

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.

Required Degree Credits to Graduate: 128

General Education Requirements

First Year Experience (F):

AGRI 189	Skills for Academic Success (Students transferring in 24 or more credits do not need to take 189.)	1
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Communication (C):

ENGL 110	College Composition I	3
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ENGL 120	College Composition II	3
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One course in Upper Level Writing. Select from the following:		3
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ENGL 320	Business and Professional Writing	
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ENGL 321	Writing in the Technical Professions	
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ENGL 324	Writing in the Sciences	
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ENGL 358	Writing in the Humanities and Social Sciences	
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ENGL 459	Researching and Writing Grants and Proposal	
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COMM 110	Fundamentals of Public Speaking	3
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Quantitative Reasoning (R):

STAT 330	Introductory Statistics	3
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Science & Technology (S):

CSCI 116	Business Use of Computers	4
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A one-credit lab must be taken as a co-requisite with a general education science/technology course unless the course includes an embedded lab experience equivalent to a one-credit course. Select from current general education list.

Humanities & Fine Arts (A): Select from current general education list		6
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Social & Behavioral Sciences (B):

ECON 201	Principles of Microeconomics	3
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ECON 202	Principles of Macroeconomics	3
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Wellness (W): Select from current general education list		2
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Cultural Diversity (D): Select from current general education list

Global Perspectives (G):		
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ECON 201	Principles of Microeconomics	
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Total Credits		40
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Major Requirements

General Education Requirements		40
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Core Courses for Agricultural Economics

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 AGECE 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	

Agribusiness & Applied Economics Electives: A minimum of 9 credits of 300-400 AGECE or ECON electives 9**Agriculture Science & Technology:** 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.

Capstone Experience: Select one of the following:¹ 3

AGEC 420	Integrated Farm and Ranch Management	
AGEC 444	Commodity Trading	
AGEC 445	Agribusiness Industrial Strategy	
AGEC 446	Agribusiness Finance	

Support Area:

ECON 341	Intermediate Microeconomics	3
ECON 324 or ECON 343	Money and Banking 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	

Additional Requirements for Ag Econ**First Year Experience:**

AGRI 150	Agriculture Orientation (Students transferring in 24 or more credits do not need to take 150.)	1
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Communication Requirement: Select one of 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 Requirement:

MATH 144	Mathematics for Business (or any higher math)	4
STAT 331 or ECON 410	Regression Analysis Econometrics	2-3

Degree Electives: Potential of 30 credits to reach 128 30**Total Credits** 128-132

¹ 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.

Degree Requirements and Notes

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

Freshman			
Fall	Credits	Spring	Credits
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)	3	Hum FA Elective	3
Wellness	2-3	Ag Sci Elective	3
Sci Tech Elective (with co-req lab)	4		
	14-15		16
Sophomore			
Fall	Credits	Spring	Credits
COMM 110	3	AGEC 244	3
AGEC 242	3	AGEC 246	3
ECON 202	3	ECON 341	3
CSCI 116	4	Ag Sci Elective	3
Sci Tech Elective	2	Hum FA elective	3
	15		15
Junior			
Fall	Credits	Spring	Credits
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
Senior			
Fall	Credits	Spring	Credits
AGEC 375 (or AGEC 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: 128-129			