

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.

Option Code: 849

Code	Title	Credits
Core		
Select a minimum of 6-8 credits from the following:		6-8
AGRI 411	*INTRODUCTION TO FOOD SYSTEMS: LOCAL TO GLOBAL	
ANS 121	*INTRODUCTION TO ANIMAL SCIENCES	
BI 311	GENETICS	
CROP 280	INTRODUCTION TO THE COMPLEXITY OF OREGON CROPPING SYSTEMS	
CROP 300/HORT 300 or CROP 200	CROP PRODUCTION IN PACIFIC NORTHWEST AGROECOSYSTEMS CROP ECOLOGY AND MORPHOLOGY	
CSS 205 or SOIL 205 & SOIL 206	*SOIL SCIENCE SOIL SCIENCE and *SOIL SCIENCE LABORATORY FOR SOIL 205	
ENT 311	INTRODUCTION TO INSECT PEST MANAGEMENT	
HORT 260	ORGANIC FARMING AND GARDENING	
HORT 301	GROWTH AND DEVELOPMENT OF HORTICULTURAL CROPS	
SOIL 395	**WORLD SOIL RESOURCES	
Ecology and Production		
Select a minimum of 9 credits from the following:		9
AGRI 438	EXPLORING WORLD AGRICULTURE	
ANS 215	BEEF/DAIRY INDUSTRIES	
ANS 216	SMALL RUMINANT/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 440	WEED MANAGEMENT	
ENT 322	HONEY BEE BIOLOGY AND BEEKEEPING	
FES 350/HORT 350	URBAN FORESTRY	
FES 477/NR 477	*AGROFORESTRY	
HORT 226	LANDSCAPE PLANT MATERIALS I: DECIDUOUS HARDWOODS AND CONIFERS	
HORT 228	LANDSCAPE PLANT MATERIALS II: SPRING FLOWERING TREES AND SHRUBS	
HORT 285	PERMACULTURE DESIGN AND THEORY: CERTIFICATE COURSE	
HORT 311	PLANT PROPAGATION	
HORT 314	PRINCIPLES OF TURFGRASS MAINTENANCE	
HORT 315	SUSTAINABLE LANDSCAPES: MAINTENANCE, CONSERVATION, RESTORE	
HORT 316	PLANT NUTRITION	
HORT 351	FLORICULTURE AND GREENHOUSE SYSTEMS	

HORT 361	PLANT NURSERY SYSTEMS	
HORT 380	SUSTAINABLE LANDSCAPE DESIGN	
PBG 431	PLANT GENETICS RECITATION	
RNG 442	RANGELAND-ANIMAL RELATIONS	
Societal Issues		
Select a minimum of 6 credits from the following:		6
AEC 372	AGRICULTURAL COOPERATIVES	
AEC 442	AGRICULTURAL BUSINESS MANAGEMENT	
ANS 315	*CONTENTIOUS SOCIAL ISSUES IN ANIMAL AGRICULTURE	
ANTH 361/FCSJ 361	*FOOD JUSTICE	
ANTH 486/FCSJ 486	ANTHROPOLOGY OF FOOD	
CROP 330	*WORLD FOOD CROPS	
ENT 331/HORT 331	*POLLINATORS IN PERIL	
FES 435/TOX 435	*GENES AND CHEMICALS IN AGRICULTURE: VALUE AND RISK	
GEOG 432	*GEOGRAPHY OF FOOD AND AGRICULTURE	
HORT 319	RESTORATION HORTICULTURE	
HORT 330/ENT 300	*PLAGUES, PESTS, AND POLITICS	
SUS 350	*SUSTAINABLE COMMUNITIES	
400-level CROP, ENT, HORT courses may be added in consultation with an advisor		
Total Credits		21-23

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Baccalaureate Core Course (BCC)

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Writing Intensive Course (WIC)

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