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 Graduating in Calendar Year 2022 and Date of Entry under UG Catalog 2020-2021

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.

Pathways Concepts (45 hours):  
Concept 1 - Discourse - Foundational  
Discourse - Advanced  
Any Concept 2 Courses  
Concept 3 - Reasoning in the Social Sciences  
Any Concept 4 Lecture Courses  
Concept 5 - Quantitative & Computational Thinking - Foundational  
MATH 1025  
Foundational MATH 1026 or CS 1014 or CS 1064  
or FREC 1004 or STAT 1014  
Quantitative & Computational Thinking - Advanced  
STAT 3615  
Concept 6 - Critique & Practice in Design and the Arts-Design

Part II. INTERNATIONAL TRADE AND DEVELOPMENT MAJOR (ITD)  
A. Degree Core Courses (19 credit hours)  
<table>
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<tr>
<th>Course</th>
<th>Title</th>
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</table>
| *AEC 2434 | Foundations of Agribusiness | 3  
| *AEC 3004 | Agricultural Production and Consumption Economics | 3  
| *AEC 3024 | Monetary and Global Issues in Applied Economics | 3  
| AEC 3015 | AEC Internship | 1  
| *AEC 3014 | Analytical Methods in Applied Economics | 3  
| ACIS 2115 | Principles of Accounting | 3  
| *ENGL 3774 | Business Writing | 3  

B. Major Core Courses (18 hours):  
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<th>Course</th>
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| *AEC 3204 | International Agricultural Development and Trade | 3  
| *AEC 3324 | Environment and Sustainable Development Economics | 3  
| *AEC 4324 | Rural and Regional Development Policy | 3  
| *FIN 3104 | Introduction to Finance | 3  
| IS 2054 | Introduction to World Politics | 3  
| IS 2064 | Global Economy and World Politics | 3  

C. Analytical Methods (3 hours)  
Take 1 of:  
<table>
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<th>Course</th>
<th>Title</th>
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</table>
| *AEC 4804 | Elementary Econometrics | 3  
| *AEC 4504 | Agricultural Price and Market Analysis |  
| GEOG 2084 | Principles of Geographic Information Systems |  
| *ECON 3254 | Analysis of Economic Data |  
| *ECON 4304 | Introduction to Econometric Methods |  

D. Restricted Electives - 9 hours total (6 hours must be at the 3000 level or higher)  
<table>
<thead>
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<th>Course</th>
<th>Credit</th>
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| AEC | 3  
| AEC | 3  
| *ECON 4135 | International Economics | 3  

Part III. AREA OF SPECIALIZATION AND FREE ELECTIVES  
A. Area of Specialization (18 hours) - AEC advisor must approve area of specialization courses and the student must file an area of specialization form with the AEC 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).  
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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.

1 Or take ECON 2005-2006: Principles of Economics
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
4 Or BIT 2005, or STAT 3005, or STAT 3616
5 Or take ENGL 3764: Technical Writing, or ENGL 3754: Advanced Composition.
6 Or ACIS 2116: Principles of Accounting.
7 May also take GEOG 2004: Introduction to GIS or BSE 1344 Geographic Information Systems for Engineers.
8 Prerequisites for this class: STAT 3005. If BIT 2005 is taken, students must also take BIT 2006 or AAEC 3014.