science Course 200 through 400 Level

**Agricultural Economics**
complete Any Agricultural Economics Course

**15 HR TERM 3**

**Accounting**
complete either ACCT 200 or ACCT 201

**Agricultural Sci Up Lvl**
complete 1 from AGRO 153, SOIL 153, Any Agricultural Education Course 200 through 400 Level, Any Agriculture Course 200 through 400 Level, Any Agronomy Course 200 through 400 Level, Any Agricultural Leadership Course 200 through 400 Level, Any Animal Science Course 200 through 400 Level, Any Biochemistry Course 200 through 400 Level, Any Energy Science Course 200 through 400 Level, Any Entomology Course 200 through 400 Level, Any Food Science and Technology Course 200 through 400 Level, Any Fisheries and Wildlife Course 200 through 400 Level, Any Horticulture Course 200 through 400 Level, Any Mechanized Systems Management Course 200 through 400 Level, Any Natural Resources Course 200 through 400 Level, Any PGA Management Course 200 through 400 Level, Any Plant Pathology Course 200 through 400 Level, Any Range Management Course 200 through 400 Level, Any Soil Course 200 through 400 Level, Any Turfgrass and Landscape Management Course 200 through 400 Level, Any Veterinary Science Course 200 through 400 Level

**ACE 2 Oral Comm**
complete 1 from NRES 260, ALEC 102, COMM 101, COMM 109, COMM 209, COMM 215, COMM 283, COMM 286, JGEN 300, MRKT 257, TMFD 121, NRES 301
ACE 7 Arts
complete 1 from ACE7

ACE 6 Economics
complete ECON 211

ECON 211 becomes critical to your success in the major if not completed by the fourth term of enrollment.

15 HR TERM 4
Agri Economic 300/400 Lvl
complete either Any Agricultural Economics Course at the 300 Level or Any Agricultural Economics Course at the 400 Level

ACE 9 Global/Human Divers
complete 1 from ACE9

Nat Sciences: Chemistry
complete CHEM 105

MSYM 109 is also an acceptable course this term.

Electives
complete Any Course

15 HR TERM 5
Agri Economic 300/400 Lvl
complete Any Agricultural Economics Course at the 300 Level, Any Agricultural Economics Course at the 400 Level

ACE 8 Ethical Principles
complete 1 from ACE8

Microeconomics

15 HR TERM 6
ACE 10 Capstone
complete 1 from AECN 420, AECN 425, AECN 435, AECN 445, AECN 453

Supporting Course
complete AECN 401

Macroeconomics
complete ECON 311

ECON 311 becomes critical to your success in the major if not completed by the sixth term of enrollment.

Electives
complete Any Course

Graduation Requirements
1. Performance Measure: 2.00 GPA required for graduation.
2. ***Total Credits Applying Toward 120 Total Hours***

Agricultural Economics - Public Policy
Icon Legend: Critical

13 HR TERM 1
College Course
complete AECN 100

ACE 6 Economics
complete either AECN 141 or ECON 212
AECN 141 or ECON 212 becomes critical to your success in the major if not completed by the second term of enrollment.

**ACE 1 Written Comm**
complete 1 from ENGL 150, ENGL 151, ENGL 254, JGEN 120, JGEN 200, JGEN 300

**ACE 5 Humanities**
complete 1 from ACE5

**ACE 3 Math**
complete either MATH 104 or MATH 106

MATH 104 or 106 becomes critical to your success in the major if not completed by the third term of enrollment.

**16 HR TERM 2**

**Law and Administration**
complete 1 from AECN 256, AECN 276, AECN 357, BLAW 300, BLAW 371, POLS 210, POLS 469

**Resource Economics**
complete 1 from NRES 323, AECN 265, AECN 357, AECN 465, ECON 340, NRES 423

**ACE 3 Statistics**
complete STAT 218

STAT 218 becomes critical to your success in the major if not completed by the third term of enrollment.

