FOOD SYSTEMS, CERTIFICATE

REQUIREMENTS

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		
Select 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		
Select at least one course from each list: Provisioning, Context, and Values for a total of 9 credits		9
Provisioning (production, processing, distribution)		
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 215	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 Activity [1]		
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**

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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/) 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.