

Agricultural Economics and Agribusiness (AEAB)

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Department of Agricultural Economics and Agribusiness Website (<http://agribus.uark.edu/>)

The Department of Agricultural Economics and Agribusiness offers a major with three concentrations that lead to a Bachelor of Science in Agriculture degree. The department also offers a minor in Agricultural Business and a minor in International Economic Development. The minor in Agricultural Business can be completed 100% online.

The agricultural business major provides education suited to career opportunities in farm management, agricultural business management, and agricultural marketing in both the domestic and international areas.

Managers of farms and agricultural businesses are continually required to make organizational and operational decisions. The basic skills and knowledge needed for making sound decisions are provided by the agricultural business curriculum. Students may elect to specialize in areas compatible with their personal objectives, depending on the extent of accounting and business orientation desired.

Students educated in agricultural business are in demand for positions in agricultural industries, farm operation, marketing agencies, agricultural service organizations, state and federal agencies, and numerous other positions. For those who go on to graduate school, teaching and research positions are available with land-grant colleges as well as with other institutions. Three concentrations are available to meet career objectives:

1. Agricultural Business Management and Marketing (ABMM)
2. Pre-Law, for students preparing to attend law school (PRLW)
3. Agricultural Economics, which emphasizes quantitative and analytical skills to prepare students for graduate school (AGEC).

Requirements for B.S.A. in Agricultural Business with Agricultural Economics Concentration

Requirements for a Major in Agricultural Business

State minimum core (<http://catalog.uark.edu/undergraduatecatalog/gened/stateminimum/>) and discipline specific general education requirements:

(Course work that meets state minimum core requirements is in bold.)

University Requirements

UNIV 10051	University Perspectives	1
Communications		12
Select English State Minimum Core Courses (6 hours unless exempt)		
SPCH 10003	Public Speaking (ACTS Equivalency = SPCH 1003)	1

Select one of the following:		
ACOM 31403	Communicating Agriculture to the Public	
ACOM 43403	Communication Campaigns in Agriculture	
COMM 23003	Advanced Public Speaking	
COMM 23203	Interpersonal Communication	
COMM 23403	Introduction to Small-Group Communication	
COMM 33803	Persuasion	
CSES 30203	Crop, Soil, and Environmental Sciences Colloquium	
ENGL 20003	Advanced Composition	
ENGL 20133	Essay Writing	
ENGL 30503	Technical and Professional Writing (ACTS Equivalency = ENGL 2023)	
U.S. History or Government		3
Select U.S. History or Government State Minimum Core Course		
Science		8
Select 2 Courses from Science State Minimum Core (8 total hours)		
Fine Arts and Humanities		6-7
Select Fine Arts and Humanities State Minimum Core Courses		
Social Sciences (3 hours)		3
Select one of the following:		
PSYC 20003	General Psychology (ACTS Equivalency = PSYC 1103)	
SOCI 10103	General Sociology (ACTS Equivalency = SOCI 1013)	
HDFS 26003	Rural Families and Communities	
AEAB Requirements		
Agribusiness Prerequisite Core (21 hours)		21
MATH 22003	Survey of Calculus (ACTS Equivalency = MATH 2203) (or higher level calculus)	3
AGEC 24003	Quantitative Tools for Agribusiness	
or MATH 21003	Principles of Statistics (ACTS Equivalency = MATH 2103)	
or BUSI 10303	Data Analysis and Interpretation	
AGEC 11003	Principles of Agricultural Microeconomics	4
or ECON 22203	Principles of Microeconomics (ACTS Equivalency = ECON 2203)	
AGEC 21003	Principles of Agricultural Macroeconomics	4
or ECON 21003	Principles of Macroeconomics (ACTS Equivalency = ECON 2103)	
AGEC 21403	Agribusiness Financial Records	
or ACCT 20103	Accounting Principles	
AGEC 23003	Introduction to Agribusiness	
ASTM 29003	Agricultural and Human Environmental Sciences Applications of Microcomputers	
or ISYS 11203	Business Application Knowledge - Computer Competency	
Agribusiness Core (27 hours)		27
AGEC 33003	Food and Agricultural Marketing	
AGEC 33703	Futures and Options Markets	
AGEC 34003	Farm Business Management	
AGEC 35003	Agricultural Law I	
AGEC 41403	Agricultural Finance	

Choose 12 hours from MATH, STAT, AGECE or courses in WCOB or the Bumpers College.

Concentration Requirements	18
Capstone Experience	1-3
AGEC 4010V Internship in Agribusiness	
AGEC 40401 Agribusiness Capstone	
General Electives	18-20
Total Hours	120

¹ Course is a Departmental Communications requirement.

² For any student majoring in Agricultural Business, the 21 hours of Agribusiness Prerequisite Core courses must be completed before a student can enroll in upper division courses in the following areas: Agribusiness Core, Concentration Requirements, and Capstone Experience.

³ Satisfies 3 hours of State Minimum Core Mathematics.

⁴ Satisfies 3 hours of State Minimum Core Social Sciences.

Additional Requirements for Agricultural Economics Concentration (18 hours):

Complete the following three courses:

MATH 20503	Finite Mathematics (or higher MATH course from the state minimum core, excluding MATH 21803)	3
ECON 30303	Microeconomic Theory	3
ECON 31303	Macroeconomic Theory	3

Choose 9 hours from the following three groups (students must select one course from each group):

Policy Group

AGEC 34103	Principles of Environmental Economics	
AGEC 35203	Environmental and Natural Resources Law	
AGEC 41203	Legal Issues in Animal Agriculture	
AGEC 41603	Agricultural and Rural Development	
AGEC 46003	Food Economics and Health ¹	
AGEC 46103	Political Economy of Agriculture and Food	
AGEC 46203	International Agricultural Trade and Commercial Policy	

Marketing Group

AGEC 33103	Agribusiness Sales	
AGEC 41103	Agricultural Prices and Forecasting	
AGEC 43003	Agribusiness Marketing Management	
AGEC 43703	Basis Trading: Applied Price Risk Management	
AGEC 43803	Basis Trading: Case Study	
AGEC 46003	Food Economics and Health ¹	

Management Group

AGEC 42403	Agribusiness Strategy	
AGEC 43103	Agricultural Business Management	
AGEC 43203	AgriBusiness Entrepreneurship	
AGEC 44003	Advanced Farm Business Management	

Total Hours **18**

The approved list of courses, check sheet, and degree program for all concentrations is available in the Agricultural Economics and Agribusiness departmental office.

¹AGEC 46003 may only be used in one group (no duplicates)

Agricultural Business B.S.A. with Agricultural Economics Concentration Eight-Semester Degree Program

Students wishing to follow the degree plan in Agricultural Economics and Agribusiness should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy/>) in the Academic Regulations chapter for university requirements of the program. The Agricultural Economics and Agribusiness major has three concentrations: Agricultural Business Management and Marketing, Pre-Law, and Agricultural Economics.

