

ORGANIC AGRICULTURE, CERTIFICATE

REQUIREMENTS

- Minimum of 15 credits and successful completion of all course requirements
- A minimum cumulative GPA of 2.5 in certificate coursework is required
- Courses in which a student elects the pass/fail option will not count toward completion of requirements.

Code	Title	Credits
Core Courses		
AGROECOL/ AGRONOMY/ C&E SOC/ENTOM/ ENVIR ST 103	Agroecology: An Introduction to the Ecology of Food and Agriculture	3
PL PATH/A A E/ AGRONOMY/ HORT 367	Introduction to Organic Agriculture: Production, Markets, and Policy	3
HORT 372	Colloquium in Organic Agriculture	1
PL PATH 499	Independent Study in Organic Agriculture	2
Electives (complete 6 credits from the following list - courses can be chosen from any topic area)		6
<i>Public Policy & Administration</i>		
A A E/ ENVIR ST 244	The Environment and the Global Economy	
A A E 319	The International Agricultural Economy	
FOOD SCI/ AN SCI 321	Food Laws and Regulations	
HORT/ AGRONOMY 360	Genetically Modified Crops: Science, Regulation & Controversy	
PUB AFFR 240	Evidence-Based Policy Making	
PUB AFFR 380	Analytic Tools for Public Policy	
<i>Business/Entrepreneurship</i>		
A A E 215	Introduction to Agricultural and Applied Economics	
A A E 320	Farming Systems Management	
A A E 323	Cooperatives and Alternative Forms of Enterprise Ownership	
GEN BUS 310	Fundamentals of Accounting and Finance for Non-Business Majors	
or GEN BUS 311	Fundamentals of Management and Marketing for Non-Business Majors	
OTM/ MARKETNG 421	Fundamentals of Supply Chain Management	
ENVIR ST/ M H R 310	Challenges & Solutions in Business Sustainability	
ENVIR ST/A A E/ ECON 343	Environmental Economics	

FOOD SCI 437	Food Service Operations
M H R 322	Introduction to Entrepreneurial Management
M H R 434	Venture Creation
<i>Organic Production & Processing</i>	
AGRONOMY 300	Cropping Systems
AGRONOMY 302	Forage Management and Utilization
AGRONOMY/ HORT 338	Plant Breeding and Biotechnology
AGRONOMY 377	Global Food Production and Health
BSE 349	Quantitative Techniques for Biological Systems
DY SCI/ AGRONOMY 471	Food Production Systems and Sustainability
DY SCI/AN SCI/ FOOD SCI/ SOIL SCI 472	Animal Agriculture and Global Sustainable Development
ENTOM 351	Principles of Economic Entomology
HORT 334	Greenhouse Cultivation
HORT 335	Greenhouse Cultivation Lab
HORT 345	Fruit Crop Production
HORT/ AGRONOMY 376	Tropical Horticultural Systems
PL PATH 300	Introduction to Plant Pathology
PL PATH 315	Plant Microbiomes
PL PATH/ SOIL SCI 323	Soil Biology
PL PATH/ AGRONOMY/ ENTOM/HORT/ SOIL SCI 354	Diagnosing and Monitoring Pest and Nutrient Status of Field Crops
SOIL SCI 322	Physical Principles of Soil and Water Management
SOIL SCI/ AGRONOMY/ HORT 326	Plant Nutrition Management
<i>Social Dimension</i>	
C&E SOC/ SOC 222	Food, Culture, and Society
C&E SOC/A A E/ SOC 340	Issues in Food Systems
C&E SOC/ SOC 341	Labor in Global Food Systems
ENVIR ST/ GEOG 339	Environmental Conservation
GEOG/ ENVIR ST 139	Global Environmental Issues
GEOG/ ENVIR ST 309	People, Land and Food: Comparative Study of Agriculture Systems
HORT 380	Indigenous Foodways: Food and Seed Sovereignty

Total Credits
15

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.