**CASNR Life Science**
complete AGRO 131, AGRO 132

BIOS 101/101L are also acceptable courses this term.

**College Course**
complete SCIL 101

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**15 HR TERM 3**

**Agri Sciences Up Lvl**
complete 1 from AGRO 153, SOIL 153, Any Agriculture Course 200 through 400 Level, Any Agronomy Course 200 through 400 Level, Any Agricultural Leadership Course 200 through 400 Level, Any Animal Science Course 200 through 400 Level, Any Biochemistry Course 200 through 400 Level, Any Entomology Course 200 through 400 Level, Any Energy Science Course 200 through 400 Level, Any Fisheries and Wildlife Course 200 through 400 Level, Any Horticulture Course 200 through 400 Level, Any Mechanized Systems Management Course 200 through 400 Level, Any Natural Resources Course 200 through 400 Level, Any PGA Management Course 200 through 400 Level, Any Plant Pathology Course 200 through 400 Level, Any Range Management Course 200 through 400 Level, Any Soil Course 200 through 400 Level, Any Turfgrass and Landscape Management Course 200 through 400 Level, Any Veterinary Science Course 200 through 400 Level, Any Water Science Course 200 through 400 Level

**Law and Administration**
complete 1 from AECN 256, AECN 276, AECN 357, BLAW 300, BLAW 371, POLS 210, POLS 469

**ACE 2 Oral Comm**
complete 1 from NRES 260, ALEC 102, COMM 101, COMM 109, COMM 209, COMM 215, COMM 283, COMM 286, JGEN 300, MRKT 257, TMFD 121, NRES 301

**ACE 7 Arts**
complete 1 from ACE7

**ACE 6 Economics**
complete ECON 211

ECON 211 becomes critical to your success in the major if not completed by the fourth term of enrollment.

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**15 HR TERM 4**

**Agri Economics Elect**
complete Any Agricultural Economics Course
200 level or above.

**Development Economics**

complete 1 from AECN 346, AECN 367, AECN 376, ANTH 474, ECON 322, ECON 323, ECON 340, ECON 423

3hr

**Nat Sciences: Chemistry**

complete CHEM 105

4hr

MSYM 109 is also an acceptable course this term.

**Agri Sciences Up Lvl**

complete 1 from AGRO 153, SOIL 153, Any Agriculture Course 200 through 400 Level, Any Agronomy Course 200 through 400 Level, Any Agricultural Leadership Course 200 through 400 Level, Any Animal Science Course 200 through 400 Level, Any Biochemistry Course 200 through 400 Level, Any Energy Science Course 200 through 400 Level, Any Entomology Course 200 through 400 Level, Any Food Science and Technology Course 200 through 400 Level, Any Fisheries and Wildlife Course 200 through 400 Level, Any Horticulture Course 200 through 400 Level, Any Mechanized Systems Management Course 200 through 400 Level, Any Natural Resources Course 200 through 400 Level, Any PGA Management Course 200 through 400 Level, Any Plant Pathology Course 200 through 400 Level, Any Range Management Course 200 through 400 Level, Any Soil Course 200 through 400 Level, Any Turfgrass and Landscape Management Course 200 through 400 Level, Any Veterinary Science Course 200 through 400 Level, Any Water Science Course 200 through 400 Level

3hr

**Electives**

complete Any Course

3hr

15 HR TERM 5

**Resource Economics**

complete 1 from NRES 323, AECN 265, AECN 357, AECN 465, ECON 340, NRES 423

3hr

**Policy Issues**

complete AECN 345

3hr

**ACE 8 Ethical Principles**

complete 1 from ACE8

3hr

15 HR TERM 6

**International Economics**

complete 1 from AECN 420, AECN 425, AECN 467, ECON 321, ECON 421, ECON 422, POLS 459

3hr

**Policy Analysis**

complete 1 from AECN 495C, ECON 371, ECON 426, ECON 471, ECON 472, NRES 323, POLS 235, POLS 236

3hr

**Macroeconomics**

complete ECON 311

3hr

ECON 311 becomes critical to your success in the major if not completed by the sixth term of enrollment.