First Year	Units	
	Fall	Spring
ENGL 10103 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3	
MATH 22003 Survey of Calculus (ACTS Equivalency = MATH 2203) (Satisfies General Education Outcome 2.1) ¹	3	
HIST 20003 History of the American People to 1877 (ACTS Equivalency = HIST 2113) (Satisfies General Education Outcome 4.2) or HIST 20103 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) or PLSC 20003 American National Government (ACTS Equivalency = PLSC 2003)	3	
AGEC 11003 Principles of Agricultural Microeconomics (Satisfies General Education Outcome 3.3) or ECON 22003 Principles of Microeconomics (ACTS Equivalency = ECON 2203)	3	
UNIV 10051 University Perspectives	1	
ASTM 29003 Agricultural and Human Environmental Sciences Applications of Microcomputers or ISYS 11203 Business Application Knowledge - Computer Competency	3	
ENGL 10203 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)		3
SPCH 10003 Public Speaking (ACTS Equivalency = SPCH 1003) (Satisfies General Education Outcomes 1.2 and 5.1) Satisfies General Education Outcome 3.3:		3
AGEC 21003 Principles of Agricultural Macroeconomics (Satisfies General Education Outcome 3.3) or ECON 21003 Principles of Macroeconomics (ACTS Equivalency = ECON 2103)		3
AGEC 23003 Introduction to Agribusiness (Satisfies General Education Outcome 4.1)		3
AGEC 21403 Agribusiness Financial Records or ACCT 20103 Accounting Principles		3
Year Total:	16	15

Second Year	Units	
	Fall	Spring
AGEC 24003 Quantitative Tools for Agribusiness or MATH 21003 Principles of Statistics (ACTS Equivalency = MATH 2103) or BUSI 10303 Data Analysis and Interpretation	3	
MATH 20503 Finite Mathematics	3	
Fine Arts or Humanities University Core Elective (Satisfies General Education Outcome 3.1 or 3.2) ^{2,3}	3	
General Electives ⁴	3	
Science University Core Elective (Satisfies General Education Outcome 3.4)	4	
Social Sciences University Core from (Satisfies General Education Outcome 3.3): PSYC 20003 General Psychology (ACTS Equivalency = PSYC 1103) (Satisfies General Education Outcome 3.3) or HDFS 26003 Rural Families and Communities or SOCI 10103 General Sociology (ACTS Equivalency = SOCI 1013)		3
Science University Core Elective (Satisfies General Education Outcome 3.4)		4
AGEC 33003 Food and Agricultural Marketing		3
General Electives ⁴		2
AGEC Concentration Elective		3
Year Total:	16	15

Third Year	Units	
	Fall	Spring
AGEC 34003 Farm Business Management	3	
AGEC 33703 Futures and Options Markets	3	
AGEC 35003 Agricultural Law I	3	
ECON 30303 Microeconomic Theory	3	
Communication Intensive Elective	3	
Fine Arts or Humanities University Core Elective (Satisfies General Education Outcome 3.1 or 3.2) ^{2,3}		3
ECON 31303 Macroeconomic Theory		3
Agribusiness Core Directed Electives		3
General Electives ⁴		6
Year Total:	15	15

Fourth Year	Units	
	Fall	Spring
AGEC 41403 Agricultural Finance	3	
AGEC Concentration Elective	3	
Agribusiness Core Directed Electives	6	
General Elective ⁴	3	
AGEC Concentration Elective		3
Agribusiness Core Directed Electives		3
Capstone Experience (Satisfies General Education Outcome 6.1)		1-3

AGEC 4010V Internship in Agribusiness (Satisfies General Education Outcome 6.1) or AGECE 40401 Agribusiness Capstone		
General Electives ⁴		6
Year Total:	15	13

Total Units in Sequence: 120

- Students have demonstrated successful completion of the learning indicators identified for learning outcome 2.1, by meeting the prerequisites for MATH 11003 or MATH 11103.
- The Fine Arts Elective courses which satisfy General Education Outcome 3.1 include: ARCH 10003, ARHS 10003, COMM 10003, DANC 10003, LARC 10003, MUSC 10003, MUSC 100H3, MUSC 10103, MUSC 101H3, MUSC 13303, THTR 10003, THTR 10103, or THTR 101H3.
- The Humanities Elective courses which satisfy General Education Outcome 3.2 include: AAST 20203, ANTH 10303, ARCH 10103, CLST 10003, CLST 100H3, CLST 10103, COMM 12303, DANC 10003, ENGL 11103, ENGL 11203, ENGL 12103, ENGL 20103, GNST 20003, HIST 11193, HIST 111H3, HIST 11293, HIST 112H3, HIST 20003, HIST 20103, HUMN 112H4, HUMN 22103, LALS 20103, MRST 20103, MUSY 20003, MUSY 200H3, PHIL 20003, PHIL 200H3, PHIL 21003, PHIL 23003, THTR 10003, THTR 10103, THTR 101H3, or Intermediate-level world language.
- Students must complete 40 hours of upper division courses (3000-4000 level). It is recommended that students consult with their academic adviser when making course selections.

Requirements for B.S.A. in Agricultural Business with Management and Marketing Concentration

Requirements for a Major in Agricultural Business

State minimum core (<http://catalog.uark.edu/undergraduatecatalog/gened/stateminimum/>) and discipline specific general education requirements:

(Course work that meets state minimum core requirements is in bold.)

University Requirements

UNIV 10051	University Perspectives	1
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Communications 12

Select English State Minimum Core Courses (6 hours unless exempt)		
SPCH 10003	Public Speaking (ACTS Equivalency = SPCH 1003) ¹	

Select one of the following:		
ACOM 31403	Communicating Agriculture to the Public	
ACOM 43403	Communication Campaigns in Agriculture	
COMM 23003	Advanced Public Speaking	
COMM 23203	Interpersonal Communication	
COMM 23403	Introduction to Small-Group Communication	
COMM 33803	Persuasion	
CSES 30203	Crop, Soil, and Environmental Sciences Colloquium	
ENGL 20003	Advanced Composition	
ENGL 20133	Essay Writing	

ENGL 30503	Technical and Professional Writing (ACTS Equivalency = ENGL 2023)	
U.S. History or Government		3
Select U.S. History or Government State Minimum Core Course		
Science		8
Select 2 Courses from Science State Minimum Core (8 total hours)		
Fine Arts and Humanities		6-7
Select Fine Arts and Humanities State Minimum Core Courses		
Social Sciences (3 hours)		3
Select one of the following:		
PSYC 20003	General Psychology (ACTS Equivalency = PSYC 1103)	
SOCI 10103	General Sociology (ACTS Equivalency = SOCI 1013)	
HDFS 26003	Rural Families and Communities	
AEAB Requirements		
Agribusiness Prerequisite Core (21 hours) ²		21
MATH 22003	Survey of Calculus (ACTS Equivalency = MATH 2203) (or higher level calculus) ³	
AGEC 24003	Quantitative Tools for Agribusiness	
	or MATH 21003 Principles of Statistics (ACTS Equivalency = MATH 2103)	
	or BUSI 10303 Data Analysis and Interpretation	
AGEC 11003	Principles of Agricultural Microeconomics ⁴	
	or ECON 22 Principles of Microeconomics (ACTS Equivalency = ECON 2203)	
AGEC 21003	Principles of Agricultural Macroeconomics ⁴	
	or ECON 21003 Principles of Macroeconomics (ACTS Equivalency = ECON 2103)	
AGEC 21403	Agribusiness Financial Records	
	or ACCT 201 Accounting Principles	
AGEC 23003	Introduction to Agribusiness	
ASTM 29003	Agricultural and Human Environmental Sciences Applications of Microcomputers	
	or ISYS 112 Business Application Knowledge - Computer Competency	
Agribusiness Core (27 hours)		27
AGEC 33003	Food and Agricultural Marketing	
AGEC 33703	Futures and Options Markets	
AGEC 34003	Farm Business Management	
AGEC 35003	Agricultural Law I	
AGEC 41403	Agricultural Finance	
Choose 12 hours from MATH, STAT, AGEC or courses in WCOB or the Bumpers College.		
Concentration Requirements		18
Capstone Experience		1-3
AGEC 4010V	Internship in Agribusiness	
AGEC 40401	Agribusiness Capstone	
General Electives		18-20
Total Hours		120

¹ Course is a Departmental Communications requirement.

² For any student majoring in Agricultural Business, the 21 hours of Agribusiness Prerequisite Core courses must be completed

before a student can enroll in upper division courses in the following areas: Agribusiness Core, Concentration Requirements, and Capstone Experience.

³ Satisfies 3 hours of State Minimum Core Mathematics.

⁴ Satisfies 3 hours of State Minimum Core Social Sciences.

