

# 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 five available options:

- Applied Economics Option
- Farm and Ranch Management Option
- Public Policy Option
- Quantitative Analysis Option
- Pre-Law Option

## 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 sciences, and 2 units of world language. Students must also meet performance requirements: a 3.0 cumulative high school grade point average OR an ACT composite of 20 or higher, writing portion not required OR a score of 1040 or higher on the SAT Critical Reading and Math sections 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.

### 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 the University of Nebraska–Lincoln, or within the first calendar year at Nebraska, whichever takes longer. College-level coursework taken to remove deficiencies may be used to meet degree requirements in CASNR.

Deficiencies in the required entrance subjects can be removed by the 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.

## 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 ensure that a student will meet the minimum curriculum requirements of the College.

## World Languages/Language Requirement

Two units of a world language are required. This requirement is usually met with two years of high school language.

## Experiential Learning

All undergraduates in the College of Agricultural Sciences and Natural Resources must take an Experiential Learning (EL) designated course. This may include 0-credit courses designed to document co-curricular activities recognized as Experiential Learning.

## Minimum Hours Required for Graduation

The College grants the bachelors 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. Some degree programs have a higher cumulative grade point average required for graduation. Please check the degree program on its graduation cumulative grade point average.

## 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 their 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 (withdrew), 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.

### 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. Some degree programs have a higher cumulative grade point average required for graduation. Please check the degree program on its graduation cumulative grade point average.

## 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 (60) is the maximum number of hours the University will accept on transfer from a two-year college. Ninety (90) is the maximum number of hours the University 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 the University of Nebraska–Lincoln 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 the University of Nebraska–Lincoln.

### 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 the requirements for a bachelor of science degree in CASNR. Cooperative programs result in a single degree from either the University of Nebraska–Lincoln 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 the University of Nebraska–Lincoln, 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
- Nebraska Indian Community College
- 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 the University of Nebraska–Lincoln 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 provide transcripts and complete the Application for Degree form via MyRED. Students without MyRED access may apply for graduation in person at Husker Hub in the Canfield Administration Building, or by mail. Students should discuss these degree programs with their academic advisor.

### Cooperative Degree Programs

Academic credit from the University and a cooperating institution are applied towards a four-year degree from either the University of Nebraska–Lincoln (University degree-granting program) or the cooperating institution (non-University degree-granting program). All have approved programs of study.

### UNL Degree-Granting Programs

A University of Nebraska–Lincoln 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 and a 3+1 program leading to a bachelor of science in Applied Science.

**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.** Transfer programs are available for students pursuing degree programs leading to a bachelor of science degree.

### Non University of Nebraska–Lincoln Degree-Granting Programs

CASNR cooperates with other institutions to provide coursework 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 the University 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 coursework at Chadron State College and one year of specialized range science coursework (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 University of Nebraska–Lincoln credits. At least 18 of the 30 credit hours must be in courses offered through CASNR<sup>1</sup> (>299) including the appropriate ACE 10 degree requirement or an approved ACE 10 substitution offered through another Nebraska 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 the University of Nebraska–Lincoln and participate in prior-approved education abroad programs. The University of Nebraska–Lincoln open enrollment and summer independent study courses count toward residence.

<sup>1</sup> *Includes courses taught by CASNR faculty through interdisciplinary prefixes (e.g., LIFE, MBIO, 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 coursework under the 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 [ace.unl.edu](http://ace.unl.edu) (<https://ace.unl.edu/>).

