

Agribusiness

Agribusiness Major

The Agribusiness major allows students to focus their understanding of economics on the agribusiness sector. Students interested in careers in agribusiness have several options. Beginning in their sophomore year, students take courses in management, marketing and finance, all concentrating on the unique aspects of food and bio-systems economics. Specialization in upper division courses permits students to further concentrate based on their particular interest:

- **Management:** This option provides students with a broad background, preparing them for general career alternatives in agribusiness.
- **Finance:** This option prepares students for careers in agribusiness finance, agricultural lending, financial institution management, accounting, insurance, and investment.
- **Marketing:** This option prepares students for careers in agricultural marketing, sales, or food product marketing.

In the Agribusiness program, students are exposed to a range of methods useful in agribusiness decision-making. Agribusiness graduates will master problem-solving skills to face challenges likely to be encountered in their professional careers.

Agribusiness students are required to participate in an internship during their studies. Employers continue to place high importance on work-related experience when they evaluate potential employees. Employers are assured that all NDSU Agribusiness graduates have gained this valuable work experience through the required internship.

Collaboration with the College of Business (<http://bulletin.ndsu.edu/past-bulletin-archive/2015-16/undergraduate/colleges/business>) leads to the concurrent satisfaction of one of the minors offered by the College of Business. Students may select business courses for the minor that complement their agribusiness interests.

Agribusiness Minor

The Agribusiness minor exposes students to applications of fundamental business concepts in an agricultural or food systems setting. A minimum of eight credits must be completed at NDSU. The Agribusiness minor is open to all NDSU majors.

Major Requirements

Major: Agribusiness

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 AGRI 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 course 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 (C or better required)	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.		6
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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
Wellness (W): Select from current general education list		2
Cultural Diversity (D): Select from current general education list		
Global Perspectives (G):		
ECON 201	Principles of Microeconomics	3
Total Credits		40

Major Requirements

General Education Requirements		40
Core Courses for Agribusiness:		
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
ECON 341	Intermediate Microeconomics	3
ECON 343	Intermediate Macroeconomics	3
AGEC 344	Agricultural Price Analysis	3
AGEC 346	Applied Risk Analysis	3
AGEC 397	Fe/Coop Ed/Internship	1-3
AGEC 445	Agribusiness Industrial Strategy (capstone)	3
Accounting:		
ACCT 200	Elements of Accounting I	3
ACCT 201	Elements of Accounting II	3
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 within the College of AFSNR.		
Areas of Specialization: Select one of the Areas of Specialization listed below.		6
Additional Requirements for Agribusiness		
First Year Experience:		
AGRI 150	Agriculture Orientation	1
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	Regression Analysis	2-3
or ECON 410	Econometrics	
Minor Requirement		19-24
In addition to the requirements for the major in Agribusiness, students must complete a minor in Accounting (19 cr) or Business Administration (24 cr).		
Degree Requirements: Potential of a minimum of 10 credits to reach 128		10
Total Credits		128-136

Areas of Specialization: Select one

Finance - 6 Credits

AGEC 446	Agribusiness Finance	3
Select one of the following:		3
AGEC 347	Principles of Real Estate	
AGEC 474	Cooperatives	

ECON 324	Money and Banking	
ECON 470	Public Economics	
Total Credits		6

Management - 6 Credits

MGMT 320	Foundations of Management	3
Select one of the following:		3
AGEC 474	Cooperatives	
AGEC 375	Applied Agricultural Law	
AGEC 378	Introduction to Transportation & Logistics	
AGEC 472	Advanced Logistical Analysis	
ECON 472	International Trade	
Total Credits		6

Marketing - 6 Credits

AGEC 444	Commodity Trading	3
Select one of the following:		3
AGEC 350	Agrisales	
AGEC 474	Cooperatives	
AGEC 450 & AGECE 451	National AgriMarketing Association (NAMA) I and National AgriMarketing Association (NAMA) II	
ECON 472	International Trade	
Total Credits		6

Degree Requirements and Notes

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

Minor Requirements**Agribusiness Minor****Minor Requirements**

Required Credits: 16

Code	Title	Credits
Required Courses		
ECON 201	Principles of Microeconomics	3
AGEC 242	Introduction to Agricultural Management	3
AGEC 244	Agricultural Marketing	3
AGEC 246	Introduction to Agricultural Finance	3
Elective Courses: At least 4 additional credits from any 300-400 level course in Agribusiness & Applied Economics.		4
Total Credits		16

- A minimum of 8 credits must be taken at NDSU.
- Students must earn a minimum 2.00 GPA for the minor requirements.

Freshman

Fall	Credits Spring	Credits
AGRI 150 (not req if entering with over 24 cr)	1 ENGL 120	3
AGRI 189 (not req if entering with over 24 cr)	1 ECON 201	3
MATH 103 (pre-req for Math 144)	3 MATH 144	4
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
AGEC 242	3	AGEC 244	3
ECON 202	3	AGEC 246	3
COMM 110	3	ECON 341	3
CSCI 116	4	ACCT 201	3
ACCT 200	3	Hum FA Elective	3
		16	15
Junior			
Fall	Credits	Spring	Credits
AGEC 339	3	AGEC 344	3
ECON 343	3	AGEC 346	3
STAT 330	3	STAT 331	2
300 Level English	3	Sci Tech Elective	2
Minor Electives	3	Ag Sci Elective	3
		Minor Electives	3
		15	16
Senior			
Fall	Credits	Spring	Credits
AGEC 444, 446, or MGMT 320 (req additional 3 cr from select AGECECON courses)	6	AGEC 445	3
Ag Sci Elective	3	Minor Electives or Free Electives	12
Upper Level Comm	3	AGEC 397	3
Minor Electives	6		
		18	18
Total Credits: 128-129			