Additional Requirements for Agribusiness Management and Marketing Concentration

Select 18 hours from the following three groups (students must select a minimum of one course from each group):

Policy Group		
AGEC 34103	Principles of Environmental Economics	
AGEC 35203	Environmental and Natural Resources Law	
AGEC 41203	Legal Issues in Animal Agriculture	
AGEC 41603	Agricultural and Rural Development	
AGEC 46103	Political Economy of Agriculture and Food	
AGEC 46203	International Agricultural Trade and Commercial Policy	
AGEC 46003	Food Economics and Health	¹
Marketing Group		
AGEC 33103	Agribusiness Sales	
AGEC 41103	Agricultural Prices and Forecasting	
AGEC 43003	Agribusiness Marketing Management	
AGEC 43703	Basis Trading: Applied Price Risk Management	
AGEC 43803	Basis Trading: Case Study	
AGEC 46003	Food Economics and Health	¹
Management Group		
AGEC 42403	Agribusiness Strategy	
AGEC 43103	Agricultural Business Management	
AGEC 43203	AgriBusiness Entrepreneurship	
AGEC 44003	Advanced Farm Business Management	

Total Hours **18**

¹ AGEC 46003 may only be used in one group (no duplicates).

Agricultural Business B.S.A. with Management and Marketing Concentration

Eight-Semester Degree Program

Students wishing to follow the degree plan in Agricultural Economics and Agribusiness should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy/>) in the Academic Regulations chapter for university requirements of the program. The Agricultural Economics and Agribusiness major has three concentrations: Agricultural Business Management and Marketing, Pre-Law, and Agricultural Economics.

First Year	Units	
	Fall	Spring
ENGL 10103 Composition I (ACTS Equivalency = ENGL 1013) (Unless Exempt) (Satisfies General Education Outcome 1.1)	3	

MATH 22003 Survey of Calculus (ACTS Equivalency = MATH 2203) ((or higher level calculus from the State Minimum Core) (Satisfies General Education Outcome 2.1) ¹	3	
U.S. History or Government State Minimum Core from (Satisfies General Education Outcome 4.2):	3	
HIST 20003 History of the American People to 1877 (ACTS Equivalency = HIST 2113)		
HIST 20103 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123)		
PLSC 20003 American National Government (ACTS Equivalency = PLSC 2003)		
Satisfies General Education Outcome 3.3:		
AGEC 11003 Principles of Agricultural Microeconomics or ECON 22003 Principles of Microeconomics (ACTS Equivalency = ECON 2203)	3	
General Elective	3	
UNIV 10051 University Perspectives	1	
ENGL 10203 Composition II (ACTS Equivalency = ENGL 1023) (Unless Exempt (Satisfies General Education Outcome 1.1)	3	
SPCH 10003 Public Speaking (ACTS Equivalency = SPCH 1003) (Satisfies General Education Outcomes 1.2 and 5.1)	3	
AGEC 21003 Principles of Agricultural Macroeconomics (Satisfies General Education Outcome 3.3) or ECON 21003 Principles of Macroeconomics (ACTS Equivalency = ECON 2103)	3	
AGEC 23003 Introduction to Agribusiness (Satisfies General Education Outcome 4.1)	3	
ASTM 29003 Agricultural and Human Environmental Sciences Applications of Microcomputers or ISYS 11203 Business Application Knowledge - Computer Competency	3	
Year Total:	16	15

Second Year	Units	
	Fall	Spring
Select one from:	3	
AGEC 24003 Quantitative Tools for Agribusiness		
MATH 21003 Principles of Statistics (ACTS Equivalency = MATH 2103)		
BUSI 10303 Data Analysis and Interpretation		
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2) ^{2,3}	3	
Science State Minimum Core Elective (Satisfies General Education Outcome 3.4)	4	
AGEC 21403 Agribusiness Financial Records or ACCT 20103 Accounting Principles	3	
General Elective ⁴	3	

Select one of the following (Satisfies General Education Outcome 3.3):	3
HDFS 26003 Rural Families and Communities	
PSYC 20003 General Psychology (ACTS Equivalency = PSYC 1103)	
SOC1 10103 General Sociology (ACTS Equivalency = SOCI 1013)	
Science State Minimum Core Elective (Satisfies General Education Outcome 3.4)	4
AGEC 33003 Food and Agricultural Marketing	3
Communication Intensive Elective	3
General Elective ⁴	2
Year Total:	16

Third Year	Units	
	Fall	Spring
AGEC 33703 Futures and Options Markets	3	
AGEC 34003 Farm Business Management	3	
AGEC 35003 Agricultural Law I	3	
General Elective ⁴	6	
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2) ^{2,3}		3
ABMM Concentration Electives		6
Agribusiness Core Directed Electives		3
General Elective ⁴		3
Year Total:	15	15

Fourth Year	Units	
	Fall	Spring
AGEC 41403 Agricultural Finance	3	
ABMM Concentration Electives	6	
Agribusiness Core Directed Electives	3	
General Elective ⁴	3	
ABMM Concentration Elective		6
Agribusiness Core Directed Electives		6
Capstone Experience (Satisfies General Education Outcome 6.1)		1-3
Year Total:	15	13

Total Units in Sequence: 120

¹ Students have demonstrated successful completion of the learning indicators identified for learning outcome 2.1, by meeting the prerequisites for MATH 11003 or MATH 11103.
² The Fine Arts Elective courses which satisfy General Education Outcome 3.1 include: ARCH 10003, ARHS 10003, COMM 10003, DANC 10003, LARC 10003, MUSC 10003, MUSC 100H3, MUSC 10103, MUSC 101H3, MUSC 13303, THTR 10003, THTR 10103, or THTR 101H3.
³ The Humanities Elective courses which satisfy General Education Outcome 3.2 include: AAST 20203, ANTH 10303, ARCH 10103, CLST 10003, CLST 100H3, CLST 10103, COMM 12303, DANC 10003, ENGL 12103, ENGL 20103, GNST 20003, HIST 11193, HIST 111H3, HIST 11293, HIST 112H3, HIST 20003, HIST 20103, HUMN 112H4, HUMN 22103, LALS 20103, MRST 20103, MUSY 20003,

MUSY 200H3, PHIL 20003, PHIL 200H3, PHIL 21003, PHIL 23003, THTR 10003, THTR 10103, THTR 101H3, ENGL 11103, ENGL 11203, or intermediate-level world language (usually 2003-level).

⁴ Students must complete 40 hours of upper division courses (3000-4000 level). It is recommended that students consult with their academic adviser when making course selections.

Requirements for B.S.A. in Agricultural Business with Pre-Law Concentration

Requirements for a Major in Agricultural Business

State minimum core (<http://catalog.uark.edu/undergraduatecatalog/gened/stateminimum/>) and discipline specific general education requirements:

(Course work that meets state minimum core requirements is in bold.)