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 the University of Nebraska–Lincoln or when they were first admitted to a Joint Academic Transfer Program. Students transferring from a community college, but without admission to a Joint Academic Transfer Program, may be eligible to fulfill the requirements as stated in the catalog for an academic year in which they were enrolled at the community college prior to attending the University of Nebraska-Lincoln. This decision should be made in consultation with academic advisors, provided the student a) was enrolled in a community college during the catalog year they are utilizing, b) maintained continuous enrollment at the previous institution for 1 academic year or more, and c) continued enrollment at the University of Nebraska-Lincoln within 1 calendar year from their last term at the previous institution. 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 the University of Nebraska–Lincoln 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

Graduates of agricultural economics will be able to:

1. Display familiarity with a comprehensive set of economic principles and show the ability to apply a smaller set of these principles to specific resource/agricultural economic situations; specifically using quantitative and/or qualitative data to evaluate these decisions.
2. Relate national and global economies to the United States' food system/ag complex and understand the impacts of public policies as they relate to growth and prosperity.
3. Write and speak effectively using the appropriate mediums of communication and various levels of formality for professional exchanges of information.
4. Use critical thinking to understand the importance of diverse social relationships, global interdependencies, and personal and professional ethical standards.

## Major Requirements

### Core Requirements

#### College Integrative Course (ACE 8)

SCIL 101	Science and Decision-Making for a Complex World	3
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Credit Hours Subtotal: 3

#### Communications

##### Written Communication (ACE 1)

Select one of the following: 3

ENGL 150	Writing and Inquiry	
ENGL 151	Writing for Change	
ENGL 254	Writing and Communities	
JGEN 120	Basic Business Communication	
JGEN 200	Technical Communication I	
JGEN 300	Technical Communication II	

##### Oral Communication (ACE 2)

Select one of the following: 3

ALEC 102	Interpersonal Skills for Leadership	
COMM 101	Communication in the 21st Century	
COMM 209	Public Speaking	
COMM 210	Communicating in Small Groups	
COMM 215	Visual Communication	
COMM 283	Interpersonal Communication	
COMM 286	Business and Professional Communication	
JGEN 300	Technical Communication II	
MRKT 257	Sales Communication	
NRES 301	Environmental Communication Skills	
TMFD 121	Visual Communication with Animation	
Credit Hours Subtotal:		6

**Mathematics and Statistics (ACE 3)**

STAT 218	Introduction to Statistics or ECON 215 Statistics	
Select one of the following:		3-5
MATH 104	Applied Calculus	
MATH 106	Calculus I <sup>1</sup>	
Credit Hours Subtotal:		3-5

**Natural Sciences (ACE 4)**

Select one each from two of the following areas:		8
Select from CASNR Approved Life Sciences:		
BIOS 101 & BIOS 101L	General Biology and General Biology Laboratory	
ENTO 115 / BIOS 115 & ENTO 116 / BIOS 116	Insect Biology and Insect Identification	
PLAS 131 & PLAS 132	Plant Science and Agronomic Plant Science Laboratory	
PLAS 131 & PLAS 133	Plant Science and Horticultural Plant Science Laboratory	
PLAS 131 & PLAS 134	Plant Science and Plant Sciences Laboratory	
LIFE 120 & LIFE 120L	Fundamentals of Biology I and Fundamentals of Biology I laboratory	
LIFE 121 & LIFE 121L	Fundamentals of Biology II and Fundamentals of Biology II Laboratory	

Select from the following:

CHEM 105A & CHEM 105L	Chemistry in Context I and Chemistry in Context I Laboratory	
CHEM 109A & CHEM 109L	General Chemistry I and General Chemistry I Laboratory	
Select from the following:		
AGST 109	Physical Principles in Agriculture and Life Sciences	
PHYS 141	Physics for Life Sciences I	
PHYS 151	Elements of Physics	
PHYS 211	General Physics I	
Credit Hours Subtotal:		8

**Economics, Humanities and Social Sciences (ACE 6)**

AECN 141	Introduction to the Economics of Agriculture	3
or ECON 212	Principles of Microeconomics	

ECON 211	Principles of Macroeconomics	3
Select one course from each ACE outcome 5, 7, and 9		9
Credit Hours Subtotal:		15
<b>Total Credit Hours</b>		<b>35-37</b>

<sup>1</sup> Required for Quantitative Analysis Option.**Applied Economics Option**

