

# INTERNATIONAL AGRICULTURE, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

## Program Description

This minor is an interdisciplinary program of study designed to enable students to:

1. gain an awareness and appreciation for the interrelationship and interdependency of the nations of the world for their food and fiber systems worldwide;
2. gain awareness of problems in international agriculture and sustainability of alternative solutions;
3. understand global impacts of technology;
4. understand systems of learning across cultures.

## What is International Agriculture?

How does climate change affect coffee grown in El Salvador—and migration into the United States? What resources do women farmers have compared to men? How can governmental policies promote all people having food at all times? These are just a few of the questions explored within the field of international agriculture.

Agriculture affects all of us. Every time we eat, go to the grocery store, or even buy clothing, we are participating in complex agricultural systems that are increasingly globally integrated. The interdisciplinary study of international agriculture explores food and fiber production around the world—and the lives of everyone connected to these processes. Utilizing systems thinking we examine the environmental, social, economic, political, and technological challenges and opportunities to promoting food security and sustainable agricultural development around the globe.

## You Might Like This Program If...

- You want to examine real world challenges influencing whether people around the world have adequate food to eat.
- You want to explore the interconnected environmental, social, and economic factors which contribute to food and fiber production globally.
- You want to enhance your global and cultural perspectives to apply to careers in business, non-profits, government, and more.
- You want to explore the local implications of agriculture and sustainable development around the globe.

## Entrance to Minor

Students may apply for admission to the minor by completing and submitting an application for admission to Office of International Programs, College of Agricultural Sciences, 106 Administration Building, University Park campus. A signature from the student's major program adviser is required.

## Program Requirements

Requirement	Credits
Requirements for the Minor	18

### Requirements for the Minor

This minor requires 18 credits and may be combined with any undergraduate major in the University. Some courses require prerequisites not included in the minor. World language competence is highly recommended.

Students are given the option of participating in a semester study abroad program that would be discussed and approved by the INTAG coordinator and the student's academic adviser. Twelve credits maximum can count toward the minor, and should normally only fulfill elective and internationally-oriented experience credits, and not replace prescribed credits for the minor. The semester study abroad program needs to focus on courses within the food, agriculture or natural resources areas.

Students must have six credits of 400-level course work for the minor.

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (<https://senate.psu.edu/students/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/>). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

Code	Title	Credits
<b>Prescribed Courses</b>		
<i>Prescribed Courses: Require a grade of C or better</i>		
INTAG 100N	Everyone Eats: Hunger, Food Security & Global Agriculture	3
INTAG 490	Senior Seminar in International Agriculture	3
<b>Additional Courses</b>		
<i>Additional Courses: Require a grade of C or better</i>		
Select three courses from the first two categories (9 credits) and one internationally-oriented experience from the third category (3 credits)		
<i>Category 1: Social Sciences</i>		
Select up to two courses from this category:		3-6
AEE 400	Global Agriculture Education	
AGBM 338	Agribusiness in the Global Economy	
ANTH 120	First Farmers	
ANTH 472		
BBH 305	Introduction to Global Health Issues	
BBH 402	African Health & Development	
BBH 407	Global Health Equity	
CED 230	Development Issues in the Global Context	
CED 420		
CED 425	International Community and Economic Development	
CED 450	International Development, Renewable Resources, and the Environment	
GEOG 3N	Food and the Future Environment	
GEOG 30N	Environment and Society in a Changing World	
GEOG 123		
GEOG 126	Economic Geography	
GEOG 220	Are we geographic? Fundamentals of Human Geography	

GEOG 430	Human Use of Environment
GEOG 444	Resource Governance in Africa
NUTR 421	Biocultural Perspectives on Public Health Nutrition
NUTR 425	Global Nutrition Problems: Health, Science, and Ethics
SPAN 105	Elementary Spanish I for Students in the Agricultural Sciences
SPAN 106	Elementary Spanish II for Students in the Agricultural Sciences
WMNST 420	
Any university language skill development course	
<i>Category 2: Natural Sciences</i>	
Select up to two courses from this category: 3-6	
AFR 105	African Biodiversity and Conservation
AGECO 3	
AGECO 457	Principles of Integrated Pest Management
EARTH 2	The Earth System and Global Change
ENT 202	
ENT 222	
ENT 457	Principles of Integrated Pest Management
ERM 210	Environmental Factors and Their Effect on Your Food Supply
FDSC 105	Food Facts and Fads
FOR 201	Global Change and Ecosystems
FOR 418	Agroforestry: Science, Design, and Practice
FOR 488Y	
GEOG 210	Geographic Perspectives on Environmental Systems Science
INTAG 300	Tropical Agriculture and Food Systems
PPEM 405	Microbe-Plant Interactions: Plant Disease and Biological Control
SOILS 71	Environmental Sustainability
<i>Category 3: International Experience</i>	
Select 3 credits from the following: 3	
AGBM 470A	Comparing Agricultural and Food Systems in the US and France: Lecture
AGBM 470B	Comparing Agricultural and Food Systems in the United States and France: Travel
AGECO 499	Foreign Studies
ANSC 499	Foreign Studies
CED 499	Foreign Studies
ERM 499	Foreign Studies
FDSC 460	International Food Production
FDSC 499	Foreign Studies
HORT 499	Foreign Studies
INTAG 199	Foreign Studies
INTAG 470A	Comparing Agricultural and Food Systems in the US and France: Lecture
INTAG 470B	Comparing Agricultural and Food Systems in the United States and France: Travel
INTAG 499	Foreign Studies
SOILS 499	Foreign Studies
VBSC 499	Foreign Studies

<sup>1</sup> With approval of INTAG minor coordinator.

## Academic Advising

The objectives of the university's academic advising program are to help advisees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and out-of class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee's unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (<https://senate.psu.edu/students/policies-and-rules-for-undergraduate-students/32-00-advising-policy/>)

## University Park

### Noel Habashy

Assistant Teaching Professor  
106 Agricultural Administration Building  
University Park, PA 16802  
814-863-0249  
noel@psu.edu

Schedule an advising appointment with Noel Habashy through Starfish (<https://sites.psu.edu/starfishinfo/>).

## Career Paths

Graduates of the International Agriculture minor go on to use their global understanding in a wealth of careers such as:

- Non-Governmental Organizations including Cultivating New Frontiers in Agriculture, DAI, and local food banks.
- Government including U.S. Agency for International, U.S. Department of Agriculture's Foreign Agriculture Service, and working for U.S. representatives in congress.
- Private industry including Hershey, Mars, and Corteva.
- Entrepreneurial efforts including an equine business and a community supported agriculture (CSA) farm.
- Academia including research and teaching in nutrition, food security, veterinary medicine, and agricultural education.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES WITH A MINOR IN INTERNATIONAL AGRICULTURE (<https://agsci.psu.edu/global/study-abroad/internships>)

## Opportunities for Graduate Studies

Graduates of the International Agriculture minor go on to pursue a wide range of graduate studies. One such program is the International Agriculture and Development (<https://agsci.psu.edu/global/intad>) dual-degree graduate program at Penn State.

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDIES (<https://agsci.psu.edu/global/intad>)

## Contact

### University Park

AG SCIENCES GLOBAL  
106 Agricultural Administration Building  
University Park, PA 16802  
814-863-0249  
noel@psu.edu

<https://agsci.psu.edu/academics/undergraduate/minors/international-agriculture>