University Requirements

UNIV 10051 University Perspectives 1

Communications 12

Select English State Minimum Core Courses (6 hours unless exempt)

SPCH 10003 Public Speaking (ACTS Equivalency = SPCH 1003) ¹

Select one of the following:

ACOM 31403 Communicating Agriculture to the Public

ACOM 43403 Communication Campaigns in Agriculture

COMM 23003 Advanced Public Speaking

COMM 23203 Interpersonal Communication

COMM 23403 Introduction to Small-Group Communication

COMM 33803 Persuasion

CSES 30203 Crop, Soil, and Environmental Sciences Colloquium

ENGL 20003 Advanced Composition

ENGL 20133 Essay Writing

ENGL 30503 Technical and Professional Writing (ACTS Equivalency = ENGL 2023)

U.S. History or Government 3

Select U.S. History or Government State Minimum Core Course

Science 8

Select 2 Courses from Science State Minimum Core (8 total hours)

Fine Arts and Humanities 6-7

Select Fine Arts and Humanities State Minimum Core Courses

Social Sciences (3 hours) 3

Select one of the following:

PSYC 20003 General Psychology (ACTS Equivalency = PSYC 1103)

SOCI 10103 General Sociology (ACTS Equivalency = SOCI 1013)

HDFS 26003 Rural Families and Communities

AEAB Requirements

Agribusiness Prerequisite Core (21 hours) ² 21

MATH 22003 Survey of Calculus (ACTS Equivalency = MATH 2203) (or higher level calculus) ³

AGEC 24003 Quantitative Tools for Agribusiness
or MATH 21003 Principles of Statistics (ACTS Equivalency = MATH 2103)

or BUSI 10303 Data Analysis and Interpretation

AGEC 11003 Principles of Agricultural Microeconomics ⁴
or **ECON 22 Principles of Microeconomics (ACTS Equivalency = ECON 2203)**

AGEC 21003 Principles of Agricultural Macroeconomics ⁴
or **ECON 21003 Principles of Macroeconomics (ACTS Equivalency = ECON 2103)**

AGEC 21403 Agribusiness Financial Records

or ACCT 201 Accounting Principles

AGEC 23003 Introduction to Agribusiness

ASTM 29003 Agricultural and Human Environmental Sciences Applications of Microcomputers

or ISYS 112 Business Application Knowledge - Computer Competency

Agribusiness Core (27 hours) 27

AGEC 33003 Food and Agricultural Marketing

AGEC 33703 Futures and Options Markets

AGEC 34003 Farm Business Management

AGEC 35003 Agricultural Law I

AGEC 41403 Agricultural Finance

Choose 12 hours from MATH, STAT, AGEC or courses in WCOB or the Bumpers College.

Concentration Requirements 18

Capstone Experience 1-3

AGEC 4010V Internship in Agribusiness

AGEC 40401 Agribusiness Capstone

General Electives 18-20

Total Hours 120

¹ Course is a Departmental Communications requirement.

² For any student majoring in Agricultural Business, the 21 hours of Agribusiness Prerequisite Core courses must be completed before a student can enroll in upper division courses in the following areas: Agribusiness Core, Concentration Requirements, and Capstone Experience.

³ Satisfies 3 hours of State Minimum Core Mathematics.

⁴ Satisfies 3 hours of State Minimum Core Social Sciences.

Additional Requirements for Pre-Law Concentration

AGEC 35203 Environmental and Natural Resources Law 3
or AGEC 41203 Legal Issues in Animal Agriculture

Select 15 hours from at least two of the following areas: 15

Area 1

BLAW 20003 The Legal Environment of Business (ACTS Equivalency = BLAW 2003)

BLAW 30303 Commercial Law

Area 2

COMM 23003 Advanced Public Speaking

COMM 33803 Persuasion

COMM 34403 Introduction to Rhetorical Theory

COMM 41103 Legal Communication

Area 3

PHIL 20003	Introduction to Philosophy (ACTS Equivalency = PHIL 1103)
PHIL 21003	Introduction to Ethics (ACTS Equivalency = PHIL 1003)
PHIL 22003	Logic (ACTS Equivalency = PHIL 1003)
PHIL 31003	Ethics and the Professions
PHIL 41403	Philosophy of Law
Area 4	
PLSC 31003	Public Administration
PLSC 41503	Public Policy
PLSC 32403	The Judicial Process
PLSC 41903	Administrative Law
PLSC 42503	The U.S. Constitution I
PLSC 42603	The U.S. Constitution II
Area 5	
AGEC (any upper level) ¹	
Total Hours	18

¹ AGECE courses in the Policy Group are strongly recommended. Policy Group courses include: AGECE 34103, AGECE 35203, AGECE 41203, AGECE 41603, AGECE 46003, AGECE 46103, and AGECE 46203.

3/3 Program – Agriculture

Exceptional students in the pre-law concentration in the Dale Bumpers College of Agricultural, Food and Life Sciences may enroll in the School of Law in their fourth year provided that all requirements have been met. Students must have:

- Completed all university, college, and major course requirements for the pre-law concentration;
- Completed 12 hours in the specialization list for pre-law;
- Earned a cumulative GPA of at least 3.50 without grade renewal; and
- Received an LSAT score of at least 159.

A student admitted to this program may substitute School of Law course work for the remaining total hours required for the bachelor's degree in agricultural business.

It is a requirement of the School of Law's accrediting standards that no student be admitted to the School of Law until they have completed at least three-fourths of the work necessary for the baccalaureate degree. The requirements embodied in the 3/3 programs satisfy this requirement.

Agricultural Business B.S.A. with Pre-Law Concentration

Eight-Semester Degree Program

Students wishing to follow the degree plan in Agricultural Economics and Agribusiness should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy/>) in the Academic Regulations chapter for university requirements of the program. The Agricultural Economics and Agribusiness major has three concentrations: Agricultural Business Management and Marketing, Pre-Law, and Agricultural Economics.

First Year	Units	
	Fall	Spring
ENGL 10103 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3	
MATH 22203 Survey of Mathematical Structures II (or higher level calculus course from the State Minimum Core excluding MATH 21803 (Satisfies General Education Outcome 2.1) ¹)	3	
U.S. History or Government State Minimum Core from (Satisfies General Education Outcome 4.2): HIST 20003 History of the American People to 1877 (ACTS Equivalency = HIST 2113) HIST 20103 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) PLSC 20003 American National Government (ACTS Equivalency = PLSC 2003)	3	
Satisfies General Education Outcome 3.3: AGEC 11003 Principles of Agricultural Microeconomics or ECON 22003 Principles of Microeconomics (ACTS Equivalency = ECON 2203)	3	
General Elective	3	
UNIV 10051 University Perspectives	1	
ENGL 10203 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)		3
SPCH 10003 Public Speaking (ACTS Equivalency = SPCH 1003) (Satisfies General Education Outcomes 1.2 and 5.1)		3
Satisfies General Education Outcome 3.3: AGEC 21003 Principles of Agricultural Macroeconomics or ECON 21003 Principles of Macroeconomics (ACTS Equivalency = ECON 2103)		3
AGEC 23003 Introduction to Agribusiness (Satisfies General Education Outcome 4.1)		3
ASTM 29003 Agricultural and Human Environmental Sciences Applications of Microcomputers or ISYS 11203 Business Application Knowledge - Computer Competency		3
Year Total:	16	15

Second Year	Units	
	Fall	Spring
Communication Intensive Elective	3	
Select one from: AGEC 24003 Quantitative Tools for Agribusiness MATH 21003 Principles of Statistics (ACTS Equivalency = MATH 2103)	3	
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2) ^{2, 3}	3	

Science State Minimum Core Elective (Satisfies General Education Outcome 3.4)	4	
AGEC 21403 Agribusiness Financial Records or ACCT 20103 Accounting Principles	3	
Social Sciences State Minimum Core from (Satisfies General Education Outcome 3.3):	3	
PSYC 20003 General Psychology (ACTS Equivalency = PSYC 1103)		
HDFS 26003 Rural Families and Communities		
SOC1 10103 General Sociology (ACTS Equivalency = SOC1 1013)		
Science State Minimum Core Elective (Satisfies General Education Outcome 3.4)	4	
AGEC 33003 Food and Agricultural Marketing	3	
General Electives	6	
Year Total:	16	16

Third Year	Units	
	Fall	Spring
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2). ^{2,3}	3	
AGEC 34003 Farm Business Management	3	
AGEC 33703 Futures and Options Markets	3	
AGEC 35003 Agricultural Law I	3	
General Elective ⁴	3	
AGEC 35203 Environmental and Natural Resources Law or AGECE 41203 Legal Issues in Animal Agriculture		3
Agribusiness Core Directed Electives		3
PRLW Concentration Electives		6
General Elective ⁴		3
Year Total:	15	15

Fourth Year	Units	
	Fall	Spring
AGEC 41403 Agricultural Finance	3	
Agribusiness Core Directed Electives	3	
PRLW Concentration Electives	6	
General Elective ⁴	3	
Agribusiness Core Directed Electives		6
PRLW Concentration Electives		3
Capstone Experience (Satisfies General Education Outcome 6.1)		1-3
General Elective ⁴		2
Year Total:	15	12

Total Units in Sequence: 120

¹ Students have demonstrated successful completion of the learning indicators identified for learning outcome 2.1, by meeting the prerequisites for MATH 11003 or MATH 11103.