The Applied Economics 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 20	Seminar in Agricultural and Applied Economics	0
AECN 100	New Student Career Orientation	1
AECN 175	Introduction to Excel	1
AECN 340	Quantitative Methods in Agribusiness	3
Select 24 hours of AECN or ABUS electives or from EAEP 201, EAEP 300, EAEP 301, EAEP 302, EAEP 388, EAEP 392, EAEP 496 or ENTR 322. Must include 12 hours at the 300 level or above and at least one of the following capstone (ACE 10) courses: <sup>1</sup>		24
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	
ASCI 485	Animal Systems Analysis	
EAEP 488 / ABUS 488	Entrepreneurship and Enterprise Development	
Credit Hours Subtotal:		29

**Agricultural Sciences and Natural Resources**

Select 12 hours of CASNR electives <sup>2</sup>		12
Credit Hours Subtotal:		12

**Supporting Courses**

ACCT 200	Accounting for Business Decisions	3
or ACCT 201 & ACCT 202	Introductory Accounting I and Introductory Accounting II	
ECON 311A	Intermediate Macroeconomics - Quantitative	3
or ECON 311B	Intermediate Macroeconomics - Descriptive	
Select one of the following:		3
AECN 436	Commodity Price Forecasting	
AECN 401	Advanced Farm Management and Linear Programming	
ECON 417	Introductory Econometrics	
SCMA 331	Operations and Supply Chain Management	
Select 6 hours of College of Business or agricultural economics electives <sup>3</sup>		6
Credit Hours Subtotal:		15





<b>Free Electives</b>	
Select 21-26 hours	21-26
Credit Hours Subtotal:	21-26
<b>Total Credit Hours</b>	<b>77-82</b>

- <sup>1</sup> Excludes INTF 320.
- <sup>2</sup> At least 9 hours at the 200 level or above, including PLAS 153. Excluding AECN courses and INTF 320.
- <sup>3</sup> Select 200-level courses or above. Includes courses from ACCT, ACTS, AECN, BLAW, BSAD, EAEP, ECON, ENTR, FINA, MNGT, MRKT, and SCMA. Includes EAEP 201 and ENTR 322.

**Farm and Ranch Management Option**

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

<b>Agricultural Economics</b>		
AECN 20	Seminar in Agricultural and Applied Economics	0
AECN 100	New Student Career Orientation	1
AECN 175	Introduction to Excel	1
AECN 340	Quantitative Methods in Agribusiness	3
AECN 201	Farm and Ranch Management	4
AECN 301	Farm Accounting, Analysis, and Tax Management	3
AECN 235 / MRKT 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/Capstone Course)	3
AECN 452	Agricultural Finance	3
AECN 453	Agricultural and Rural Property Appraisal	3
Select one of the following:		3
AECN 256	Legal Aspects in Agriculture	
BLAW 300	Business, Government & Society	
BLAW 372	Business Law I	
Credit Hours Subtotal:		33
<b>Supporting Courses</b>		
ACCT 200	Accounting for Business Decisions	3
or ACCT 201 & ACCT 202	Introductory Accounting I and Introductory Accounting II	
ECON 311A	Intermediate Macroeconomics - Quantitative	3
or ECON 311B	Intermediate Macroeconomics - Descriptive	
Select one of the following:		3
ENTR 322	Family Business	
MNGT 300	Management Essentials For Contemporary Organizations	
MNGT 301	Introduction to Management	
MNGT 360	Managing Behavior in Organizations	

MNGT 361	Human Resource Management	
Credit Hours Subtotal:		9
<b>Agricultural Sciences</b>		
PLAS 153 / SOIL 153	Soil Resources	4
PLAS 215	Genetics	4
or BIOS 206	General Genetics	
ASCI 100	Fundamentals of Animal Biology and Industry	3
Credit Hours Subtotal:		11
<b>Agricultural Focus Area</b>		
Select either Agronomy or Animal Science Focus Area:		9
Agronomy Focus Area: min of 6 hours at 300 & 400 level. Choose from any 200-level or higher PLAS courses.		
Animal Sciences Focus Area: min of 6 hours at 300 & 400 level. Choose from any 200-level or higher ASCI courses.		
Credit Hours Subtotal:		9
<b>Free Electives</b>		
Select 14-16 hours		14-16
Credit Hours Subtotal:		14-16
<b>Total Credit Hours</b>		<b>76-78</b>

