INTERNATIONAL FOOD AND RESOURCE ECONOMICS

Through curriculum and experiential learning, students develop the skills to analyze complex situations such as the allocation of natural resources to meet the needs of people in local, state, national, and global communities. Food and Resource Economics students study sales, finance, marketing, management, environmental policy, law, international trade, math and economics.

About this Program

- **College:** Agricultural and Life Sciences (https://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/)
- **Degree:** Bachelor of Science
- **Specializations:** Food and Agribusiness Marketing and Management (https://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/FRE_BS/FRE_BS03/) | International Food and Resource Economics (p. 1)
- **Credits for Degree:** 120
- **More Info**

To graduate with this major, students must complete all university, college, and major requirements.

Department Information

Website (https://fred.ifas.ufl.edu/)

CONTACT

Email (jkropp@ufl.edu) | 352.392.1826 (tel) | 352.846.0988 (fax)

P.O. Box 110240
1102 MCCARTY HALL B
GAINESVILLE FL 32611-0240
Map (http://campusmap.ufl.edu/#/index/0496)

Curriculum

- Agricultural and Natural Resource Ethics and Policy Minor
- Agricultural and Natural Resource Law Minor
- Agricultural and Rural Entrepreneurship Minor
- Combination Degrees
- Data Analytics for Applied Economics and Agribusiness Minor
- International Development and Humanitarian Assistance Minor

Graduates choose from a vast number of career opportunities, including sales, marketing, management, environmental policy, international trade, international marketing, economic analysis, natural resource management and human resource management.

Students who have completed 30 credits but fewer than 60 are required to complete mathematics through precalculus (MAC 1147 or equivalent) before admission to the college.

Students who have completed 60 or more credits are required to have completed calculus (MAC 2233 or equivalent), statistics (STA 2023 or equivalent), financial accounting (ACG 2021 or equivalent) and macroeconomics (ECO 2013 or equivalent) with minimum grades of C before admission to the college.

Students should consult an advisor for approval of electives.

International Food and Resource Economics

This specialization provides a broad background in economic theory and international development and policy. Many who choose this specialization are preparing for graduate school or for careers working for international organizations and governments.

Critical Tracking

Critical Tracking records each student's progress in courses that are required for progress toward each major. Please note the critical-tracking requirements below on a per-semester basis.

Students also must earn a minimum GPA of 2.25 in all AEB courses.

Equivalent critical-tracking courses as determined by the State of Florida Common Course Prerequisites (https://cpm.flvc.org/advance-search/) may be used for transfer students.

Semester 1

- Complete 1 of 3 critical courses: ECO 2013, MAC 2233, STA 2023
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 2

- Complete 1 additional critical-tracking course
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 3

- Complete MAC 2233
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 4

- Complete 1 additional critical-tracking course
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 5

- Complete all critical-tracking courses
- 2.0 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 6

- Complete AEB 3510
- 2.0 upper division GPA required
- 2.25 GPA required for all AEB courses
- 2.0 UF GPA required

Semester 7

- Complete AEB 3550
- 2.0 upper division GPA required
- 2.25 GPA required for all AEB courses
- 2.0 UF GPA required

Semester 8

- 2.0 upper division GPA required
- 2.25 GPA required for all AEB courses
- 2.0 UF GPA required

Model Semester Plan

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold. These courses must be completed by the terms as listed above in the Critical Tracking criteria.

This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student's academic record and scheduling availability of courses. Prerequisites still apply.

Course	Title	Credits
Semester One		
ECO 2013	Principles of Macroeconomics (**Critical Tracking**; State Core Gen Ed Social and Behavioral Sciences)	4
MAC 1140	Precalculus Algebra (Gen Ed Mathematics; if needed, or select one elective)	3