² The Fine Arts Elective courses which satisfy General Education Outcome 3.1 include:

ARCH 10003, ARHS 10003, COMM 10003, DANC 10003, LARC 10003, MUSC 10003, MUSC 100H3, MUSC 10103, MUSC 101H3, MUSC 13303, THTR 10003, THTR 10103, or THTR 101H3.

³ The Humanities Elective courses which satisfy General Education Outcome 3.2 include: AAST 20203, ANTH 10303, ARCH 10103, CLST 10003, CLST 100H3, CLST 10103, COMM 12303, DANC 10003, ENGL 12103, ENGL 20103, GNST 20003, HIST 11103, HIST 111H3, HIST 11293, HIST 112H3, HIST 20003, HIST 20103, HUMN 112H4, HUMN 22103, LALS 20103, MRST 20103, MUSY 20003, MUSY 200H3, PHIL 200H3, PHIL 21003, PHIL 23003, THTR 10003, THTR 10103, THTR 101H3, ENGL 11103, ENGL 11203, or intermediate-level world language (usually 2003-level).

⁴ Students must complete 40 hours of upper division courses (3000-4000 level). It is recommended that students consult with their academic adviser when making course selections.

Requirements for B.S.A. in Agricultural Business with Risk Management Concentration

Requirements for a Major in Agricultural Business

State minimum core (<http://catalog.uark.edu/undergraduatecatalog/gened/stateminimum/>) and discipline specific general education requirements:

(Course work that meets state minimum core requirements is in bold.)

University Requirements

UNIV 10051	University Perspectives	1
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Communications 12

Select English State Minimum Core Courses (6 hours unless exempt)

SPCH 10003	Public Speaking (ACTS Equivalency = SPCH 1003) ¹
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Select one of the following:

ACOM 31403	Communicating Agriculture to the Public
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ACOM 43403	Communication Campaigns in Agriculture
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COMM 23003	Advanced Public Speaking
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COMM 23203	Interpersonal Communication
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COMM 23403	Introduction to Small-Group Communication
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COMM 33803	Persuasion
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CSES 30203	Crop, Soil, and Environmental Sciences Colloquium
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ENGL 20003	Advanced Composition
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ENGL 20133	Essay Writing
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ENGL 30503	Technical and Professional Writing (ACTS Equivalency = ENGL 2023)
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U.S. History or Government 3

Select U.S. History or Government State Minimum Core Course

Science 8

Select 2 Courses from Science State Minimum Core (8 total hours)

Fine Arts and Humanities 6-7

Select Fine Arts and Humanities State Minimum Core Courses

Social Sciences (3 hours)	3
Select one of the following:	
PSYC 20003 General Psychology (ACTS Equivalency = PSYC 1103)	
SOCI 10103 General Sociology (ACTS Equivalency = SOCI 1013)	
HDFS 26003 Rural Families and Communities	
AEAB Requirements	
Agribusiness Prerequisite Core (21 hours)²	21
MATH 22003 Survey of Calculus (ACTS Equivalency = MATH 2203) (or higher level calculus)³	
AGEC 24003 Quantitative Tools for Agribusiness or MATH 21003 Principles of Statistics (ACTS Equivalency = MATH 2103) or BUSI 10303 Data Analysis and Interpretation	
AGEC 11003 Principles of Agricultural Microeconomics⁴ or ECON 22203 Principles of Microeconomics (ACTS Equivalency = ECON 2203)	
AGEC 21003 Principles of Agricultural Macroeconomics⁴ or ECON 21003 Principles of Macroeconomics (ACTS Equivalency = ECON 2103)	
AGEC 21403 Agribusiness Financial Records or ACCT 201 Accounting Principles	
AGEC 23003 Introduction to Agribusiness	
ASTM 29003 Agricultural and Human Environmental Sciences Applications of Microcomputers or ISYS 112 Business Application Knowledge - Computer Competency	
Agribusiness Core (27 hours)	27
AGEC 33003 Food and Agricultural Marketing	
AGEC 33703 Futures and Options Markets	
AGEC 34003 Farm Business Management	
AGEC 35003 Agricultural Law I	
AGEC 41403 Agricultural Finance	
Choose 12 hours from MATH, STAT, AGEC or courses in WCOB or the Bumpers College.	
Concentration Requirements	18
Capstone Experience	1-3
AGEC 4010V Internship in Agribusiness	
AGEC 40401 Agribusiness Capstone	
General Electives	18-20
Total Hours	120

¹ Course is a Departmental Communications requirement.
² For any student majoring in Agricultural Business, the 21 hours of Agribusiness Prerequisite Core courses must be completed before a student can enroll in upper division courses in the following areas: Agribusiness Core, Concentration Requirements, and Capstone Experience.
³ Satisfies 3 hours of State Minimum Core Mathematics.
⁴ Satisfies 3 hours of State Minimum Core Social Sciences.

Additional Requirements for Agribusiness Risk Management Concentration

Complete each of the following courses:

AGEC 41103	Agricultural Prices and Forecasting	3
AGEC 43703	Basis Trading: Applied Price Risk Management	3
ECON 30303	Microeconomic Theory	3
FINN 30503	Financial Markets and Institutions	3
FINN 36203	Risk Management	3
FINN 37003	International Finance	3
Total Hours		18

The approved list of courses, check sheet, and degree program for all concentrations is available in the Agricultural Economics and Agribusiness departmental office.

Agricultural Business B.S.A. with Agribusiness Risk Management Concentration Eight-Semester Degree Program

Students wishing to follow the degree plan in Agricultural Economics and Agribusiness should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy/>) in the Academic Regulations chapter for university requirements of the program.

First Year	Units	
	Fall	Spring
ENGL 10103 Composition I (ACTS Equivalency = ENGL 1013) (Unless Exempt) (Satisfies General Education Outcome 1.1)	3	
MATH 22003 Survey of Calculus (ACTS Equivalency = MATH 2203) ((or higher level calculus from the State Minimum Core excluding MATH 21803) (Satisfies General Education Outcome 2.1) ¹	3	
U.S. History or Government State Minimum Core from (Satisfies General Education Outcome 4.2): HIST 20003 History of the American People to 1877 (ACTS Equivalency = HIST 2113) HIST 20103 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) PLSC 20003 American National Government (ACTS Equivalency = PLSC 2003)	3	
Satisfies General Education Outcome 3.3:		
AGEC 11003 Principles of Agricultural Microeconomics or ECON 22003 Principles of Microeconomics (ACTS Equivalency = ECON 2203)	3	
General Elective		3
UNIV 10051 University Perspectives	1	
ENGL 10203 Composition II (ACTS Equivalency = ENGL 1023) (Unless Exempt) (Satisfies General Education Outcome 1.1)		3

SPCH 10003 Public Speaking (ACTS Equivalency = SPCH 1003) (Satisfies General Education Outcomes 1.2 and 5.1) Satisfies General Education Outcome 3.3:	3	
AGEC 11003 Principles of Agricultural Microeconomics or ECON 21003 Principles of Macroeconomics (ACTS Equivalency = ECON 2103)	3	
AGEC 23003 Introduction to Agribusiness (Satisfies General Education Outcome 4.1)	3	
ASTM 29003 Agricultural and Human Environmental Sciences Applications of Microcomputers or ISYS 11203 Business Application Knowledge - Computer Competency	3	
Year Total:	16	15

