

AGRIBUSINESS MAJOR WITH VETERINARY BUSINESS 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		
<i>Major Option Core Courses</i>		
BCHM 2024	Concepts of Biochemistry ¹	3
or BCHM 3114	Biochemistry for Biotechnology and the Life Sciences	
or BCHM 4115	General Biochemistry	
BIOL 1115	Principles of Biology Laboratory ¹	1
BIOL 1116	Principles of Biology Laboratory	1
BIOL 2604	General Microbiology ¹	3
BIOL 2614	General Microbiology Laboratory ¹	1-2
PHYS 2205	General Physics ¹	3
PHYS 2206	General Physics ¹	3
PHYS 2215	General Physics Laboratory ¹	1
PHYS 2216	General Physics Laboratory ¹	1
CHEM 1035	General Chemistry	3
CHEM 1036	General Chemistry	3
CHEM 1045	General Chemistry Laboratory	1
CHEM 1046	General Chemistry Laboratory	1
CHEM 2535	Organic Chemistry ¹	3

CHEM 2536	Organic Chemistry ¹	3
CHEM 2545	Organic Chemistry Laboratory ¹	1
CHEM 2546	Organic Chemistry Laboratory ¹	1
HNFE 2204	Medical Terminology ¹	3
Subtotal		36-37

Free Electives

Select credits needed to complete 120 hours	8
Subtotal	8

Pathways to General Education

Pathways Concept 1 - Discourse

ENGL 1105	First-Year Writing	3
ENGL 1106	First-Year Writing	3
COMM 2004	Public Speaking	3
or ALCE 3634	Communicating Ag and Life Sciences in Speaking	

Pathways Concept 2 - Critical Thinking in the Humanities

Select six hours in Pathway 2 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G02)	6
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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

BIOL 1105	Principles of Biology	3
BIOL 1106	Principles of Biology	3

Pathways Concept 5 - Quantitative and Computational Thinking

MATH 1025	Elementary Calculus	3
or MATH 1225	Calculus of a Single Variable	

Select one of the following: 3

MATH 1026	Elementary Calculus	
or MATH 1225	Calculus of a Single Variable	

CS 1014	Introduction to Computational Thinking	
CS 1064	Introduction to Programming in Python	

FREC 1004	Digital Planet	
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STAT 1014	Data in Our Lives	
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STAT 3615	Biological Statistics	3
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or STAT 3005	Statistical Methods	
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or BIT 2405	Introduction to Business Statistics, Analytics, and Modeling	
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Pathways Concept 6 - Critique and Practice in Design and the Arts

Select three hours in Pathway 6d (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06D)	3
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Select three hours in Pathway 6a (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G06A)	3
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Pathways Concept 7 - Critical Analysis of Identity and Equity in the United States

Select three hours in Pathway 7 (https://catalog.vt.edu/course-search/?attrs_pathways=attrs_pathways_G07)	3
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Subtotal	45
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Total Credits 120-121

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

2 Agribusiness Major with Veterinary Business Management Option

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

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