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 2022-2023

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):

Concept 1 – Discourse
- Foundational: ENGL 1105-1106 3___, 3___
- Advanced: COMM 2004 or ALCE 3634 3___

Concept 2 – Critical Thinking in the Humanities
- Any Concept 2 Courses 3___, 3___

Concept 3 – Reasoning in the Social Sciences
- AAEC 1005, 10061 3___, 3___

Concept 4 – Reasoning in the Natural Sciences
- Any Concept 4 Lecture Courses 3___, 3___

Concept 5 – Quantitative & Computational Thinking
- Foundational: MATH 1025 3___
- Foundational: MATH 10262 or CS 1014 or CS 1064 or FREC 1004 or STAT 1014 3___
- Advanced: STAT 36153 3___

Concept 6 – Critique & Practice in Design and the Arts
- Design: Any Concept 6 Design Course 3___
- Arts: Any Concept 6 Arts Course 3___

Concept 7 – Critical Analysis of Identity & Equity in the US
- Any Concept 7 Course 3___

Part II. INTERNATIONAL TRADE AND DEVELOPMENT MAJOR (ITD)

A. Degree Core Courses (19 credit 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 30144 Analytical Methods in Applied Economics 3___
ACIS 2115 Principles of Accounting 3___
*ENGL 37745 Business Writing 3___

B. Major Core Courses (18 hours):

*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 34246 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)

Take 1 of:

- *AAEC 4804 Elementary Econometrics 3___
- *AAEC 4504 Agricultural Price and Market Analysis 3___
- GEOG 20847 Principles of Geographic Information Systems 3___
- *ECON 32548 Analysis of Economic Data 3___
- *ECON 4304 Introduction to Econometric Methods 3___
- *AAEC 4484 Applied Economic Forecasting 3___

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 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. 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".
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**B. Free Electives (8 credits - Number needed to complete 120 hours)**

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**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.

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2. Or take MATH 1225-1226: Calculus of a Single Variable. Students considering graduate school in applied economics are encouraged to take MATH 1225-1226.
3. Or STAT 3005: Statistical Methods or BIT 2405: Introduction to Business Statistics, Analytics, and Modeling
4. Or BIT 2406: Introduction to Business Statistics, Analytics and Modeling, or STAT 3006: Statistical Methods, or STAT 3616: Biological Statistics
5. Or take ENGL 3764: Technical Writing, or ENGL 3754: Advanced Composition, or ALCE 3624 Communicating Agriculture in Writing.
7. May also take GEOG 2084: Introduction to GIS or BSE 4344 Geographic Information Systems for Engineers.
8. Prerequisites for this class: STAT 3005. If BIT 2405 is taken, students must also take BIT 2406 or AAEC 3014.