

FOOD SYSTEMS, CERTIFICATE

REQUIREMENTS

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The Certificate in Food Systems requires that students take two highly interdisciplinary core courses (6 total credits), and at least one course in each of three thematic elective categories (for 9 total credits across electives), plus a one credit culminating activity such as an internship, independent study, or appropriate capstone. The course list below provides a complete list of courses that satisfy each requirement.

MINIMUM REQUIREMENTS:

- 2.0 GPA in certificate courses
- At least 50% of certificate courses taken in-residence (i.e. at UW-Madison or through a UW-Madison sponsored study abroad program)
- Minimum of 16 credits total

Code	Title	Credits
Core Courses		
Complete two of the following:		6-7
AGROECOL/ AGRONOMY/ C&E SOC/ ENTOM/ ENVIR ST 103	Agroecology: An Introduction to the Ecology of Food and Agriculture	
C&E SOC/A A E/ SOC 340	Issues in Food Systems	
DY SCI/ AGRONOMY 471	Food Production Systems and Sustainability	
Elective Courses		
Complete at least one course from each list: Provisioning, Context, and Values for a total of at least 9 credits		9
<i>Provisioning (production, processing, distribution)</i>		
AGRONOMY 100	Principles and Practices in Crop Production	
AGRONOMY 300	Cropping Systems	
AGRONOMY 377	Global Food Production and Health	
AN SCI/ DY SCI 101	Introduction to Animal Sciences	
AN SCI/ DY SCI 370	Livestock Production and Health in Agricultural Development	
BOTANY/ PL PATH 123	Plants, Parasites, and People	
FOOD SCI 301	Introduction to the Science and Technology of Food	
HORT 120	Survey of Horticulture	
HORT/ AGRONOMY 376	Tropical Horticultural Systems	
HORT 370	World Vegetable Crops	
HORT 378	Tropical Horticultural Systems International Field Study	

Context (policy, economics, law, society)

A A E 101	Introduction to Agricultural and Applied Economics
AGRONOMY/ HORT 360	Genetically Modified Crops: Science, Regulation & Controversy
AN SCI/ FOOD SCI 321	Food Laws and Regulations
AN SCI/DY SCI/ FOOD SCI/ SOIL SCI 472	Animal Agriculture and Global Sustainable Development
AN SCI/DY SCI/ FOOD SCI/ SOIL SCI 473	International Field Study in Animal Agriculture and Sustainable Development
C&E SOC/ F&W ECOL/ SOC 248	Environment, Natural Resources, and Society
ENVIR ST/ F&W ECOL 515	Natural Resources Policy
GEOG/ ENVIR ST 309	People, Land and Food: Comparative Study of Agriculture Systems
GEOG/ ENVIR ST 534	Environmental Governance: Markets, States and Nature
MED HIST/ AGRONOMY/ C&E SOC/ PHILOS 565	The Ethics of Modern Biotechnology

Values (nutrition, equity, environment)

A A E 323	Cooperatives and Alternative Forms of Enterprise Ownership
A A E/ AGRONOMY/ NUTR SCI 350	World Hunger and Malnutrition
AGRONOMY/ BOTANY/ SOIL SCI 370	Grassland Ecology
BOTANY/ AMER IND/ ANTHRO 474	Ethnobotany
C&E SOC/ SOC 341	Labor in Global Food Systems
C&E SOC/ SOC 222	Food, Culture, and Society
ENVIR ST/ GEOG 309	People, Land and Food: Comparative Study of Agriculture Systems
FOLKLORE/ AMER IND/ ANTHRO/ GEN&WS 437	American Indian Women
HORT 350	Plants and Human Wellbeing
NUTR SCI 132	Nutrition Today
NUTR SCI 332	Human Nutritional Needs
SOIL SCI/ ENVIR ST/ GEOG 230	Soil: Ecosystem and Resource

Food Systems Culmination Activity¹

Select one of the following: 1

Independent Study

C&E SOC 299 Independent Study

C&E SOC 699 Special Problems

Food Systems Internship

C&E SOC 399 Coordinative Internship/
Cooperative Education

Total Credits 16-17

¹ Culminating activities must be formally pre-approved and incorporated into an independent study (299) or internship (399) within the Department of Community and Environmental Sociology. Click [HERE](https://uwmadison.co1.qualtrics.com/jfe/form/SV_eaks3WTTYEkj7Xn/) (https://uwmadison.co1.qualtrics.com/jfe/form/SV_eaks3WTTYEkj7Xn/) for more information and a form to request approval of a culminating activity.

CERTIFICATE COMPLETION REQUIREMENT

This undergraduate certificate must be completed concurrently with the student's undergraduate degree. Students cannot delay degree completion to complete the certificate.