**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 20	Seminar in Agricultural and Applied Economics	0
AECN 100	New Student Career Orientation	1
AECN 175	Introduction to Excel	1
AECN 340	Quantitative Methods in Agribusiness	3
AECN 345	Policy Issues in Agriculture and Natural Resources	3
AECN 445 / NREE 445	Agricultural and Natural Resource Policy Analysis (ACE 10/Capstone Course)	3
or EAEP 488 / ABUS 488	Entrepreneurship and Enterprise Development	
Select 6 hours of AECN or ABUS electives (may also include EAEP 201, EAEP 300, EAEP 301, EAEP 302, EAEP 388, EAEP 392, EAEP 496, or ENTR 322)		6
<b>Policy Analysis</b>		
Select two of the following:		6
AECN 495C	Internship in Agricultural and Public Policy	
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	
<b>Law &amp; Administration</b>		
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	
<b>Resource Economics</b>		
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 /	Resource and Environmental Economics II	
<b>International Economics</b>		
Select two of the following:		6
AECN 420	International Food and Agricultural Trade	
AECN 425	Agricultural Marketing in a Multinational Environment	
AECN 467 / ECON 466 / HIST 479 / POLS 466	Pro-seminar in International Relations	
ECON 321	Introduction to International Economics	
ECON 421	International Trade	
ECON 422	International Finance	
POLS 459	International Political Economy	
<b>Developmental Economics</b>		
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 / GLST 474	Development in Theory and Practice	
ECON 423	Economics of the Less Developed Countries	
Credit Hours Subtotal:		47
<b>Supporting Courses</b>		
ECON 311A	Intermediate Macroeconomics - Quantitative	3
or ECON 311B	Intermediate Macroeconomics - Descriptive	
ECON 417	Introductory Econometrics	3
or AECN 401	Advanced Farm Management and Linear Programming	
or AECN 436	Commodity Price Forecasting	
or SCMA 331	Operations and Supply Chain Management	
Select 6 hours of CASNR electives <sup>1</sup>		6
Credit Hours Subtotal:		12
<b>Free Electives</b>		
Select 21-26 hours		21-26

Credit Hours Subtotal:	21-26
<b>Total Credit Hours</b>	<b>80-85</b>

<sup>1</sup> Select 200-level courses or above, including PLAS 153. Excluding AECN courses and INTF 320.

### Quantitative Analysis Option

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

#### Agricultural Economics

AECN 20	Seminar in Agricultural and Applied Economics	0
AECN 100	New Student Career Orientation	1
AECN 175	Introduction to Excel	1
AECN 340	Quantitative Methods in Agribusiness	3
Select 24 hours of AECN or ABUS electives or from EAEP 201, EAEP 300, EAEP 301, EAEP 302, EAEP 388, EAEP 392, EAEP 496. Must include 12 hours at the 300 level or above and one of the following capstone (ACE 10) courses: <sup>1</sup>		24
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	
EAEP 488 / ABUS 488	Entrepreneurship and Enterprise Development	
Credit Hours Subtotal:		29

#### Agricultural Sciences and Natural Resources

Select 6 hours of CASNR electives <sup>2</sup>		6
Credit Hours Subtotal:		6

#### Supporting Courses

ACCT 200	Accounting for Business Decisions	3
or ACCT 201 & ACCT 202	Introductory Accounting I and Introductory Accounting II	
ECON 311A	Intermediate Macroeconomics - Quantitative	3
or ECON 311B	Intermediate Macroeconomics - Descriptive	
ECON 417	Introductory Econometrics	3
AECN 401	Advanced Farm Management and Linear Programming	3
MATH 107	Calculus II	4
MATH 208	Calculus III	4
STAT 380	Statistics and Applications	3
Select 3 hours of ABUS or AECN electives <sup>3</sup>		3
Credit Hours Subtotal:		26
<b>Free Electives</b>		
Select 16-21 hours		16-21
Credit Hours Subtotal:		16-21
<b>Total Credit Hours</b>		<b>77-82</b>

<sup>1</sup> Excludes INTF 320.