Second Year		Units	
	Fall	Spring	
Select one from:	3		
AGEC 24003 Quantitative Tools for Agribusiness			
MATH 21003 Principles of Statistics (ACTS Equivalency = MATH 2103)			
BUSI 10303 Data Analysis and Interpretation			
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2) ^{2, 3}	3		
Science State Minimum Core Elective (Satisfies General Education Outcome 3.4)	4		
AGEC 21403 Agribusiness Financial Records or ACCT 20103 Accounting Principles	3		
General Elective ⁴	3		
Select one of the following (Satisfies General Education Outcome 3.3):	3		
HDFS 26003 Rural Families and Communities			
PSYC 20003 General Psychology (ACTS Equivalency = PSYC 1103)			
SOC1 10103 General Sociology (ACTS Equivalency = SOC1 1013)			
Science State Minimum Core Elective (Satisfies General Education Outcome 3.4)	4		
AGEC 33003 Food and Agricultural Marketing	3		
Communication Intensive Elective	3		
General Elective ⁴	2		
Year Total:	16	15	

Third Year		Units	
	Fall	Spring	
AGEC 33703 Futures and Options Markets	3		
AGEC 34003 Farm Business Management	3		
AGEC 35003 Agricultural Law I	3		
General Elective ⁴	6		
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2) ^{2, 3}	3		

ABRM Concentration Electives		6
Agribusiness Core Directed Electives		3
General Elective ⁴		3
Year Total:	15	15

Fourth Year		Units	
	Fall	Spring	
AGEC 41403 Agricultural Finance	3		
ABRM Concentration Electives	6		
Agribusiness Core Directed Electives	3		
General Elective ⁴	3		
ABRM Concentration Elective			6
Agribusiness Core Directed Electives			6
Capstone Experience (Satisfies General Education Outcome 6.1)			1-3
Year Total:	15	13	

Total Units in Sequence: 120

- Students have demonstrated successful completion of the learning indicators identified for learning outcome 2.1, by meeting the prerequisites for MATH 11003 or MATH 11103.
- The Fine Arts Elective courses which satisfy General Education Outcome 3.1 include: ARCH 10003, ARHS 10003, COMM 10003, DANC 10003, LARC 10003, MUSC 10003, MUSC 100H3, MUSC 10103, MUSC 101H3, MUSC 13303, THTR 10003, THTR 10103, or THTR 101H3.
- The Humanities Elective courses which satisfy General Education Outcome 3.2 include: AAST 20203, ANTH 10303, ARCH 10103, CLST 10003, CLST 100H3, CLST 10103, COMM 12303, DANC 10003, ENGL 12103, ENGL 20103, GNST 20003, HIST 11193, HIST 111H3, HIST 11293, HIST 112H3, HIST 20003, HIST 20103, HUMN 112H4, HUMN 22103, LALS 20103, MRST 20103, MUSY 20003, MUSY 200H3, PHIL 20003, PHIL 200H3, PHIL 21003, PHIL 23003, THTR 10003, THTR 10103, THTR 101H3, ENGL 11103, ENGL 11203, or intermediate-level world language (usually 2003-level).
- Students must complete 40 hours of upper division courses (3000-4000 level). It is recommended that students consult with their academic adviser when making course selections.

Minor in Agricultural Business (AGBS-M)

The Agricultural Business Minor will consist of 21 semester hours to include:

Core Requirements (9 hours)¹

AGEC 11003	Principles of Agricultural Microeconomics or ECON 2200:Principles of Microeconomics (ACTS Equivalency = ECON 2203)	3
AGEC 23003	Introduction to Agribusiness or AGECE 21003Principles of Agricultural Macroeconomics or ECON 21003Principles of Macroeconomics (ACTS Equivalency = ECON 2103)	3
ASTM 29003	Agricultural and Human Environmental Sciences Applications of Microcomputers or ISYS 11203 Business Application Knowledge - Computer Competency	3

Select two of the following Core Electives (6 hours): 6

AGEC 21403	Agribusiness Financial Records or ACCT 201 Accounting Principles	
AGEC 24003	Quantitative Tools for Agribusiness or MATH 2100 Principles of Statistics (ACTS Equivalency = MATH 2103) or BUSI 1030 Data Analysis and Interpretation	
AGEC 33003	Food and Agricultural Marketing	
AGEC 33103	Agribusiness Sales	
AGEC 33703	Futures and Options Markets	
AGEC 34003	Farm Business Management	
AGEC 35003	Agricultural Law I	
AGEC 41403	Agricultural Finance	
Select two of the following Controlled Electives (6 hours):		6
Any upper division AGECE course not already used		
POSC 42103	Integrated Poultry Management Systems	
Approved substitutions ²		
Total Hours		21

¹ For any student minoring in Agricultural Business, all 9 hours of Core Requirements must be completed before enrolling in upper division Core Elective or Controlled Elective courses.

² Additional upper-division courses in the Sam M. Walton College of Business may be substituted with approval, provided prerequisites for those courses have been satisfied outside the minor. A minimum of six hours of upper-division AGECE courses without substitution is required for the minor.

A student planning to minor in Agricultural Business should contact the program adviser for consultation and more detailed information.

Minor in International Economic Development (INDV-M)

Course Requirements

Successfully complete four of the following five courses:	12
AGEC 41603	Agricultural and Rural Development
AGEC 46203	International Agricultural Trade and Commercial Policy
ECON 38403	Economics of the Developing World
ECON 38503	Emerging Markets
ECON 46303	International Trade
Take a minimum of 3 hours of pre-approved study abroad experience	3
Total Hours	15

Faculty

Ahrendsen, Bruce L., Ph.D., M.S. (North Carolina State University), B.S. (Iowa State University), Professor, 1990, 2007.

Anderson, John D., Ph.D. (Oklahoma State University), M.S. (Arkansas State University), B.S. (College of the Ozarks), Professor, 2020.

Andrew, Anderson, Ph.D. (Kansas State University), M.S. (Purdue University), B.S. (Brigham Young University-Idaho), Assistant Professor, 2023.

Cochran, Mark J., Ph.D., M.S. (Michigan State University), B.S. (New Mexico State University), Professor, 1982, 1991.

Durand-Morat, Alvaro, Ph.D., M.S. (University of Arkansas), B.S.E. (National University of Entre Rios), Assistant Professor, 2016.

Huang, Quiqiong, Ph.D. (University of California-Davis), B.S. (Remin University of China), Professor, 2013, 2018.

Kemper, Nathan, Ph.D., M.S. (University of Arkansas), B.S. (Missouri State University), Clinical Professor, 2014.

Lawson, Connor, Ph.D., M.E. (North Carolina State University), B.A. (Macalester College), Assistant Professor, 2022.

McKenzie, Andrew Malcolm, Ph.D. (North Carolina State University), M.Sc. (Stirling University), B.Admin. (University of Dundee), Professor, 1998, 2010.

Mitchell, James, Ph.D. (Kansas State University), M.S., B.S. (Oklahoma State University), Extension Assistant Professor, 2020.

Nalley, Lawton Lanier, Ph.D. (Kansas State University), M.S. (Mississippi State University), B.S. (The Ohio State University), Professor, 2008, 2018.

Ogieriakhi, Macson, Ph.D. (Texas A&M University), M.S., B.S. (University of Benin), Teaching Assistant Professor, 2023.

Popp, Jennie Sheerin, Ph.D., M.S. (Colorado State University), B.S. (University of Scranton), Professor, 1998, 2010.

Popp, Michael P., Ph.D. (Colorado State University), M.B.A. (University of Colorado-Boulder), B.Comm. (University of Manitoba), Professor, 1998, 2006.

Rainey, Ronald L., Ph.D., M.S., B.S.A. (University of Arkansas), Professor, 1993, 2012.