**ACE 9 Global/Human Divers**

complete 1 from ACE9

3hr

**Electives**

complete Any Course

3hr

15 HR TERM 7

**Supporting Course**

complete ECON 417

3hr
### 12 HR TERM 8

**ACE 6 Economics**
- complete either AECN 141 or ECON 212
  - 3 hr

AECN 141 or ECON 212 becomes critical to your success in the major if not completed by the second term of enrollment.

**ACE 1 Written Comm**
- complete 1 from ENGL 150, ENGL 151, ENGL 254, JGEN 120, JGEN 200, JGEN 300
  - 3 hr

**ACE 5 Humanities**
- complete 1 from ACE5
  - 3 hr

**ACE 3 Math**
- complete MATH 106
  - 5 hr

MATH 106 becomes critical to your success in the major if not completed by the third term of enrollment.

### 14 HR TERM 2

**Supporting Business/Math**
- complete MATH 107
  - 4 hr

**College Course**
- complete SCIL 101
  - 3 hr

**ACE 3 Statistics**
- complete STAT 218
  - 3 hr

STAT 218 becomes critical to your success in the major if not completed by the third term of enrollment.

### Gradient Requirements
1. Performance Measure: 2.00 GPA required for graduation.
2. ***Total Credits Applying Toward 120 Total Hours***

### Agricultural Economics - Quantitative Analysis

**15 HR TERM 1**

**College Course**
- complete AECN 100
  - 4 hr
BIOS 101/101L are also acceptable courses this term.

**16 HR TERM 3**

**Agricultural Economics**
complete Any Agricultural Economics Course
3hr

200 level or above.

**Accounting**
complete ACCT 201
3hr

ACCT 201 becomes critical to your success in the major if not completed by the third term of enrollment.

**ACE 2 Oral Comm**
complete 1 from NRES 260, ALEC 102, COMM 101, COMM 109, COMM 209, COMM 215, COMM 283, COMM 286, JGEN 300, MRKT 257, TMFD 121, NRES 301
3hr

**Supporting Business/Math**
complete MATH 208
4hr

**ACE 6 Economics**
complete ECON 211
3hr

ECON 211 becomes critical to your success in the major if not completed by the fourth term of enrollment.

**15 HR TERM 4**

**Agricultural Economics**
complete Any Agricultural Economics Course
3hr

200 level or above.

**Accounting**
complete ACCT 202
3hr

ACCT 202 becomes critical to your success in the major if not completed by the fourth term of enrollment.

**Nat Sciences: Chemistry**
complete CHEM 105
4hr

MSYM 109 is also an acceptable course this term.

**Agri Sciences Electives**
complete 1 from AGRO 153, SOIL 153, Any Agricultural Education Course 200 through 400 Level, Any Agronomy Course 200 through 400 Level, Any Agricultural Leadership Course 200 through 400 Level, Any Animal Science Course 200 through 400 Level, Any Biochemistry Course 200 through 400 Level, Any Energy Science Course 200 through 400 Level, Any Entomology Course 200 through 400 Level, Any Environmental Studies Course 200 through 400 Level, Any Food Science and Technology Course 200 through 400 Level, Any Fisheries and Wildlife Course 200 through 400 Level, Any Horticulture Course 200 through 400 Level, Any Mechanized Systems Management Course 200 through 400 Level, Any Natural Resources Course 200 through 400 Level, Any PGA Management Course 200 through 400 Level, Any Plant Pathology Course 200 through 400 Level, Any Range Management Course 200 through 400 Level, Any Soil Course 200 through 400 Level, Any Turfgrass and Landscape Management Course 200 through 400 Level, Any Veterinary Science Course 200 through 400 Level, Any Water Science Course 200 through 400 Level
3hr

**Electives**
complete Any Course
2hr

**15 HR TERM 5**

**Agricultural Economics**
complete Any Agricultural Economics Course
3hr

200 level or above.