<sup>2</sup> Select 200-level courses or above, including PLAS 153. Excluding AECN courses and INTF 320.

<sup>3</sup> Select 200-level courses or above. Select 3 hours of ABUS or AECN electives or from EAEP 201, EAEP 300, EAEP 301, EAEP 302, EAEP 388, EAEP 392, EAEP 496.

### Pre-Law Option

The 3-3 Law Program allows qualified undergraduate students to begin studies at the University of Nebraska College of Law after three years of undergraduate studies. Students admitted to the program will use the credit hours awarded in the first year at the College of Law to complete their undergraduate degree requirements. The 3-3 Law Program allows students to receive their Bachelor's degree and their Juris Doctor degree in six years rather than the traditional seven years.

For additional information, go to <https://law.unl.edu/3-3-program-information/>.

AECN 20	Seminar in Agricultural and Applied Economics	0
AECN 100	New Student Career Orientation	1
AECN 175	Introduction to Excel	1
AECN 201	Farm and Ranch Management	4
AECN 340	Quantitative Methods in Agribusiness	3
Select 15 hours of AECN or ABUS electives or from EAEP 201, EAEP 300, EAEP 301, EAEP 302, EAEP 388, EAEP 392, EAEP 496, including 9 hours at the 300 level or above and one of the following capstone (ACE 10) courses: <sup>1</sup>		15
Capstone (ACE 10)		
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	
EAEP 488 / ABUS 488	Entrepreneurship and Enterprise Development	
Credit Hours Subtotal:		24
<b>Agricultural Sciences and Natural Resources</b>		
Select 3 hours of CASNR electives <sup>2</sup>		3
Credit Hours Subtotal:		3
<b>Supporting Courses</b>		
ACCT 200 or ACCT 201	Accounting for Business Decisions or Introductory Accounting I	3
AECN 401	Advanced Farm Management and Linear Programming	3
ECON 311A or ECON 311B	Intermediate Macroeconomics - Quantitative or Intermediate Macroeconomics - Descriptive	3
Credit Hours Subtotal:		9
<b>Year 1 College of Law</b>		
Complete the First Year Curriculum in the College of Law. First Year curriculum can be found on the College of Law website - <a href="https://law.unl.edu/first-year-curriculum">https://law.unl.edu/first-year-curriculum</a> ( <a href="https://law.unl.edu/first-year-curriculum/">https://law.unl.edu/first-year-curriculum/</a> )		30

Credit Hours Subtotal:	30
<b>Free Electives</b>	
Complete 14-16 hours	14-16
Credit Hours Subtotal:	14-16
<b>Total Credit Hours</b>	<b>80-82</b>

<sup>1</sup> Excludes INTF 320.

<sup>2</sup> Select 200-level courses or above, including PLAS 153. Excluding AECN courses and INTF 320.

## Additional Major Requirements

Students completing an agricultural economics degree program may not receive a second major in agribusiness.

### 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 coursework with an international focus are required as part of the 120 hours required for a degree. Course options include the following list, those listed in the University's Global Studies degree program, or any ACE 9 course.

AECN 220	International Agricultural Trade	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
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

### 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

#### Core Courses

AECN 201	Farm and Ranch Management	4
AECN 265 / NREE 265	Resource and Environmental Economics I	3
Select one of the following:		3
AECN 141	Introduction to the Economics of Agriculture	
ECON 200	Economic Essentials and Issues	
ECON 212	Principles of Microeconomics	

Select one of the following:	3
AECN 235 / MRKT 235 Introduction to Commodity Marketing	
AECN 225 / EAEP 225 / MRKT 225 Agribusiness Entrepreneurship in Food Products Marketing	
AECN 325 / MRKT 325 Marketing of Agricultural Commodities	
Select 5 hours of additional agricultural economics courses. <sup>1</sup>	5
Credit Hours Subtotal:	18
<b>Total Credit Hours</b>	<b>18</b>

<sup>1</sup> Excluding AECN 141, with 3 hrs at the 300 level or above (excluding AECN 388).

