

# ENVIRONMENTAL HORTICULTURE MAJOR, B.S.

Course	Title	Credits
<b>General Requirements</b>		
General Requirements ( <a href="https://catalog.uwplatt.edu/undergraduate/degree-requirements/bachelor-of-science-degree-core-curriculum/">https://catalog.uwplatt.edu/undergraduate/degree-requirements/bachelor-of-science-degree-core-curriculum/</a> )		40-53
School of Agriculture Core ( <a href="https://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/agriculture/#soa-core">https://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/agriculture/#soa-core</a> )		12
<b>Required Courses</b>		
SCSCI 2230	Soils	4
ENVHORT 2280	Woody Landscape Plants	3
ENVHORT 3240	Herbaceous Plants	2
ENVHORT 3320	Sustainable Landscape Management	3
SCSCI 4340	Plant Physiology	3
BIOLOGY 4530	Plant Pathology	3
BIOLOGY 1350	General Botany (required natural science)	5
CHEMISTRY 1050 or CHEMISTRY 1140	Survey of General Chemistry (required natural science) General Chemistry I	5
<b>Electives</b>		
Select 15 credits of the following:		15
BIOLOGY 3330	Genetics	
BIOLOGY 3550	Morphology and Evolution of Vascular Plants	
BIOLOGY 3650	Plant Communities of Wisconsin	
ENVHORT 3230	Turfgrass Management	
ENVHORT 3270	Landscape Design	
ENVHORT 3280	Landscape Construction	
ENVHORT 3300	Fruit and Vegetable Crop Management	
ENVHORT 3370	Undergraduate Research in Environmental Horticulture	
ENVHORT 3400	Special Topics in Environmental Horticulture	
ENVHORT 4260	Interior Plants	
ENVHORT 4270	Advanced Landscape Design	
ECORES 1010	Introduction to Ecological Restoration and Resource Management	
ECORES 3020	Restoration Revegetation	
SCSCI 3200	Integrated Pest Management	
SCSCI 3220	Plant Development and Biotechnology	
SCSCI 3340	Soil Nutrient Management	
SCSCI 3350	Soil Fertility and Fertilizers	
SCSCI 4240	Plant Breeding	
SCSCI 4250	Weed Science	
<b>Emphasis</b>		
Select an emphasis from the following		24-60
<b>Total Credits</b>		<b>119-168</b>

## AREAS OF EMPHASIS

### GREENHOUSE AND GARDEN CENTER MANAGEMENT EMPHASIS

Course	Title	Credits
<b>Required Courses</b>		
ENVHORT 3360	Greenhouse Operation and Management	3
AGBUS 1500 or BUSADMIN 1300	Introduction to Agribusiness Global Business	3
<b>Environmental Horticulture Electives</b>		
Select 21-24 credits of the following:		21-24
SCSCI 3200	Integrated Pest Management	

SCSCI 3220	Plant Development and Biotechnology
ENVHORT 3230	Turfgrass Management
ENVHORT 3270	Landscape Design
ENVHORT 3280	Landscape Construction
ENVHORT 3300	Fruit and Vegetable Crop Management
ENVHORT 3320	Sustainable Landscape Management
ENVHORT 3370	Undergraduate Research in Environmental Horticulture
ENVHORT 3400	Special Topics in Environmental Horticulture
SCSCI 4250	Weed Science
ENVHORT 4270	Advanced Landscape Design
BIOLOGY 3330	Genetics
BIOLOGY 3650	Plant Communities of Wisconsin
ECORES 3020	Restoration Revegetation

**Business and Marketing Electives**

Select 12-15 credits of the following: 12-15

ACCTING 2010	Financial Accounting
AGBUS 2430	Agricultural Marketing
AGBUS 3410	Agricultural Consulting and Sales
AGBUS 3420	Agricultural Finance
AGBUS 4330	Agribusiness Marketing Management
BUSADMIN 2330	Leadership and Management
BUSADMIN 2630	Introduction to Marketing
BUSADMIN 3030	Introduction to Human Resource Management
BUSADMIN 3230	Small Business Management
BUSADMIN 3340	Management, Gender & Race
BUSADMIN 3630	Advertising
BUSADMIN 4200	Talent Acquisition
COMPUTER 1830	Microcomputer Applications
BUSADMIN 2010	Business Communication

**Total Credits** 39-45**PROFESSIONAL LANDSCAPE MANAGEMENT EMPHASIS**

Course	Title	Credits
<b>Required Courses</b>		
ENVHORT 3230	Turfgrass Management	3
ENVHORT 3270	Landscape Design	3
ENVHORT 3280	Landscape Construction	3
SCSCI 3200	Integrated Pest Management	3
SCSCI 3350	Soil Fertility and Fertilizers	3
SCSCI 4250	Weed Science	3

**Professional Landscape Management Electives**

Select 15-21 credits of the following 15-21

AGET 1750	Equipment, Structure and Power Systems
AGET 3830	Engines and Tractor Systems
AGET 3850	Electrical Applications in Agriculture
AGET 3950	Soil and Water Conservation Engineering
BIOLOGY 3330	Genetics
BIOLOGY 3450	Ecology and Evolution
BIOLOGY 3550	Morphology and Evolution of Vascular Plants
BIOLOGY 3650	Plant Communities of Wisconsin
ENVHORT 3300	Fruit and Vegetable Crop Management
ENVHORT 3360	Greenhouse Operation and Management