Rumley, Rusty W., J.D. (University of Oklahoma), Research Assistant Professor, 2009.

Thomsen, Michael R., Ph.D. (University of Minnesota-Morris), M.S., B.S. (Utah State University), Professor, 1998, 2015.

Watkins, Kenton Bradley, Ph.D. (Oklahoma State University), M.S., B.A. (University of Arkansas), Professor, 2002, 2014.

Courses

AGEC 11003. Principles of Agricultural Microeconomics. 3 Hours.

Introduction to agricultural economics, including a survey of the role and characteristics of agriculture businesses in our economic system. Basic economic concepts concerning price determination, profit maximization, and resource use are emphasized. The use of economic principles as applied to the production and marketing decisions made by managers of agricultural firms is demonstrated. Credit will be allowed for only one of AGECE 11003 or ECON 22003 or ECON 220H3. Pre- or Corequisite: MATH 11003. (Typically offered: Fall, Spring and Summer) This course is cross-listed with ECON 22003.

AGEC 110H3. Honors Principles of Agricultural Microeconomics. 3 Hours.

Introduction to agricultural economics, including a survey of the role and characteristics of agriculture businesses in our economic system. Basic economic concepts concerning price determination, profit maximization, and resource use are emphasized. The use of economic principles as applied to the production and marketing decisions made by managers of agricultural firms is demonstrated. Credit will be allowed for only one of AGECE 11003 or ECON 22003 or ECON 220H3. Pre- or Corequisite: MATH 11003. (Typically offered: Fall and Spring) This course is cross-listed with ECON 22003, AGECE 11003.

AGEC 21003. Principles of Agricultural Macroeconomics. 3 Hours.

Applications of economics principles to problems of agricultural production, distribution, and income; including a study of the interrelationship between agriculture and other segments of the economy; and the dynamic forces in the economy which affect agriculture. Credit will be allowed for only one of AGECE 21003 or AGECE 210H3 or ECON 21003 or ECON 210H3. Pre- or Corequisite: MATH 11003. (Typically offered: Fall, Spring and Summer) This course is cross-listed with ECON 21003.

AGEC 210H3. Honors Principles of Agricultural Macroeconomics. 3 Hours.

Applications of economics principles to problems of agricultural production, distribution, and income; including a study of the interrelationship between agriculture and other segments of the economy; and the dynamic forces in the economy which affect agriculture. Credit will be allowed for only one of AGECE 21003 or AGECE 210H3 or ECON 21003 or ECON 210H3. Pre- or Corequisite: MATH 11003. Prerequisite: Honors standing. (Typically offered: Fall and Spring)

This course is cross-listed with ECON 21003, AGECE 21003.

AGECE 21403. Agribusiness Financial Records. 3 Hours.

Principles of small agricultural business management accounting practices are taught to allow students to gain hands-on experience with financial record keeping for a business. Resulting financial statements are analyzed to determine opportunities for enhancing financial efficiency. Prerequisite: (ASTM 29003 or ISYS 11203) and (AGECE 11003 or ECON 22003 or ECON 21403). (Typically offered: Fall, Spring and Summer)

AGECE 23003. Introduction to Agribusiness. 3 Hours.

Introduction to agribusiness issues as they relate to the food processing, wholesale and retail sectors of the agricultural industry. Coverage of methods and tools agribusiness managers use to evaluate business opportunities. Case studies serve to communicate concepts of product distribution, design, promotion and pricing in the development of a marketing plan. Prerequisite: AGECE 11003 or ECON 22003. (Typically offered: Fall, Spring and Summer)

AGECE 24003. Quantitative Tools for Agribusiness. 3 Hours.

Introduction to quantitative methods used in agricultural economics and agribusiness with an emphasis on skills and techniques that will enhance the ability of students to perform in upper division coursework. Provides an overview of statistical and optimization methods used in research problems, economic theory, and applied decision making activities. Prerequisite: (AGECE 11003 or ECON 22003 or ECON 21403) and MATH 22003 (or higher MATH course from the University Core excluding MATH 21803). (Typically offered: Fall)

AGECE 33003. Food and Agricultural Marketing. 3 Hours.

Surveys consumer trends in food markets and the marketing activities of the food and fiber system. Emphasizes marketing concepts for both commodities and differentiated food products. Topics include applied consumer and price theory; marketing management; structure and performance of the food system; and current agricultural marketing topics. Prerequisite: AGECE 11003 or ECON 22003 or ECON 21403. (Typically offered: Fall, Spring and Summer)

AGECE 33103. Agribusiness Sales. 3 Hours.

Principles of professional sales and sales management techniques used in food and agricultural firms; develop a professional sales presentation; study current agribusiness industry professional sales persons and sales practices and techniques. Prerequisite: AGECE 11003 or AGECE 21003 or ECON 21003 or ECON 22003 or ECON 21403 or equivalent. (Typically offered: Spring)

AGECE 33703. Futures and Options Markets. 3 Hours.

Theory and mechanics of commodity futures and options markets including trading, margin, fees, etc. Price relationships between cash, futures and options. Fundamental and technical price analysis. Price risk management strategies for producers and users of agricultural commodity marketing plan. Speculative and hedging simulation exercises. Prerequisite: AGECE 11003 or ECON 22003. (Typically offered: Fall and Spring)

AGECE 34003. Farm Business Management. 3 Hours.

Application of economic principles for the profitable organization and operation of the farm business. Focuses upon agricultural production management decision-making tools: budgeting techniques (enterprise, partial, cash flow), balance sheet, income statement, cash flow, investment analysis and risk management. Recommended: AGECE 11003 (or ECON 22003), AGECE 21403, and ASTM 29003. (Typically offered: Fall, Spring and Summer)

AGECE 34103. Principles of Environmental Economics. 3 Hours.

An introductory, issues-oriented course in the economics of the environment. The course will focus on what is involved in how society makes decisions about environmental quality. The environmental issues important to the State of Arkansas and the United States will be emphasized. Prerequisite: AGECE 11003 or ECON 22003. (Typically offered: Spring)
This course is cross-listed with ENSC 34103.

AGECE 341H3. Honors Principles of Environmental Economics. 3 Hours.

An introductory, issues-oriented course in the economics of the environment. The course will focus on what is involved in how society makes decisions about environmental quality. The environmental issues important to the State of Arkansas and the United States will be emphasized. Corequisite: Drill component. Prerequisite: AGECE 11003 or ECON 22003. (Typically offered: Spring)
This course is cross-listed with AGECE 34103, ENSC 34103.

AGECE 35003. Agricultural Law I. 3 Hours.

Examination of those areas of law especially applicable to agriculture. Fundamentals of contract law, torts law, and property law will accompany discussion of major areas of agricultural law; acquisition and disposal of farmland; farm tenancies; rights and limitations in the use and ownership of farmland; water law; environmental protection; protection of the productivity of agricultural land; and the law of sales and secured transactions in an agricultural context. (Typically offered: Fall and Spring)

AGECE 35203. Environmental and Natural Resources Law. 3 Hours.

Principles of environmental and natural resources law relevant to agriculture, food and the environmental sciences; legal principles relating to regulation of water, air, hazardous substances, land, wildlife, livestock, and water rights. Principles of civil and criminal liabilities and other developing legal and regulatory issues relating to agriculture and natural resources. (Typically offered: Spring Even Years)

AGECE 4000V. Special Problems. 1-6 Hour.

Special studies and readings conducted under the direct supervision of staff members to satisfy the requirements of individual students. (Typically offered: Fall, Spring and Summer) May be repeated for up to 6 hours of degree credit.

AGECE 4010V. Internship in Agribusiness. 1-6 Hour.

A supervised practical work experience in an agribusiness firm or a governmental or industrial organization having direct impact on agriculture in order to gain professional competence and insight to employment opportunities. Prerequisite: junior standing. (Typically offered: Fall, Spring and Summer) May be repeated for up to 8 hours of degree credit.

