ORGANIC AGRICULTURE INTERDISCIPLINARY MINOR

Contact information:
agsci.colostate.edu/organic/ (https://agsci.colostate.edu/organic/)

Department of Soil and Crop Sciences
Adriane Elliott (Adriane.Elliott@ColoState.EDU), (970) 491-6984, Plant Sciences C110

Department of Horticulture and Landscape Architecture
Dr. Mark Uchanski (Mark.Uchanski@colostate.edu), (970) 491-4885, University Services Center 419

Coordinated by a Faculty Advisory Board

The Organic Agriculture Interdisciplinary Minor is designed for students with an interest in alternative agricultural production approaches, in particular, organic agriculture. The focus of this program is on the science of organic agriculture with additional courses specifically focused on organic agriculture production techniques, business management, marketing, and decision making. Experiential learning is a critical part of this field of study and found in many levels in discussions, laboratories, and, most importantly, internship experiences.

The program is a cooperative effort of four departments: Agricultural and Resource Economics, Bioagricultural Sciences and Pest Management, Horticulture and Landscape Architecture, and Soil and Crop Sciences. Although participating students will take courses from all four departments, they will receive their degree from their home department, and completion of requirements for the interdisciplinary minor will be noted on their transcript.

Program details are available from Adriane Elliott (Adriane.Elliott@ColoState.EDU) and Mark Uchanski (Mark.Uchanski@colostate.edu). For more information, visit our website. (https://agsci.colostate.edu/organic/)

Requirements
Effective Fall 2019

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Additional coursework may be required due to prerequisites.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AREC 202</td>
<td>Agricultural and Resource Economics (GT-SS1)</td>
<td>3</td>
</tr>
<tr>
<td>AREC 328</td>
<td>Small Agribusiness Management</td>
<td>3</td>
</tr>
<tr>
<td>FSHN 150</td>
<td>Survey of Human Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>HORT 100</td>
<td>Horticultural Science</td>
<td>4</td>
</tr>
<tr>
<td>or SOCR 100</td>
<td>General Crops</td>
<td></td>
</tr>
<tr>
<td>HORT 171/SOCR 171</td>
<td>Environmental Issues in Agriculture (GT-SS3)</td>
<td>3</td>
</tr>
<tr>
<td>SOCR 240</td>
<td>Introductory Soil Science</td>
<td>4</td>
</tr>
<tr>
<td>SOCR 345/HORT 345</td>
<td>Diagnosis and Treatment in Organic Fields</td>
<td>2</td>
</tr>
<tr>
<td>SOCR 350</td>
<td>Soil Fertility Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Select two of the following three groups: 6-7 credits

Group A (3-4 credits):
- BSPM 302 Applied and General Entomology
- BSPM 303A Entomology Laboratory: General
- or BSPM 303B Entomology Laboratory: Horticultural
- or BSPM 303C Entomology Laboratory: Agricultural

Group B (3 credits):
- BSPM 308 Ecology and Management of Weeds

Group C (3 credits):
- BSPM 361 Elements of Plant Pathology

Select one course from the following: 3 credits
- HORT 451 Vegetable Crop Management
- HORT 453 Principles of Fruit Crop Management

Select one course from the following: 3 credits
- LAND 220/LIFE 220 Fundamentals of Ecology (GT-SC2)
- LIFE 320 Ecology
- NR 120A Environmental Conservation (GT-SC2)

Select four credits from the following: 4 credits
- HORT 344 Organic Greenhouse Production
- SOCR 341 Microbiology for Sustainable Agriculture
- SOCR 343 Composting Principles and Practices
- SOCR 344 Crop Development Techniques
- SOCR 415/BSPM 415 Pollinator Management in Agroecosystems

Program Total Credits: 47-48