ENVHORT 3370	Undergraduate Research in Environmental Horticulture
ENVHORT 3400	Special Topics in Environmental Horticulture
ENVHORT 4260	Interior Plants
ENVHORT 4270	Advanced Landscape Design
ENVSS 2230	Cartography
AETM 1130	Wood Technology
AETM 1260	Building Construction Drafting
ECORES 3020	Restoration Revegetation
SCSCI 3220	Plant Development and Biotechnology
SCSCI 3340	Soil Nutrient Management

#### Landscape Management Business Electives

Select 3-9 credits of the following: 3-9

ACCTING 2010	Financial Accounting
AGBUS 1500	Introduction to Agribusiness
AGBUS 2430	Agricultural Marketing
AGBUS 3410	Agricultural Consulting and Sales
AGBUS 3420	Agricultural Finance
AGBUS 4330	Agribusiness Marketing Management
BUSADMIN 1300	Global Business
BUSADMIN 2330	Leadership and Management
BUSADMIN 2630	Introduction to Marketing
BUSADMIN 3030	Introduction to Human Resource Management
BUSADMIN 3230	Small Business Management
BUSADMIN 3340	Management, Gender & Race
BUSADMIN 3630	Advertising
BUSADMIN 4200	Talent Acquisition
BUSADMIN 2010	Business Communication
COMPUTER 1830	Microcomputer Applications

**Total Credits** 36-48

### PLANT BREEDING AND GENETICS EMPHASIS

Course	Title	Credits
<b>Required Courses</b>		
ENVHORT 3360	Greenhouse Operation and Management	3
SCSCI 3220	Plant Development and Biotechnology	4
SCSCI 4240	Plant Breeding	4
BIOLOGY 3330	Genetics	3
BIOLOGY 3530	Biotechnology	3
CHEMISTRY 1240	General Chemistry II	4
<b>Breeding and Genetics Electives <sup>1</sup></b>		
Select 15-21 credits of the following: 15-21		
BIOLOGY 2040	Cell Biology	
BIOLOGY 3240	Microbiology	
BIOLOGY 3550	Morphology and Evolution of Vascular Plants	
BIOLOGY 3650	Plant Communities of Wisconsin	
BIOLOGY 4040	Molecular Biology	
CHEMISTRY 3510	Organic Chemistry I Lab	
CHEMISTRY 3540	Organic Chemistry I	
CHEMISTRY 4610	General Biochemistry Lab	
CHEMISTRY 4630	General Biochemistry	
ENVHORT 3230	Turfgrass Management	
ENVHORT 3270	Landscape Design	

ENVHORT 3280	Landscape Construction	
ENVHORT 3300	Fruit and Vegetable Crop Management	
ENVHORT 3320	Sustainable Landscape Management	
ENVHORT 3370	Undergraduate Research in Environmental Horticulture	
ENVHORT 3400	Special Topics in Environmental Horticulture	
ENVHORT 4260	Interior Plants	
ENVHORT 4270	Advanced Landscape Design	
SCSCI 3200	Integrated Pest Management	
SCSCI 3340	Soil Nutrient Management	
SCSCI 3350	Soil Fertility and Fertilizers	
SCSCI 4250	Weed Science	
<b>Environmental Horticulture Breeding and Genetics Business and Marketing Electives</b>		
Select 3-9 credits of the following:		3-9
AGBUS 1500	Introduction to Agribusiness	
AGBUS 2430	Agricultural Marketing	
AGBUS 4330	Agribusiness Marketing Management	
BUSADMIN 2330	Leadership and Management	
BUSADMIN 2630	Introduction to Marketing	
BUSADMIN 3030	Introduction to Human Resource Management	
BUSADMIN 3230	Small Business Management	
BUSADMIN 4200	Talent Acquisition	
BUSADMIN 2010	Business Communication	
COMPUTER 1830	Microcomputer Applications	
<b>Total Credits</b>		<b>39-51</b>

<sup>1</sup> Electives may not be used used to fulfill requirements for environmental horticulture major.

## INTERNATIONAL EMPHASIS

Course	Title	Credits
<b>Required Courses</b>		
ENVHORT 3360	Greenhouse Operation and Management	
AGBUS 2330	World Population, Food and Resources	
ENGLISH 3260	Language and Culture	
Select one of the following:		3
BUSADMIN 1300	Global Business	
BUSADMIN 3720	International Marketing	
BUSADMIN 4940	Special Problems	
<b>International Experience</b>		
Select one International Experience Course: <sup>2</sup>		3-12
Study abroad experience		
One-on-one exchange experience		
Faculty-led international experience		
<b>Environmental Horticulture Electives</b>		
Select 4 credits of the following:		4
SCSCI 3200	Integrated Pest Management	
SCSCI 3220	Plant Development and Biotechnology	
SCSCI 3340	Soil Nutrient Management	
SCSCI 3350	Soil Fertility and Fertilizers	
SCSCI 4240	Plant Breeding	
SCSCI 4250	Weed Science	
ENVHORT 3230	Turfgrass Management	
ENVHORT 3270	Landscape Design	

ENVHORT 3280	Landscape Construction
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ENVHORT 3370	Undergraduate Research in Environmental Horticulture
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ENVHORT 4260	Interior Plants
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BIOLOGY 3330	Genetics
BIOLOGY 3650	Plant Communities of Wisconsin
ECORES 1010	Introduction to Ecological Restoration and Resource Management
ECORES 3020	Restoration Revegetation

#### International Electives

Students may select any global studies course not already used to fulfill the general education global studies requirement and/or a world languages course beyond the second semester. 3-12

#### Total Credits

13-31

<sup>2</sup> Any international experience that is to be counted as credit(s) toward this emphasis must be agreed upon by the student and academic advisor prior to the experience. Of these 3-12 credits, at least three credits must have been agriculturally related or adequately related to the student's major.