AGECE 4020V. Special Topics. 1-3 Hour.

Studies of selected topics in agricultural economics not available in other courses. (Typically offered: Irregular) May be repeated for degree credit.

AGECE 40401. Agribusiness Capstone. 1 Hour.

The purpose of this course is to provide students with an opportunity to apply and integrate knowledge from previous coursework in general education and agribusiness. This course is designed for students to demonstrate mastery of a number of subjects within the agribusiness discipline. Students will provide evidence of integrated knowledge through a variety of means including oral presentations, creation of a 1250-word reflective essay, and applying problem solving and critical thinking skills. Prerequisite: Senior standing. (Typically offered: Fall and Spring)

AGECE 41103. Agricultural Prices and Forecasting. 3 Hours.

Price theory and techniques for predicting price behavior of general economy and price behavior of individual agricultural products will be analyzed. Provides practice in the application of economics and statistics to agricultural price analysis. Prerequisite: ((AGECE 11003 or ECON 22003) and (AGECE 24003 or MATH 21003 or BUSI 10303) and (MATH 22003 or higher, excluding MATH 21803)). (Typically offered: Spring)

AGEC 41203. Legal Issues in Animal Agriculture. 3 Hours.

An issues-oriented course focusing on the legal issues involved in the production of poultry, swine and livestock. Emphasis will center on the laws, regulations and policy arguments involved in animal confinement, antibiotic use, humane slaughter and veterinary medicine, along with other related issues. The wide range of regulation from local to state to federal, depending on the issue will be studied and discussed. (Typically offered: Spring Odd Years)

This course is cross-listed with ANSC 41203, POSC 41203.

AGEC 41403. Agricultural Finance. 3 Hours.

Methods and procedures whereby agricultural firms acquire and utilize funds required for their successful operation. Emphasis is placed upon role of finance and financial planning and consideration is given to an understanding of financial firms serving agriculture. Prerequisite: (AGEC 11003 or ECON 22003) and (AGEC 21003 or ECON 21003) and (AGEC 21403 or ACCT 20103). (Typically offered: Fall and Spring)

AGEC 41603. Agricultural and Rural Development. 3 Hours.

Examination of agricultural and rural development issues in less developed countries. Alternative agricultural production systems are compared, development theories examined, and consideration given to the planning and implementation of development programs. Prerequisite: AGEC 11003 (or ECON 22003). (Typically offered: Spring)

AGEC 416H3. Honors Agricultural and Rural Development. 3 Hours.

Examination of agricultural and rural development issues in less developed countries. Alternative agricultural production systems are compared, development theories examined, and consideration given to the planning and implementation of development programs. Prerequisite: AGEC 11003 (or ECON 22003) and honors standing. (Typically offered: Fall)

This course is equivalent to AGEC 41603.

AGEC 42403. Agribusiness Strategy. 3 Hours.

Addresses problems of strategy formulation in agribusiness emphasizing current problems and cases in agriculture. Surveys modern and classic perspectives on strategy with applications to agribusiness. Examines the development of firm level strategies within the structure and competitive environment of agricultural firms and industries. Prerequisite: MATH 22003 and (AGEC 11003 or ECON 22003 or ECON 21403) and (AGEC 34003 or AGEC 21403 or ACCT 20103). (Typically offered: Irregular)

AGEC 43003. Agribusiness Marketing Management. 3 Hours.

Marketing concepts will be developed and applied to the global food and fiber system. The course will use both commodity and product marketing principles and economic theory to analyze varied marketing situations. Case studies will be used to demonstrate the role that demand analysis and consumer behavior play in market management. Prerequisite: AGEC 23003 and AGEC 33003. (Typically offered: Spring and Summer)

AGEC 43103. Agricultural Business Management. 3 Hours.

The planning, organizing, leading and controlling functions of management as they relate to agricultural business firms. Marketing of value-added products, budgeting, organizational structure, cost control, financial statements, capital budgeting and employee supervision and motivation. Case studies are used to teach communication and decision-making skills. Senior standing recommended. Prerequisite: (AGEC 21403 or ACCT 20103) and AGEC 23003. (Typically offered: Fall)

AGEC 43203. AgriBusiness Entrepreneurship. 3 Hours.

Agribusiness entrepreneurship is the process of bringing food or rural-based products and services from conceptualization to market. The course presents the opportunities, problems and constraints facing individuals and firms operating in rural or isolated markets while emphasizing the steps in conceptualization, development, marketing, and delivery-selling of agribusiness rural products. Prerequisite: AGEC 11003 or equivalent. (Typically offered: Spring)

AGEC 43703. Basis Trading: Applied Price Risk Management. 3 Hours.

This course provides students an opportunity to gain a detailed working knowledge of how basis trading concepts and practices are applied to agricultural markets and to develop a skill set that can be put immediately into practice in any basis trading operation. Prerequisite: AGEC 33703 or consent of instructor. (Typically offered: Spring and Summer)

AGEC 43803. Basis Trading: Case Study. 3 Hours.

This course provides an opportunity to apply principles learned in AGEC 43703 to grain merchandising using the case study approach. The course will involve in-class meetings supplemented with faculty-directed group-based learning experiences involving professional grain merchandisers. Group activities will follow the traditional case study method. Prerequisite: AGEC 43703. (Typically offered: Fall)

AGEC 44003. Advanced Farm Business Management. 3 Hours.

Principles and procedures of decision making as applied to the allocation of resources in the farm business for profit maximization. Emphasis is placed on use of principles of economics and their application to the decision making process. Includes exercises on the application of principles to specific farm management problems. Senior standing recommended. Prerequisite: AGEC 34003 and (ASTM 29003 or equivalent) and (AGEC 21403 or ACCT 20103). (Typically offered: Fall)

AGEC 440H3. Honors Advanced Farm Business Management. 3 Hours.

Principles and procedures of decision making as applied to the allocation of resources in the farm business for profit maximization. Emphasis is placed on use of principles of economics and their application to the decision making process. Includes exercises on the application of principles to specific farm management problems. Senior standing recommended. Prerequisite: AGEC 34003, (ASTM 29003 or equivalent), (AGEC 21403 or ACCT 20103) and honors standing. (Typically offered: Fall)

This course is equivalent to AGEC 44003.

AGEC 46003. Food Economics and Health. 3 Hours.

This course provides an advanced overview of selected topics in food economics, food and nutrition policy and the interface between nutrition programs and health policy. Students will develop an understanding of economic and policy concepts of food, nutrition, and health. The course emphasizes analytical tools that can be applied to study issues in food, nutrition, and health facing the US and world populations. Prerequisite: (AGEC 11003 or ECON 22003) and (AGEC 24003 or BUSI 10303 or MATH 21003 or MATH 22003 or MATH 30803 or MATH 30103). (Typically offered: Irregular)

AGEC 46103. Political Economy of Agriculture and Food. 3 Hours.

Agricultural and food policies are studied from domestic and international perspectives. Laws, regulations, decisions and actions by governments and other institutions are examined in terms of rationale, content, and consequences. Economic and political frameworks are used to assess policies in terms competitive structure, operation, and performance of farming and food systems. Prerequisite: (AGEC 11003 or ECON 22003) and (AGEC 21003 or ECON 21003) and (PSYC 20003 or SOCI 10103 or HDFS 26003). (Typically offered: Fall)

AGEC 46203. International Agricultural Trade and Commercial Policy. 3 Hours.

Analysis of agricultural market competition and performance in a global economy. The impact of domestic and international agricultural policies on domestic and international markets and welfare. Economic principles applied to the interaction of economic events in the world food economy. Prerequisite: (AGEC 11003 or ECON 22003) and (AGEC 21003 or ECON 21003). (Typically offered: Fall)