## Community Economics and Social Dynamics Minor

### Core Courses

AECN 276 / SOCI 241 Rural Sociology	3
AECN 376 Rural Community Economics	3
AECN 396 Independent Study in Agricultural Economics	1-5
PA 8436 / PA 4430 Municipal Administration (UNO)	3
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	
PSYC 288 The Psychology of Social Behavior	
SOCI 346 Environmental Sociology	
Credit Hours Subtotal:	6
<b>Total Credit Hours</b>	<b>18</b>

### AECN 100 New Student Career Orientation

**Prerequisites:** First semester freshmen; 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

**Grading Option:** Graded with Option

### 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

**Grading Option:** Graded with Option

**Offered:** FALL

**Prerequisite for:** SCIL 300

**ACE:** ACE 4 Science ACE 8 Civic/Ethics/Stewardship

### 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

**Grading Option:** Graded with Option

**Prerequisite for:** ABUS 341, MRKT 341; AECN 201; AECN 220; AECN 225, EAEP 225, MRKT 225; AECN 235, MRKT 235; AECN 265, NREE 265; AECN 301; AECN 316; AECN 340; AECN 345; AECN 346; AECN 367; AECN 376; AECN 420; AECN 436; AECN 453; AECN 474; BLAW 371; BLAW 371H; BLAW 372; ECON 303; ECON 311A; ECON 311B; ECON 312A; ECON 312B; ECON 321; ECON 389; ECON 417; FINA 300; FINA 361; MNGT 301; MNGT 301H; MNGT 475; MRKT 300; SCMA 331; SCMA 350; SCMA 350H

**ACE:** ACE 6 Social Science

### AECN 175 Introduction to Excel

**Description:** Introduction to spreadsheet use, specifically Microsoft Excel. Become proficient at the basic uses of Excel, including data entry, record-keeping, and formula use. Also includes more advanced topics including programming logic, data analysis, and presentation of results.

**Credit Hours:** 1

**Max credits per semester:** 1

**Max credits per degree:** 1

**Grading Option:** Graded

**Prerequisite for:** AECN 340

**Groups:** Introductory

### 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

**Grading Option:** Graded with Option



**AECN 220 International Agricultural Trade**

**Prerequisites:** AECN 141 or ECON 212

**Description:** Introduction to the foundational concepts and applications of international trade with a strong focus on agriculture and food markets. Establish basic literacy in international trade with applications to agricultural commodity and affiliated markets and policy issues such as tariff-rate quotas and phytosanitary regulations unique to agriculture.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Graded

**Offered:** SPRING

**ACE:** ACE 9 Global/Diversity

**AECN 225 Agribusiness Entrepreneurship in Food Products Marketing**

**Crosslisted with:** EAEP 225, MRKT 225

**Prerequisites:** AECN 141 or ECON 212

**Notes:** Pass/No Pass option not allowed for College of Business majors.

**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.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Graded with Option

**Offered:** SPRING

**Prerequisite for:** AECN 316

**AECN 235 Introduction to Commodity Marketing**

**Crosslisted with:** MRKT 235

**Prerequisites:** AECN 141 or ECON 212

**Notes:** Pass/No Pass option not allowed for College of Business majors.

**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

**Grading Option:** Graded with Option

**Offered:** SPRING

**Prerequisite for:** AECN 316; AECN 325, MRKT 325; AECN 336

**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

**Grading Option:** Graded with Option

**AECN 265 Resource and Environmental Economics I**

**Crosslisted with:** NREE 265

**Prerequisites:** ECON 212 or AECN 141.

**Description:** Introduction to environmental and natural resource economics and the role of such concepts in natural resource management. Application of economic principles to actual natural resource/environmental issues with focus on tradeoffs, cost and benefits, and decision making.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Graded with Option

