

**Virginia Polytechnic Institute & State University**  
**College of Agriculture & Life Sciences**  
**Bachelor of Science in Applied Economic Management**  
**International Trade and Development Major (ITD)**  
**For Students Entering under Undergraduate Catalog 2023-2024**

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

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

**A. Pathways General Education (45 hours)**

<b>Concept 1 – Discourse</b>			
	<b>Foundational</b>	ENGL 1105-1106	3____, 3____
	<b>Advanced</b>	COMM 2004 or ALCE 3634	3____
<b>Concept 2 – Critical Thinking in the Humanities</b>		Any Concept 2 Courses	3____, 3____
<b>Concept 3 – Reasoning in the Social Sciences</b>		AAEC 1005, 1006 <sup>1</sup>	3____, 3____
<b>Concept 4 – Reasoning in the Natural Sciences</b>		Any Concept 4 Lecture Courses	3____, 3____
<b>Concept 5 – Quantitative &amp; Computational Thinking</b>			
	<b>Foundational</b>	MATH 1025	3____
	<b>Foundational</b>	MATH 1026 <sup>2</sup> or CS 1014 or CS 1064 or FREC 1004 or STAT 1014	3____
	<b>Advanced</b>	*STAT 3615 <sup>3</sup>	3____
<b>Concept 6 – Critique &amp; Practice in Design and the Arts</b>			
	<b>Design</b>	Any Concept 6 Design Course	3____
	<b>Arts</b>	Any Concept 6 Arts Course	3____
<b>Concept 7 – Critical Analysis of Identity &amp; Equity in the US</b>		Any Concept 7 Course	3____

**Part II. INTERNATIONAL TRADE AND DEVELOPMENT MAJOR (ITD)**

**A. Degree Core Courses (19 hours)**

*AAEC 2434	Foundations of Agribusiness	3____
*AAEC 3004	Agricultural Production and Consumption Economics	3____
*AAEC 3024	Monetary and Global Issues in Applied Economics	3____
AAEC 3015	AAEC Internship	1____
*AAEC 3014 <sup>4</sup>	Analytical Methods in Applied Economics	3____
ACIS 2115	Principles of Accounting	3____
*ENGL 3774 <sup>5</sup>	Business Writing	3____

**B. Major Core Courses (19 hours)**

ALS 1234	CALS First Year Seminar	1____
*AAEC 3204	International Agricultural Development and Trade	3____
*AAEC 3324	Environment and Sustainable Development Economics	3____
*AAEC 4324	Rural and Regional Development Policy	3____
*AAEC 3424 <sup>6</sup>	Value-Based Management in Agribusiness	3____
IS 2054	Introduction to World Politics	3____
IS 2064	Global Economy and World Politics	3____

**C. Analytical Methods (3 hours)**

<b>Take 1 of:</b>		3____
*AAEC 4804	Elementary Econometrics	
*AAEC 4504	Agricultural Price and Market Analysis	
GEOG 2084 <sup>7</sup>	Principles of Geographic Information Systems	
*ECON 3254 <sup>8</sup>	Analysis of Economic Data	
*ECON 4304	Introduction to Econometric Methods	
*AAEC 4484	Applied Economic Forecasting	

**D. Restricted Electives - 9 hours total (6 hours must be at the 3000 level or higher)**

AAEC _____	_____	3____
AAEC _____	_____	3____
AAEC _____	_____	3____
or *ECON 4135	International Economics	

**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. 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 the AAEC Department are not eligible to minor in any of the AAEC minors<sup>9</sup>.

Course		Course	
_____	3	_____	3
_____	3	_____	3
_____	3	_____	3

**B. Free Electives (7 hours - Number needed to complete 120 hours)**

_____	3	_____	3
_____	1		

**NOTES:**

**\*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.

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

**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 30 credits that apply to the Pathways to General 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 1225-1226: Calculus of a Single Variable. Students considering graduate school in applied economics are encouraged to take MATH 1225-1226.

<sup>3</sup> Or STAT 3005: Statistical Methods or BIT 2405: Introduction to Business Statistics, Analytics, and Modeling

<sup>4</sup> Or BIT 2406: Introduction to Business Statistics, Analytics and Modeling, or STAT 3006: Statistical Methods, or STAT 3616: Biological Statistics

<sup>5</sup> Or take ENGL 3764: Technical Writing, or ENGL 3754: Advanced Composition, or ALCE 3624 Communicating Agriculture in Writing.

<sup>6</sup> Or FIN 3104: Introduction to Finance or ACIS 2116: Principles of Accounting.

<sup>7</sup> May also take GEOG 2084: Introduction to GIS or BSE 4344 Geographic Information Systems for Engineers.

<sup>8</sup> Prerequisites for this class: STAT 3005. If BIT 2405 is taken, students must also take BIT 2406 or AAEC 3014.

<sup>9</sup> AAEC minors: Agribusiness Management and Entrepreneurship (ABAE), Environmental Economics (EECO), Development and International Trade (DAIT), and Agricultural and Applied Economics (AEMN).