State Core Gen Ed Biological or Physical Sciences (https://catalog.ufl.edu/UGRD/academic-programs/general-education/#genedcoursestext) [1]		3-4
State Core Gen Ed Composition (https://catalog.ufl.edu/UGRD/academic-programs/general-education/#genedcoursestext); Writing Requirement [2]		3
Elective		3
	Credits	**16-17**
Semester Two		
Quest 1 (Gen Ed Humanities)		3
MAC 2233	Survey of Calculus 1 (**Critical Tracking**; State Core Gen Ed Mathematics)	3
State Core Gen Ed Humanities (https://catalog.ufl.edu/UGRD/academic-programs/general-education/#genedcoursestext) [2]		3
Gen Ed Composition; Writing Requirement [2]		3
Civic Literacy Requirement – Select one:		3
POS 2041	American Federal Government (Gen Ed Social and Behavioral Sciences)	
AMH 2020	United States Since 1877 (Gen Ed Social and Behavioral Sciences)	
	Credits	**15**
Semester Three		
Quest 2		3
AEC 3033C	Research and Business Writing in Agricultural and Life Sciences (Writing Requirement)	3
STA 2023	Introduction to Statistics 1 (**Critical Tracking**; Gen Ed Mathematics)	3
State Core Gen Ed Biological or Physical Sciences (https://catalog.ufl.edu/UGRD/academic-programs/general-education/#genedcoursestext) [1]		3
Elective		3
	Credits	**15**
Semester Four		
ACG 2071 or AEB 3122	Introduction to Managerial Accounting or Financial Planning for Agribusiness	3-4
AEB 2935	Food and Resource Economics Seminar	1
AEB 3103	Principles of Food and Resource Economics	4
AEC 3030C	Effective Oral Communication	3
Gen Ed Chemistry or Physical Sciences [1]		3
	Credits	**14-15**
Semester Five		
Select one:		
AEB 2280	World Agricultural Policy (Quest 2, Gen Ed, Social and Behavioral Sciences, International)	
AEB 2284	How Do We End Poverty? (Quest 2, Gen Ed, Social and Behavioral Sciences, International)	
AEB 2451	Economics of Resource Use	3
AEB 3281	Agricultural Macroeconomics	3
AEB 3300	Agricultural and Food Marketing	3
AEB 3133	Principles of Agribusiness Management	3
Elective		3
	Credits	**15**
Semester Six		
AEB 3510	Quantitative Methods in Food and Resource Economics (**Critical Tracking**)	3
AEB 3144	Introduction to Agricultural Finance	3
AEB 4242	International Trade Policy in Agriculture	3
Approved International Food and Resource Economics elective		3
Elective		3
	Credits	**15**
Semester Seven		
AEB 4673 or ECO 3704	International Agricultural Trade or International Trade	3-4
AEB 3550	Agricultural Data Analysis in Food and Resource Economics (**Critical Tracking**)	3
Writing Requirement		3
Approved International Food and Resource Economics elective		3
Elective		3
	Credits	**15-16**
Semester Eight		
Select one:		3-4
AEB 4334	Agricultural Price Analysis and Consumer Behavior	
AEB 4374	Advanced Agricultural Microeconomics [3]	
ECO 3101	Intermediate Microeconomics [3]	

AEB 4343	International Agribusiness Marketing	3
Approved International Food and Resource Economics elective		3
Elective		6
	Credits	**15-16**
	Total Credits	**120**

1 At least one science course (e.g., SWS 3022L) must include a laboratory component.
2 The order in which these courses are taken is not important.
3 Students pursing graduate school should consider this option.

Approved Electives

Code	Title	Credits
AEB 3450	Introduction to Natural Resource and Environmental Economics	3
AEB 4005	Agricultural and Rural Entrepreneurship	3
AEB 4085	Agricultural Risk Management and the Law	3
AEB 4123	Agricultural and Natural Resource Law	3
AEB 4126	Agricultural and Natural Resource Ethics	3
AEB 4282	International Humanitarian Assistance (Gen Ed Social and Behavioral Sciences with International)	3
AEB 4283	International Development Policy (Gen Ed Social and Behavioral Sciences)	3
AEB 4344	Agribusiness Enterprise Development	3
ECO 4421	Econometrics	4
GEA 2601	Geography of Africa	3
GEO 3502	Economic Geography	3
URP 2001	Comparative Urbanization	3
Any 3000 level or above course in LAS, EUS or AFS		3
Select one of the following AEB pre-fixed Quest 2 Courses:		3
AEB 2284	How Do We End Poverty?	
AEB 2294	Valuing Circular Food Economies	
AEB 2372	The Economics of Eating	
AEB 2452	Agritourism and Food Systems	
Special Experiential Learning AEB prefixed courses (AEB 4911, AEB 4905, AEB 4915, and AEB 4941, AEB 4951, AEB 4380) or any 1-3 credits of study abroad.		1-3

Academic Learning Compact

Students will learn to apply a conceptual framework using economic reasoning and generally accepted economic principles to problem solving. They will also learn to analyze and interpret economic data, and to critically evaluate economic information in media and politics.

BEFORE GRADUATING STUDENTS MUST

- Complete AEB 4325 for the Food and Agribusiness Marketing and Management specialization, or
  Complete AEB 4343 for the International Food and Resource Economics specialization
- Complete requirements for the baccalaureate degree, as determined by faculty.

STUDENTS IN THE MAJOR WILL LEARN TO

Student Learning Outcomes | SLOs

Content

1. Describe fundamental micro- and macroeconomic principles.
2. Explain the basic role of marketing, management, and finance in firm-level decision making.

Critical Thinking

1. Analyze and interpret economic data, critically evaluating economic information and economic policies.
2. Develop a business plan, based on a projected marketing strategy, assessing historic financial statements and projecting cash flows.

Communication

1. Communicate effectively in written form in a manner appropriate in economics and business.
2. Communicate orally (including visual aids) in an effective manner appropriate in economics and business.

Curriculum Map

I = Introduced; R = Reinforced; A = Assessed

Courses	SLO 1	SLO 2	SLO 3	SLO 4	SLO 5	SLO 6
AEB 3103	I		I			
AEB 3133	R	R	R	I		
AEB 3144		R		R		
AEB 3300	I	I	I			
AEB 4138				R, A	R, A	R, A
AEB 4242	A		A	A		
AEB 4325	R, A	R, A	R, A	R, A	R, A	
AEB 4343		A	A	A	A	R, A
AEC 3030C						I
AEC 3033C					I	

ASSESSMENT TYPES

- Case studies
- Presentations
- Exams