College of Agriculture and Life Sciences – School of Plant and Environmental Sciences Bachelor of Science in Environmental Horticulture (EHRT) For students entering under UG Catalog 2021-2022



Pathways to General Education (42-45 credits)	Common Degree Core Requirements (21 credits)	
1. Discourse	(1) ALS 1234: CALS First Year Seminar – F	
(3, foundational) ENGL 1105: First-Year Writing – F, S, SI	(3) *CHEM 1036: General Chemistry – F, S, SI, SII	
(3, foundational) ENGL 1106: First-Year Writing – F, S, SI, SII	(3) CSES 3134: Soils in the Landscape – S <u>or</u> *CSES/ENSC 3114: Soils - F	
(3, advanced/applied) COMM 2004: Public Speaking – F, S, W, SI, SII	(3) ENT 4254: Insect Pest Management – S	
2. Critical Thinking in the Humanities	(3) *HORT/BIOL 2304: Plant Biology – F, S	
(3) F, S, W, SI, SII	(2) HORT 2224: Horticulture Science & Industr – F	
(3) F, S, W, SI, SII	(3) HORT 2234: Envir Factors in Hort – S	
3. Reasoning in the Social Sciences	(3) HORT 2244: Plant Propagation – S	
(3) AAEC 1005: Econ Food Fiber Sys <u>or</u> ECON 2005: Principles of		
Economics – F, S	Major Specific Requirements (16 credits minimum)	
(3) F, S, W, SI, SII	(3) HORT 4324: Greenhouse Management – F	
4. Reasoning in the Natural Sciences	(4) *PPWS 4104: Plant Pathology - F	
(3) BIOL 1105: Principles of Biology – F, W, SI	Plant Materials - select two of the following courses:	
(3) CHEM 1035: General Chemistry – F, S, SI, SII	(3) *HORT 3325: Woody Landscape Plants - F	
5. Quantitative and Computational Thinking	(3) *HORT 3326: Woody Landscape Plants – S	
(3, foundational) - MATH 1014: Precalc with Transcendental – F, S, SI, SII	(3) *HORT 3324: Herbaceous Landscape Plants – F	
(3, foundational) F, S, W, SI, SII	Sustainability - select one of the following courses:	
(3, advanced) F, S, W, SI, SII	(3) *HORT/FREC 2134: Plants & Greenspaces Urban Com – F, W	
6. Critique and Practice in Design and the Arts	(3) HORT 2834: Sustainable Ag Practicum – F, S	
(3, design) - HORT 2164: Floral Design - F, S, W, SI, SII	(3) HORT 2184: Plants Places Culture Globally – S	
(3, arts) F, S, W, SI, SII		
7. Critical Analysis of Identity and Equity in the United States	Restricted Electives (minimum 23 credits)	
(may be double-counted with another core concept)	From approved courses listed on reverse or any other HORT 2XXX or higher	
(3) F, S, W, SI, SII	()	
Business Requirement (9 credits minimum)	()	
(3) *AAEC 2434: Foundations of Agribusiness – F, S	()	
(3) *AAEC/MGT 3454: Small Bus Mgt and Ent - S	()	
Select one of the following courses:	()	
(3) *HORT 4614: Ornamental Plant Prod & Market - S	()	
(3) AAEC 2XXX level or higher	()	
Free Electives (number needed to complete 120 credits)		
()	()	

(3) *AAEC 3204: Intl Agri Dvlp & Trad - F	(2) ENT 2254: Bees and Beekeeping - S	
(3) AAEC 3314: Environmental Law	(1) ENT 2264: Bees and Beekeeping Laboratory – S	APPROVED
(3) AAEC 3604: Agricultural Law – F	(3) *ENT 4264: Pesticide Usage – S	University Registra
(3) *AAEC 4204: Food and Agricultural Policy – F	(3) FREC 4454: Urb and Community Forestry – S	
(3) *AAEC 4404: Ag Mgmt & Prob Solv – S	(2) FST 2014: Introduction to Food Science – F	
(3) ALS 2204: Intro Civic Agriculture – F	(3) HORT 2144: Indoor Plants – F	
(3) ALS 3404: Ecological Agriculture – F	(3) HORT 2834: Sustainable Ag Practicum – F, S	
(3) BIOL 1106: Principles of Biology - S	(3) HORT/FST 3114: Wines and Vines – S	
(1) (1) BIOL 1115, 1116: Principles of Biol Lab – F, S	(3) *HORT/FREC 3354: Trees in the Built Environment –	F
(3) *BIOL 2004: Genetics – F, S	(2) HORT 3664: Hardscape Materials & Instal - F	
(3) *BIOL 3204: Plant Taxonomy – S	(2) *HORT 4504: Landscape Contracting – F	
(3) *BSE 2484: Engines Power Train – F, S	(4) *HORT 4545: Res Landscape Design – F	
(1) *CHEM 1045: General Chemistry Laboratory – F, S	(4) *HORT 4546: Res Landscape Design – S	
(1) *CHEM 1046: General Chemistry Laboratory - S, SI, SII	(3) *HORT 4654: Viticulture - S	
(3) *CHEM 2535: Organic Chemistry – F, S, SI	(3) *HORT 4764: Vegetable Crops – F, S	
(3) *CHEM 2536: Organic Chemistry – F, S	(3) *HORT 4784: Vegetable Seed Production – S	
(1) *CHEM 2545: Organic Chemistry Laboratory – F, S	(3) *HORT 4794: Medicinal Plants and Herbs – F	
(1) *CHEM 2546: Organic Chemistry Laboratory – S, SI	(3) *HORT 4064: Soil Microbiology - F	
(3) CSES 2444: Agronomic Crops – F	(1) HORT 4205: Pub Garden Maint & Mgt – F	
(3) CSES 2564: Turfgrass Management – F	(1) HORT 4206: Pub Garden Maint & Mgt – S	
(3) CSES/HORT 3444: World Crops & Systems – S	(3) MGT 3304: Mgt Th & Lead Pract – F, S	
(3) *CSES 4214: Soil Fertility and Management – F	(3) SPAN 1105: Elementary Spanish – F, S	
<u> </u>	(3) SPAN 1106: Elementary Spanish – F, S	

Total Hours Required: 120

*Some courses listed on the checksheet may have prerequisites; please consult the University Course Catalog or check with your advisor.

F (fall), S (spring), W (winter), SI (summer I), and SII (summer II) let students know the term the course is offered – when a course is offered is subject to change so always check the course catalog.

NOTE:

By the end of the academic year in which the student has attempted 60 credits (including transfer, advanced placement, advanced standing and credit by examination), "satisfactory progress" toward a B.S. degree in HORT will include:

- 1. At least 24 credits that apply to the Pathways of General Education
- 2. Passing the following courses:

MATH 1014, CHEM 1035 and 1036, HORT 2224 or 2234 or 2244, 6 additional HORT courses, 6 credits from CSES/ENSC 3134 or 3114, ENT 4254, PPWS 4104

GPA Requirements:

- Overall GPA: 2.0 (each semester in order to be in good academic standing)
- In-major GPA: 2.0 (by the time the student graduates)
 - o Includes classes in: CSES, ENT, HORT, and PPWS

Language Study Requirement: A sequence of <u>two foreign language courses</u> is required unless two years of the same high school foreign language or 6 transfer credits of the same foreign language are completed. These credits **do not** count toward graduation requirements.