

HORTICULTURE EMPHASIS, AS - WITH OREGON STATE UNIVERSITY

Program Code: AS.OSUGENHORT

Students receiving an Associate of Science with an emphasis in horticulture will be prepared to transfer into upper division courses to complete a Bachelor of Science degree in General Horticulture to Oregon State University. Courses establish a foundation in chemistry, biology and horticulture science/practices.

For information contact April Chastain, Horticulture Advisor,
503-594-3055 or april.chastain@clackamas.edu

Outcomes

Program Outcomes

Upon successful completion of this program, students should be able to:

- communicate complex ideas by demonstrating an ability to gather and analyze data, construct evidence-based arguments and critically evaluate information;
- demonstrate an understanding of how horticulture integrates with contemporary social and environmental issues;
- apply critical thinking to assess a horticulture system: diagnose problems and recommend solutions;
- identify common woody and herbaceous plants in the landscape.

Requirements

Course	Title	Credits
First Year		
Fall Term		
CH-221	General Chemistry	5
HOR-226	Plant Identification/Fall ¹	4
WR-121	English Composition	4
Horticulture Production & Management Electives (p. 2)		3
Credits		16
Winter Term		
Select one of the following: 3-4		
BA-177	Payroll Accounting	
BA-223	Principles of Marketing	
BA-250	Small Business Management	
BA-251	Supervisory Management	
CH-222	General Chemistry	5
WR-122	English Composition	4
or WR-227	or Technical Report Writing	
Horticulture Production & Management Electives (p. 2)		3
Credits		15-16
Spring Term		
CH-223	General Chemistry	5
HOR-112	Horticulture Career Exploration	2
HOR-228	Plant Identification/Spring ¹	4
HPE-295	Health & Fitness for Life	3

Course	Title	Credits
Horticulture Production & Management Electives (p. 2)		
Credits		17
Second Year		
Fall Term		
BI-211	General Biology for Science Majors (Cellular Biology)	5
SPN-101	First-Year Spanish I	4
Select one of the following:		3-4
ART-204	History of Art/Ancient Through Medieval	
ART-205	History of Art/Romanesque Through Baroque	
ART-206	History of Art/Enlightenment Through Contemporary	
ENG-104	Introduction to Literature: Fiction	
ENG-105	Introduction to Literature: Drama	
ENG-106	Introduction to Literature: Poetry	
MUS-105	Music Appreciation	
Select one of the following:		4
HST-201	History of the United States	
HST-202	History of the United States	
HST-203	History of the United States	
SOC-225	Social Problems	
Credits		16-17
Winter Term		
BI-212	General Biology for Science Majors (Animal Biology)	5
MTH-112	Trigonometry and Pre-Calculus	5
Select one of the following:		4
ANT-231	Native Americans of the Pacific Northwest	
GEO-110	Cultural & Human Geography	
R-101	Judaism and Foundations of Religion	
R-102	Christianity and Islam	
R-103	Asian Religions	
Select one of the following:		4
EC-201	Principles of Economics: MICRO	
PS-201	American Government and Politics	
SOC-206	Institutions & Social Change	
Credits		18
Spring Term		
BI-213	General Biology for Science Majors (Plant Biology & Ecology)	5
COMM-111	Public Speaking	4
or COMM-218	or Interpersonal Communication	
HOR-215	Herbaceous Perennials	3
HST-103	History of Western Civilization	4
or PHL-102	or Ethics	
Credits		16
Total Credits		98-100

¹ HOR-227 Plant Identification/Winter may be substituted for HOR-226 Plant Identification/Fall or HOR-228 Plant Identification/Spring. See Horticulture advisor for other possible substitutions

Horticulture Production & Management Electives

Code	Title	Credits
HOR-122	Greenhouse I	3
HOR-123	Landscape Maintenance	3
HOR-124	Food Harvest	3
HOR-131	Tree & Shrub Pruning	3
HOR-220		3
HOR-224	Landscape Installation	3
HOR-225	Arboriculture I	3
HOR-231	Irrigation Design	3
HOR-236	Insect Identification	2
HOR-237	Disease Identification	2
HOR-240	Irrigation Practices	3
HOR-246	Organic Farming and Gardening	2