

Core Courses (required) Credits

*Agricultural & Resource Economics	3
*Environmental Issues in Agriculture	3
*Survey of Human Nutrition	3
*Introductory Soil Science	4
*Soil Fertility Management	3
*Small Agribusiness Management	3

Choose one of the following three courses:

*Fundamentals of Ecology	3
*Ecology	3
*Environmental Conservation	3

Choose one of the following two courses:

*Horticultural Science	4
*General Crops	4

Choose two of the following five courses:

*Cool season veg. production	1
*Warm season veg. production	1
*Small fruit production	1
*Tree fruit production	1
*Grape production in temperate zone climates	1

Choose two of the following three groups:

*Ecology/Management of Weeds	4
or	
*Applied and General Entomology	2
*Entomology Laboratory	1
or	
*Elements of Plant Pathology	3

Choose four of the following five courses:

*Soil Microbiology for Sustainable Ag.	1
*Organic Soil Fertility	1
*Composting Principles & Practice	1
*Intro. to Crop Development Techniques	1
*Organic Greenhouse Production	1
*Diagnostics in Organic Systems	2
*Topics in Organic Agriculture	3

Choose one of the following two courses:

*Internship (horticulture) or	
*Internship (soil science)	3

TOTAL 46-47

Recommended Courses (optional)

- *Plants and Civilizations
- *World Interdependence—Population and Food
- *Integrated Pest Management
- *Agricultural & Resource Enterprise Analysis
- *Agricultural Marketing
- *Agricultural Policy
- *Sustainable Food Issues
- *Greenhouse Management
- *Horticultural Food Crops (other 3 modules not taken)
- *Horticultural Crop Production
- *Environmental Requirements of Horticultural Plants
- *Medicinal and Value-Added Uses of Plants
- *Agricultural Ethics
- *Environmental Ethics
- *Food and Society
- *Sociology of Rural Life
- *Agriculture and Global Society
- *Sociology of Water Resources
- *Soil Fertility Management Lab
- *Irrigation Principles and Management
- *Crop and Soil Management Systems

For more information or to enroll contact one of the program advisors:

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Interdisciplinary Minor in Organic Agriculture



When one tugs at a single thing in nature, he finds it attached to the rest of the world.

-John Muir

Does this program fit your interests?

Are you interested in organic foods?

Are you concerned about the environment?

Do you want to learn how to grow food in a sustainable system?

Are you interested in learning about alternatives to conventional agriculture?

If you answered yes to any of these questions you may want to look at a new interdisciplinary Minor in Organic Agriculture at Colorado State University. In an interdisciplinary minor students can complete a degree in any major and take additional courses to satisfy minor requirements. Successful completion of the Minor in Organic Agriculture is recorded on the student's official university transcript and diploma. Students who are majors in Horticulture (Food Crops), Soil & Crop Sciences or similar majors may complete this program with as little as 13-14 additional credits if appropriate courses are selected starting in the freshmen or sophomore years. The program builds on a base of fundamental agricultural sciences with additional courses specifically focused on organic agriculture production techniques and decision-making.

Theory Precedes Skill

Three new courses and 5 new 1-credit modules have been developed to give students the background and knowledge to understand successful organic crop production

NEW COURSES:

- **Environmental Issues in Agriculture
- **Diagnostics in Organic Systems
- **Topics in Organic Agriculture

NEW MODULES:

- ** Microbiology for Sustainable Agriculture
- **Organic Soil Fertility
- **Composting Principles & Practice
- **Introduction to Crop Development Techniques
- **Organic Greenhouse Production

In addition, an internship in organic system research, production, or marketing is required.



Knowledge from Experience

Hands-on experience is critical to understanding and successful implementation of the integrated approach of organic agriculture. This can be obtained by working in the student run organic garden on campus and by employment with the local organic industry or in the Specialty Crops Program in the Dept of Horticulture. Several courses, most notably the Diagnosis and Treatment in Organic Fields, provide the opportunity to directly participate in identifying, and addressing the challenges associated with organic food production.



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