ENVIRONMENTAL AGRICULTURE OPTION

This option is offered within the following major(s):

- Environmental Sciences - College of Earth, Ocean, and Atmospheric Sciences (http://catalog.oregonstate.edu/college-departments/earth-ocean-atmospheric-sciences/environmental-sciences-bs-hbs)

Also available Via Ecampus (http://ecampus.oregonstate.edu).

The Environmental Agriculture option has a core of agricultural sciences courses and includes a variety of course possibilities in the areas of agricultural ecology and production, as well as societal issues related to agriculture and environmental science.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>SOIL 205</td>
<td>SOIL SCIENCE</td>
<td>3-4</td>
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<tr>
<td>&amp; SOIL 206</td>
<td>and *SOIL SCIENCE LABORATORY FOR SOIL 205</td>
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<td>or SOIL 395</td>
<td>*WORLD SOIL RESOURCES</td>
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### Environmental Agriculture Core

Select a minimum of 6-8 credits of the following: 6-8

- AGRI 411 *INTRODUCTION TO FOOD SYSTEMS: LOCAL TO GLOBAL
- ANS 121 *INTRODUCTION TO ANIMAL SCIENCES
- CROP 280 INTRODUCTION TO THE COMPLEXITY OF OREGON CROPPING SYSTEMS
- CROP 300 CROP PRODUCTION IN PACIFIC NORTHWEST AGROECOSYSTEMS
- or HORT 300 CROP PRODUCTION IN PACIFIC NORTHWEST AGROECOSYSTEMS
- or CROP 200 CROP ECOLOGY AND MORPHOLOGY
- ENT 311 INTRODUCTION TO INSECT PEST MANAGEMENT
- HORT 260 ORGANIC FARMING AND GARDENING
- HORT 301 GROWTH AND DEVELOPMENT OF HORTICULTURAL CROPS
- HORT 318 *APPLIED ECOLOGY OF MANAGED ECOSYSTEMS

### Ecology and Production

Select a minimum of 9 credits of the following: 9

- AGRI 438 EXPLORING WORLD AGRICULTURE
- ANS 215 BEEF/DAIRY INDUSTRIES
- ANS 216 SHEEP/SWINE INDUSTRIES
- ANS 217 POULTRY INDUSTRIES
- BEE 439 IRRIGATION PRINCIPLES AND PRACTICES
- BOT 313 PLANT STRUCTURE
- BOT 350 INTRODUCTORY PLANT PATHOLOGY
- CROP 310 FORAGE PRODUCTION
- CROP 319 PRINCIPLES OF FIELD CROP PRODUCTION
- CROP 440 WEED MANAGEMENT
- ENT 322 HONEY BEE BIOLOGY AND BEEKEEPING
- FES 350 URBAN FORESTRY (Ecampus only)
- or HORT 350 URBAN FORESTRY
- FES 477 *AGROFORESTRY
- or NR 477 *AGROFORESTY

### Societal Issues

Select a minimum of 6 credits of the following: 6

- AEC 372 AGRICULTURAL COOPERATIVES
- AEC 442 AGRICULTURAL BUSINESS MANAGEMENT
- ANS 315 *CONTENTIOUS SOCIAL ISSUES IN ANIMAL AGRICULTURE
- ANTH 361 *FOOD JUSTICE
- ANTH 486 ANTHROPOLOGY OF FOOD
- CROP 330 *WORLD FOOD CROPS
- ENT 331 *POLINATORS IN PERIL
- or HORT 331 *POLINATORS IN PERIL
- FES 435 *GENES AND CHEMICALS IN AGRICULTURE: VALUE AND RISK
- or TOX 435 *GENES AND CHEMICALS IN AGRICULTURE: VALUE AND RISK
- GEOG 432 *GEOGRAPHY OF FOOD AND AGRICULTURE
- HORT 319 RESTORATION HORTICULTURE (Ecampus only)
- HORT 330 *PLAUGES, PESTS, AND POLITICS
- or ENT 300 *PLAUGES, PESTS, AND POLITICS
- SUS 350 *SUSTAINABLE COMMUNITIES

400-level CROP, ENT, HORT courses may be added in consultation with an advisor

### Total Hours

24-27

* Baccalaureate Core Course (BCC)
^ Writing Intensive Course (WIC)

**Option Code: 849**