

# Agricultural Economics

## Agricultural Economics Major

Agricultural Economics applies economic principles to the use of private and public resources to provide a safe and affordable food supply, to produce renewable energies, to maintain a sustainable agricultural and natural resources base, and to manage natural and environmental resources for current and future generations.

Students majoring in Agricultural Economics may focus on management, marketing or finance in agriculture, food, and other bio-based systems. This major requires a broad background in the agricultural sciences, with courses from other departments in the College of Agriculture, Food Systems and Natural Resources providing students the scientific basis for applying economic concepts in decision making. Students, with guidance from their academic adviser, have the opportunity to select courses that best fit their career objectives and personal interests. The Agricultural Economics major is ideally suited for students with career interest in production agriculture, farm and natural resource policy analysis, industries providing service to agriculture, rural economic development, and risk management.

Core requirements in the Agricultural Economics major include introductory courses in agricultural management, marketing and finance. Students may choose to take all of the advanced courses in the department, yet flexibility allows building a program based on a student's individual career goals.

## Major Requirements

### Major: Agricultural Economics

Degree Type: B.S.

Minimum Degree Credits to Graduate: 128

### General Education Requirements for Baccalaureate Degree

- A list of approved general education courses is available here (<http://bulletin.ndsu.edu/past-bulletin-archive/2017-18/academic-policies/undergraduate-policies/general-education/#genedcoursestext>).
- General education courses may be used to satisfy requirements for both general education and the major, minor, and program emphases, where applicable. Students should carefully review the major, minor, and program emphases requirements for minimum grade restrictions, should they apply.

Code	Title	Credits
<b>Communication (C)</b>		<b>12</b>
ENGL 110	College Composition I	
ENGL 120	College Composition II	
COMM 110	Fundamentals of Public Speaking	
Upper Division Writing <sup>†</sup>		
<b>Quantitative Reasoning (R) <sup>†</sup></b>		<b>3</b>
<b>Science and Technology (S) <sup>†</sup></b>		<b>10</b>
<b>Humanities and Fine Arts (A) <sup>†</sup></b>		<b>6</b>
<b>Social and Behavioral Sciences (B) <sup>†</sup></b>		<b>6</b>
<b>Wellness (W) <sup>†</sup></b>		<b>2</b>
<b>Cultural Diversity (D) <sup>*†</sup></b>		
<b>Global Perspectives (G) <sup>*†</sup></b>		
Total Credits		<b>39</b>

\* May be satisfied by completing courses in another General Education category.

† May be satisfied with courses required in the major. Review major requirements to determine if a specific upper division writing course is required.

## Major Requirements

Code	Title	Credits
<b>Core Courses for Agricultural Economics</b>		
AGEC 242	Introduction to Agricultural Management	3
AGEC 244	Agricultural Marketing	3
AGEC 246	Introduction to Agricultural Finance	3
AGEC 339	Quantitative Methods & Decision Making	3

AGEC 375 or AGEC 484	Applied Agricultural Law Agricultural Policy	3
Select one of the following:		3
AGEC 342	Farm and Agribusiness Management II	
AGEC 344	Agricultural Price Analysis	
AGEC 346	Applied Risk Analysis	
<b>Agribusiness &amp; Applied Economics Electives: A minimum of 9 credits of 300-400 AGEC or ECON electives</b>		9
<b>Agriculture Science &amp; Technology:</b>		9
Complete nine (9) credits from two (2) areas in the College of AFSNR other than Agribusiness & Applied Economics. (Includes: ASM, ANSC, ABEN, CFS, ENT, MICR, NRM, PPTH, PLSC, RNG, SOIL & VETS.) EXCEPTION - All 9 credits may be in the same area if a student completes a minor from the College of AFSNR.		
<b>Capstone Experience: Select one of the following:</b> <sup>1</sup>		3
AGEC 420	Integrated Farm and Ranch Management	
AGEC 444	Commodity Trading	
AGEC 445	Agribusiness Industrial Strategy	
AGEC 446	Agribusiness Finance	
<b>Support Area:</b>		
ECON 201	Principles of Microeconomics (May satisfy general education category B)	3
ECON 202	Principles of Macroeconomics (May satisfy general education category B)	3
ECON 341	Intermediate Microeconomics	3
ECON 343	Intermediate Macroeconomics	3
Select one of the following:		3-6
ACCT 102	Fundamentals of Accounting	
ACCT 200 & ACCT 201	Elements of Accounting I and Elements of Accounting II	
<b>Additional Requirements for Ag Econ</b>		
AGRI 150	Agriculture Orientation (Students transferring in 24 or more credits do not need to take 150.)	1
AGRI 189	Skills for Academic Success <sup>2</sup>	1
MIS 116	Business Use of Computers	3
Select one communication course from the following:		3
COMM 212	Interpersonal Communication	
COMM 216	Intercultural Communication (Gen Ed B/D)	
COMM 308	Business and Professional Speaking	
COMM 315	Small Group Communication	
COMM 383	Organizational Communication I	
MATH 144	Mathematics for Business (or any higher math)	4
STAT 330	Introductory Statistics (May satisfy general education category R)	3
STAT 331 or ECON 410	Regression Analysis Econometrics	2-3
Total Credits		71-75

<sup>1</sup> Students are advised to consider which capstone course they will take by the end of their second year. This planning allows time to complete the required prerequisites for the capstone prior to the senior year.

<sup>2</sup> AGRI189 is only required for first-time, first-year students—A first-time, first-year student is defined as a student who has not yet completed a college course as a college student. Students that are not first-time, first-year students that either transfer into the university or change their major are not required to take AGRI 189.

## Degree Requirements and Notes

- Students must earn, at least, a 2.00 cumulative GPA that is based on the courses that satisfy major requirements.

## Plan of Study

<b>Freshman</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
AGRI 150 (not req if entering with over 24 cr)	1	ECON 201	3
AGRI 189 (not req if entering with over 24 cr)	1	MATH 144	4
MATH 103 (pre-req for Math 144)	3	ENGL 120	3
ENGL 110 (co-req Engl 100 writing lab)	4	Hum/FA Gen Ed	3
Wellness Gen Ed	2	Ag Sci Elective	3
Sci & Tech Gen Ed	4		
	15		16
<b>Sophomore</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
COMM 110	3	AGEC 244	3
AGEC 242	3	AGEC 246	3
ECON 202	3	ECON 341	3
MIS 116	3	Ag Sci Elective	3
Sci & Tech Gen Ed	2	Hum/FA Gen Ed	3
	14		15
<b>Junior</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
AGEC 339	3	AGEC 344 or 346 (or 342 in Fall)	3
ECON 324 or 343	3	ACCT 201	3
ACCT 102 or 200	3	AGEC 300/400 Elective	3
STAT 330	3	300 Level English	3
Upper Level Comm	3	Ag Sci Elective	3
		STAT 331	2
	15		17
<b>Senior</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
AGEC 375 (or AGECE 484 in Spring)	3	AGEC 300/400 Elective	3
AGEC 300/400 Elective	3	AGEC 420 or 445 (Capstone)	3
AGEC 444 or 446 (Capstone)	3	Free Electives	12
Free Electives	9		
	18		18

Total Credits: 128