**Offered:** SPRING

**AECN 275 Agribusiness Entrepreneurial Finance**

**Crosslisted with:** EAEP 275, ENTR 275, PLAS 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

**Grading Option:** Graded with Option

**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

**Grading Option:** Graded with Option

**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

**Grading Option:** Graded with Option

**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

**Grading Option:** Graded with Option

**Prerequisite for:** AECN 416

**AECN 320 International Trade Policy and Politics****Crosslisted with:** INTF 320, ECON 320**Prerequisites:** Minimum sophomore standing.**Description:** Foundational elements necessary for understanding and analyzing modern-day trade policy-making, including the origins and evolution of the modern international trading system, U.S. domestic trade policy processes, the interaction between business goals and government policy, and the interplay between trade policy and overall U.S. foreign policy objectives. Analytical frameworks and the opportunity to develop practical skills applicable to any future professional or policy-making setting.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded**Offered:** FALL**AECN 325 Marketing of Agricultural Commodities****Crosslisted with:** MRKT 325**Prerequisites:** AECN 235**Notes:** Pass/No Pass option not allowed for College of Business majors.**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**Grading Option:** Graded with Option**Prerequisite for:** AECN 316**Course and Laboratory Fee:** \$40**AECN 336 Grain Merchandising****Prerequisites:** AECN 235**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 235 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**Grading Option:** Graded with Option**Course and Laboratory Fee:** \$40**AECN 340 Quantitative Methods in Agribusiness****Prerequisites:** AECN 141, AECN 175, STAT 218 or equivalent, and MATH 104**Description:** Builds upon basic agricultural and applied economic knowledge to advance understanding of economic theory and learn how to apply knowledge to address current issues within agricultural markets. Develop critical thinking and analytical skills around applied economic issues and managerial decisions within the agricultural and natural resource industries. Organize, analyze and present quantitative data to support economic decision making in agribusinesses and the food and fiber industry.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded with Option**Offered:** FALL/SPR**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**Grading Option:** Graded with Option**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**Grading Option:** Graded with Option**ACE:** ACE 9 Global/Diversity**AECN 357 Natural Resource and Environmental Law****Crosslisted with:** NREE 357**Prerequisites:** Junior standing**Notes:** 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**Grading Option:** Graded with Option**Prerequisite for:** AECN 457, AECN 857, NREE 457**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**Grading Option:** Graded with Option**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**Grading Option:** Graded with Option

**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

**Grading Option:** Graded with Option

**ACE:** ACE 8 Civic/Ethics/Stewardship

**AECN 391 Special Topics in Agricultural Economics**

**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

**Grading Option:** Graded with Option

**AECN 396 Independent Study in Agricultural Economics**

**Prerequisites:** Permission and advance approval of independent study contract at the start of each semester.

**Notes:** P/N only.

**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

**Grading Option:** Graded with Option

**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

**Grading Option:** Graded with Option

**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

**Grading Option:** Graded with Option

**AECN 420 International Food and Agricultural Trade**

**Prerequisites:** AECN 141 or ECON 212, and ECON 211

**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

**Grading Option:** Graded with Option

**ACE:** ACE 10 Integrated Product ACE 9 Global/Diversity

**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

**Grading Option:** Graded with Option

**ACE:** ACE 10 Integrated Product ACE 9 Global/Diversity

**AECN 435 Advanced Agricultural Marketing Management**

**Description:** Marketing: farm, ranch, and agribusiness firm management. Risk management strategies using combinations of derivatives and insurance products. Advanced trading and merchandising strategies using fundamental and technical analysis.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Graded with Option