**Supporting Business/Math**
complete STAT 380
3hr

**ACE 8 Ethical Principles**
complete 1 from ACE8
3hr

**Microeconomics**
complete ECON 312
ECON 312 becomes critical to your success in the major if not completed by the fifth term of enrollment.

Electives

complete Any Course

14 HR TERM 6

Agri Economic 300/400 Lvl

complete either Any Agricultural Economics Course at the 300 Level or Any Agricultural Economics Course at the 400 Level

Addntl Busn Elective

cOMPLETE 1 FROM ANY Supply Chain Management Course at the 300 Level, Any Accounting Course at the 300 or 400 Level, Any Actuarial Science Course at the 300 or 400 Level, Any Agricultural Economics Course 200 through 400 Level, Any Business Law Course at the 300 or 400 Level, Any Business Administration Course 200 through 400 Level, Any Economics Course 200 through 400 Level, Any Entrepreneurship Course at the 300 or 400 Level, Any Finance Course 200 through 400 Level, Any Management Course 200 through 400 Level, Any Marketing Course 200 through 400 Level

Macroeconomics

recommend 1 or more courses

ECON 311 becomes critical to your success in the major if not completed by the sixth term of enrollment.

ACE 9 Global/Human Divers

complete 1 from ACE9

Electives

complete Any Course

15 HR TERM 7

Supporting Business/Math

complete ECON 417

Agri Economic 300/400 Lvl

complete either Any Agricultural Economics Course at the 300 Level or Any Agricultural Economics Course at the 400 Level

ACE 10 Capstone

complete 1 from AECN 420, AECN 425, AECN 435, AECN 445, AECN 453

Electives

complete Any Course

Graduation Requirements

1. Performance Measure: 2.00 GPA required for graduation.
2. ***Total Credits Applying Toward 120 Total Hours***

Career Information

The following represents a sample of the internships, jobs and graduate school programs that current students and recent graduates have reported.
Jobs of Recent Graduates

- Grain Merchandiser, Scoular - Omaha NE
- Chemical Representative, Dow AgroSciences - Sioux Falls SD
- Grain Merchandiser, Bartlett Grain Company - Kansas City MO
- Ag Real Estate, Mid-Continent Properties - Omaha NE
- Owner/Operator, Family Farm - Central NE
- Production Supervisor, Cargill - Holdrege NE
- Sales Representative, Helena Chemical Company - Petersburg NE
- Cattle Analyst, JBF - Omaha NE
- Marketing Rep, John Deere - Des Moines IA
- District Sales Manager, Rob See Co - Elkhorn NE

Internships

- Global Programs Intern, U.S. Grains Council - Washington DC
- Seed Production Intern, Syngenta - Phillips NE
- Agronomy Intern, Ag Valley Coop - Indianola NE
- Intern - Office of Atty General, Nebraska Dept of Justice - Lincoln NE
- International Trade Intern, Nebraska Dept of Agriculture - Lincoln NE
- Public Policy Intern, American Farm Bureau Federation - Washington DC
- Grain Processing Intern, Ag Processing Inc - Eagle Grove IA
- Sales, Dow Agroscience/Mycogen Seed - Aurora NE
- Asst. Field Supervisor, Pioneer - York NE
- Intern, Sandhills Publishing - Lincoln NE

Grad Schools

- MS Agricultural Economics, University of Connecticut - Storrs CT
- Masters of Agricultural Economics, University of Nebraska-Lincoln - Lincoln NE
- Food and Resources Economics PhD, University of Florida -
- Juris Doctorate, University of Nebraska-Lincoln - Lincoln NE
- Ph.D. Agricultural Economics, University of Nebraska - Lincoln - Lincoln NE