AGRIBUSINESS MAJOR WITH AGRIBUSINESS MANAGEMENT OPTION

Program Curriculum

Code	Title	Credits
Degree Core Requirements		
AAEC 2434	Foundations of Agribusiness [1]	3
AAEC 3454	Small Business Management and Entrepreneurship [1]	3
AAEC 3504	Marketing Agricultural Products [1]	3
AAEC 3604	Agricultural Law	3
AAEC 4424	Ag Financial Management [1]	3
AAEC 3024	Monetary and Global Issues in Applied Economics [1]	3
ACIS 2115	Principles of Accounting	3
Subtotal		21
Major Requirements		
ALS 1234	CALS First Year Seminar	1
AAEC 3014	Analytical Methods in Applied Economics [1]	3
or BIT 2406	Introduction to Business Statistics, Analytics, and Modeling	
or STAT 3006	Statistical Methods	
or STAT 3616	Biological Statistics	
AAEC 3424	Value-Based Management in Agribusiness [1]	3
or FIN 3104	Introduction to Finance	
or ACIS 2116	Principles of Accounting	
ENGL 3774	Business Writing [1]	3
or ENGL 3764	Technical Writing	
or ENGL 3754	Advanced Writing and Research	
or ALCE 3624	Communicating Ag and Life Sciences in Writing	
Subtotal		10
Option Required Courses		
Major Option Core Courses		
AAEC 3004	Agricultural Production and Consumption Economics [1]	3
AAEC 3015	Internship in Agricultural and Applied Economics	1
AAEC 4514	Advanced Agribusiness Marketing [1]	3
Select one of the following [2]		3
AAEC 4504	Agricultural Price and Market Analysis [1]	
AAEC 4804	Elementary Econometrics [1]	
AAEC 4484	Applied Economic Forecasting [1]	
GEOG 4084	Modeling with Geographic Information Systems [1]	
Restricted Electives		
Select three AAEC courses (6 hours must be at the 3000 level or higher)		9
Subtotal		19
Area of Specialization and Free Electives		
A. Area of Specialization		
AAEC undergraduate advisor must approve area of specialization courses. Students should consider obtaining a minor or double major to satisfy the area of specialization. At least 9 hours must be at the 3000 level or higher (unless noted otherwise for a minor in another academic department). Students majoring in Agribusiness are not eligible to minor in any of the AAEC minors. [3]		18
B. Free Electives		
Select 7 hours		7
Subtotal		25
Pathways to General Education		
Pathways Concept 1 - Discourse		
ENGL 1105	First-Year Writing (1F)	3
ENGL 1106	First-Year Writing (1F)	3
COMM 2004	Public Speaking (1A)	3
or ALCE 3634	Communicating Ag and Life Sciences in Speaking	
Pathways Concept 2 - Critical Thinking in the Humanities		
Select 6 credits in Pathway 2 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G02)		6
Pathways Concept 3 - Reasoning in the Social Sciences		
AAEC 1005	Economics of the Food and Fiber System	3
or ECON 2005	Principles of Economics	
AAEC 1006	Economics of the Food and Fiber System	3
or ECON 2006	Principles of Economics	
Pathways Concept 4 - Reasoning in the Natural Sciences		
Select 6 credits in Pathway 4 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G04)		6
Pathways Concept 5 - Quantitative and Computational Thinking		
MATH 1025	Elementary Calculus (5F) [2]	3
or MATH 1225	Calculus of a Single Variable	
Select one of the following:		3
MATH 1026	Elementary Calculus (5F) [2]	
or MATH 122	Calculus of a Single Variable	
CS 1014	Introduction to Computational Thinking (5F)	
CS 1064	Introduction to Programming in Python (5F)	
FREC 1004	Digital Planet (5F)	
STAT 1014	Data in Our Lives (5F)	
STAT 3615	Biological Statistics (5A) [1]	3
or STAT 3005	Statistical Methods	
or BIT 2405	Introduction to Business Statistics, Analytics, and Modeling	
Pathways Concept 6 - Critique and Practice in Design and the Arts		
Select 3 credits in Pathway 6d (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06D)		3
Select 3 credits in Pathway 6a (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06A)		3
Pathways Concept 7 - Critical Analysis of Identity and Equity in the United States		
Select 3 credits in Pathway 7 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G07)		3
Subtotal		45
Total Credits		**120**

[1] **Pre-requisites:** Some courses required for this major have pre-/co-requisites and/or enrollment requirements. Please refer to the

Undergraduate Course Catalog or consult your advisor for information about pre-/co-requisites and enrollment requirements.

2   Students considering graduate school in applied economics are encouraged to take MATH 1225 Calculus of a Single Variable-MATH 1226 Calculus of a Single Variable.

Satisfactory progress: By the end of the academic year in which the student has attempted 72 hours (including transfer, advanced placement, advanced standing and credit by examination), "satisfactory progress" will consist of

1. an overall GPA of at least 2.0;
2. at least 30 credits that apply to the Pathways to General Education, and
3. 9 semester credits of departmental requirements.