**ACE:** ACE 10 Integrated Product

**Course and Laboratory Fee:** \$40

**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

**Grading Option:** Graded with Option

**Course and Laboratory Fee:** \$40

**AECN 445 Agricultural and Natural Resource Policy Analysis****Crosslisted with:** NREE 445**Prerequisites:** ECON 311B and ECON 312B**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**Grading Option:** Graded with Option**ACE:** ACE 8 Civic/Ethics/Stewardship ACE 10 Integrated Product**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**Grading Option:** Graded with Option**Prerequisite for:** AECN 416**AECN 453 Agricultural and Rural Property Appraisal****Prerequisites:** AECN 141, or ECON 210 or 212. AECN 201 and PLAS 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**Grading Option:** Graded with Option**ACE:** ACE 10 Integrated Product**AECN 456 Environmental Law****Crosslisted with:** AECN 856, NREE 456**Prerequisites:** Senior standing.**Notes:** Available through Online and Distance Education.**Description:** Principles of law involved in environmental issues, externalities and market failures, public health, environmental litigation, and legislation. Environmental issues are related to statutory, administrative, and regulatory authorities.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Graded with Option**AECN 457 Water Law****Crosslisted with:** AECN 857, NREE 457**Prerequisites:** AECN/NREE 357.**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**Grading Option:** Graded with Option**AECN 465 Resource and Environmental Economics II****Crosslisted with:** AECN 865, NREE 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**Grading Option:** Graded with Option**Prerequisite for:** AECN 868**AECN 467 Pro-seminar in International Relations****Crosslisted with:** ECON 466, POLS 466, POLS 866, ECON 866, HIST 479, HIST 879**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**Grading Option:** Graded with Option**AECN 471 Agricultural Marketing and Product Development I****Prerequisites:** Junior standing or permission.**Notes:** AECN 225 recommended.**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**Grading Option:** Graded with Option**Prerequisite for:** AECN 472**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**Grading Option:** Graded

**AECN 474 Cooperatives**

**Prerequisites:** ECON 212 or AECN 141

**Description:** Role of cooperatives in market-oriented economies presented. Topics include cooperative business principles, the economic theory of cooperative pricing decisions, the fundamentals of co-op accounting principles, financing, decision making, and taxation. Focus will be primarily upon traditional agricultural cooperatives; other types of cooperatives will be examined in some detail.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Graded with Option

**Offered:** FALL

**AECN 482 Beef Industry Scholars - National Beef Industry Policy**

**Crosslisted with:** ASCI 482

**Prerequisites:** ASCI 481; ASCI 395A or ASCI 395B or GRAS 490 or AECN 495C

**Notes:** 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

**Grading Option:** Graded

**Offered:** SPRING

**Experiential Learning:** Fieldwork

**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

**Grading Option:** Graded with Option

**Experiential Learning:** Internship/Co-op

**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

**Grading Option:** Graded with Option

**Experiential Learning:** Internship/Co-op

**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

**Grading Option:** Graded with Option

**Prerequisite for:** ASCI 482, AECN 482

**Experiential Learning:** Internship/Co-op

**AECN 495D Internship in Commodity Marketing**

**Prerequisites:** Departmental permission

**Notes:** AECN 235 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

**Grading Option:** Graded with Option

**Experiential Learning:** Internship/Co-op

**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

**Grading Option:** Graded with Option

**Groups:** Ind Study, Special Top, Intern

**Experiential Learning:** Internship/Co-op

**AECN 499H Honors Thesis**

**Prerequisites:** Admission to the University Honors Program and permission, AGRI 299H recommended.

**Description:** Conduct a scholarly research project and write a University Honors Program or undergraduate thesis.

**Credit Hours:** 3-6

**Min credits per semester:** 3

**Max credits per semester:** 6

**Max credits per degree:** 6

**Grading Option:** Graded

## 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 Agrosience/Mycogen Seed - Aurora, NE
- Asst. Field Supervisor, Pioneer - York, NE
- Intern, Sandhills Publishing - Lincoln, NE

## **Graduate & Professional Schools**

- Master's of Agricultural Economics, University of Connecticut - Storrs, CT
- Master's of Agricultural Economics, University of Nebraska-Lincoln - Lincoln, NE
- Ph.D, Food and Resources Economics , University of Florida - Gainesville, FL
- Juris Doctorate, University of Nebraska College of Law - Lincoln, NE
- Ph.D., Agricultural Economics, University of Nebraska-Lincoln - Lincoln, NE