

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 Ecology	1
*Organic Soil Fertility	1
*Composting Principles & Practice	1
*Introduction to Crop Development Techniques	1
* Organic Greenhouse Production	1
* Diagnosis and Treatment in Organic Fields	2
* Topics in Organic Agriculture	3

Choose one of the following two courses:

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

TOTAL 46-47

Recommended Courses (optional)

- *Plants and Civilizations
- *World Interdependence—Population and Food
- *Integrated Pest Management
- *Ag&Res Enterprise Analysis
- *Agricultural Marketing
- *Agricultural Policy
- *Sustainable Food Issues
- *Greenhouse Management
- *Horticultural Food Crops (other 3 modules not taken above)
- *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 I
- * Crop and Soil Management Systems II

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

Dr. Jessica Davis
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OR

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Interdisciplinary Program 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 natural foods?

Are you concerned about the environment?

Do you want to grow food in a sustainable system?

Are you looking for alternatives to conventional agriculture?

If you answered yes to any of these questions you may want to look at a new interdisciplinary program at Colorado State University—**Organic Agriculture**. In an interdisciplinary program students can complete a degree in any major but take additional courses to satisfy program requirements. Successful completion of the Program in Organic Agriculture is recorded on the student's official transcript. 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 five new 1-credit module courses have been developed to give students the background and knowledge to understand successful organic production.

NEW COURSES:

- **SC/H 171—Environmental Issues in Agriculture
- **SC/H 345—Diagnosis and Treatment in Organic Fields
- **SC/H 424—Topics in Organic Agriculture

NEW 1-CREDIT MODULES:

- **Soil Ecology
- **Organic Soil Fertility
- **Composting Principles & Practice
- **Introduction to Crop Development Techniques,
- **Organic Greenhouse Production.

In addition, an internship in organic crop research, production is required.



Knowledge from Experience

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



Colorado State University

Knowledge is Our Power