

Virginia Polytechnic Institute & State University  
 College of Agriculture & Life Sciences  
 Bachelor of Science in Agribusiness (BS AGRB)  
 Veterinary Business Management Option (VBMG)  
 For Students Graduating in Calendar Year 2021

APPROVED  
 UNIVERSITY REGISTRAR

**Part I. UNIVERSITY, COLLEGE, AND DEPARTMENT CLE\***

\* The total number of credit hours will vary depending upon whether Curriculum for Liberal Education courses are used to meet specific requirements in Part II. A minimum of 120 hours are required. Some Curriculum for Liberal Education courses may also fulfill departmental requirements, but the credit hours may not be counted twice.

(Area 1)	ENGL 1105-1106	Freshman English	3 __, 3 __
(Area 2)	(Ideas, Cultural Traditions, and Values)		3 __, 3 __
(Area 3)	AAEC 1005-1006 <sup>1</sup>	Econ. of the Food and Fiber System	3 __, 3 __
(Area 4)	BIOL 1105, 1106	Principles of Biology	3 __, 3 __
	BIOL 1115, 1116	Principles of Biology Labs	1 __, 1 __
(Area 5)	MATH 1525-1526 <sup>2</sup>	Elem. Calculus with Matrices	3 __, 3 __
(Area 6)	(Creativity and Aesthetic Experience)		1 __
(Area 7)	(Critical Issues in a Global Context) <sup>3</sup>		3 __
	ACIS 2115	Principles of Accounting	3 __
	FIN 3104 <sup>4</sup>	Introduction to Finance	3 __
	COMM 2004 or	Public Speaking	
	ALCE 3634 <sup>5</sup>	Comm. Ag. & Life Sci. in Speaking	3 __
	ENGL 3774 <sup>6</sup>	Business Writing	3 __

**Part II. VETERINARY BUSINESS MANAGEMENT (VBMG)**

**A. Disciplinary Core Courses (18 hours)**

AAEC 2434	Foundations of Agribusiness	3 __
AAEC 3454	Small Business Management and Entrepreneurship	3 __
AAEC 3504	Marketing Ag. Products	3 __
AAEC 3604	Agricultural Law	3 __
AAEC 4424	Agricultural Financial Management	3 __
AAEC 3024	Monetary and Global Issues in Applied Econ.	3 __

**B. Restricted Electives (3 hours total, must be at the 3000 level or higher)**

AAEC _____	_____	3 __
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**C. Science and Analytical Methods**

STAT 3005, STAT 3615 or BIT 2405	Statistical Methods or Quantitative Methods	3 __
and AAEC 3014 <sup>7</sup>	Analytic Methods in Applied Economics	3 __
PHYS 2205-2206	General Physics	3 __, 3 __
PHYS 2215-2216	General Physics Labs	1 __, 1 __
CHEM 1035, 1036	General Chemistry	3 __, 3 __
CHEM 1045, 1046	General Chemistry Labs	1 __, 1 __
CHEM 2535-2536	Organic Chemistry	3 __, 3 __
CHEM 2545-2546	Organic Chemistry Labs	1 __, 1 __
BCHM 2024 <sup>8</sup>	Concepts in Biochemistry	3 __

**Part III. AREA OF SPECIALIZATION AND FREE ELECTIVES**

**A. Area of Specialization (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 minors or double majors or additional courses in science/animal science. At least 12 hours must be at the 3000 level or higher (unless noted otherwise for a minor in another academic department or approved by advisor).

Course	3 __	Course	3 __
_____	3 __	_____	3 __
_____	3 __	_____	3 __

NOTES:

**Pre-requisites:** Some courses required for this major have prerequisites. Please refer to the Undergraduate Course Catalog or consult your advisor for information about prerequisites.

**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.

**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.

**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 24 credits that apply to the University Curriculum for Liberal Education, and 3) 9 semester credits of departmental requirements.

<sup>1</sup> Or take ECON 2005-2006: Principles of Economics

<sup>2</sup> Or take MATH 1025-1026: Elem. Calculus; or MATH 1225-1226: Calculus of a Single Variable. Students considering graduate school in applied economics are encouraged to take MATH 1225-1226.

<sup>3</sup> Must select 3 hours to meet the Area 7 curriculum requirement. May take AAEC 3314, AAEC 3204 or other approved course.

<sup>4</sup> Or ACIS 2116: Principles of Accounting.

<sup>5</sup> Or take COMM 2014: Speech Communication; or COMM 3134: Argumentation and Decision-Making.

<sup>6</sup> Or take ENGL 3764: Technical Writing; or ENGL 3754: Advanced Composition.

<sup>7</sup> Or BIT 2405-2406, or STAT 3005-3006, or STAT 3615-3616.

<sup>8</sup> Or take BCHM 3114: Biochem for Biotech; or BCHM 4115 General Biochemistry.