Graduation Requirements

Program Total Hours: 120 credit hours required for graduation with this degree.

GPA: In major calculation is from all AAEC and ECON classes taken. An overall GPA of at least 2.0 is required to meet the University's minimum standard for good academic standing. Overall and in-major GPA's of at least 2.00 are required for graduation.

Foreign Language Requirements

Foreign Language Requirement: Students who do not successfully complete at least two units of a single foreign language, classical language, or American Sign Language during high school must successfully complete six semester hours of a single college-level foreign or classical language at the college level. Such semester hours are in addition to those normally required for graduation. Please see the Undergraduate Catalog for details.

First Year

Fall Semester		Credits
ENGL 1105	First-Year Writing	3
AAEC 1005	Economics of the Food and Fiber System	3
or ECON 2005	or Principles of Economics	
MATH 1025	Elementary Calculus	3
or MATH 1225	or Calculus of a Single Variable	
Pathways Concept 2 - Critical Thinking in the Humanities		3
Pathways Concept 4 - Reasoning in the Natural Sciences		3
ALS 1234	CALS First Year Seminar	1
	Credits	**16**
Spring Semester		
ENGL 1106	First-Year Writing	3
MATH 1026	Elementary Calculus	3
or MATH 1226	or Calculus of a Single Variable	
or FREC 1004	or Digital Planet	
or CS 1014	or Introduction to Computational Thinking	
or CS 1064	or Introduction to Programming in Python	
or STAT 1014	or Data in Our Lives	
AAEC 1006	Economics of the Food and Fiber System	3
or ECON 2006	or Principles of Economics	
Pathways Concept 6 - Critique and Practice in Design and the Arts		3
Pathways Concept 4 - Reasoning in the Natural Sciences		3
	Credits	**15**

Second Year

Fall Semester		Credits
COMM 2004	Public Speaking	3
or ALCE 3634	or Communicating Ag and Life Sciences in Speaking	
AAEC 2434	Foundations of Agribusiness	3
ACIS 2115	Principles of Accounting	3
AAEC 3015	Internship in Agricultural and Applied Economics	1
Pathways Concept 7 - Critical Analysis of Identity and Equity in the United States		3
Pathways Concept 6 - Critique and Practice in Design and the Arts		3
	Credits	**16**
Spring Semester		
AAEC 3454	Small Business Management and Entrepreneurship	3
AAEC 3004	Agricultural Production and Consumption Economics	3
Area of Specialization		3
Restricted Electives		3
Pathways Concept 2 - Critical Thinking in the Humanities		3
	Credits	**15**

Third Year

Fall Semester		Credits
STAT 3615	Biological Statistics	3
or STAT 3005	or Statistical Methods	
or BIT 2405	or Introduction to Business Statistics, Analytics, and Modeling	
AAEC 3504	Marketing Agricultural Products	3
Restricted Electives		3
Area of Specialization		3
Free Electives		3
	Credits	**15**
Spring Semester		
AAEC 3014	Analytical Methods in Applied Economics	3
or STAT 3006	or Statistical Methods	
or STAT 3616	or Biological Statistics	
or BIT 2406	or Introduction to Business Statistics, Analytics, and Modeling	
AAEC 4504	Agricultural Price and Market Analysis	3
or AAEC 4804	or Elementary Econometrics	
or AAEC 4484	or Applied Economic Forecasting	
or GEOG 4084	or Modeling with Geographic Information Systems	
AAEC 3424	Value-Based Management in Agribusiness	3
or FIN 3104	or Introduction to Finance	
or ACIS 2116	or Principles of Accounting	
AAEC 3604	Agricultural Law	3
Area of Specialization		3
	Credits	**15**

Fourth Year

Fall Semester		Credits
AAEC 4424	Ag Financial Management	3
AAEC 4514	Advanced Agribusiness Marketing	3
Restricted Electives		3
Area of Specialization		3
Area of Specialization		3
	Credits	**15**
Spring Semester		
AAEC 3024	Monetary and Global Issues in Applied Economics	3
ENGL 3774	Business Writing	3
or ENGL 3764	or Technical Writing	
or ALCE 3624	or Communicating Ag and Life Sciences in Writing	
or ENGL 3754	or Advanced Writing and Research	
Area of Specialization		3
Free Electives		3
Free Electives		1
	Credits	**13**
	Total Credits	**120**

- Restricted Electives - must complete 9 hours total, 6 hours must be at the 3000 level or higher.
- Area of Specialization - must complete 18 hours.
- AAEC advisor must approve area of specialization courses and the student must file an area of specialization form with the AAEC undergraduate office. Students should consider a minor or double major to fulfill this requirement. At least 15 hours must be at the 3000 level or higher unless noted otherwise for a minor in another academic department.