

College of Agriculture and Life Sciences – Bachelor of Science in Horticulture

For students graduating calendar year 2021

ADVISING FORM -- Environmental Horticulture Major -- ADVISING FORM

**MATH & NATURAL SCIENCE (18 CREDITS)**

___	BIOL 1105	(3)	Principles of Biology	f
___	HORT/BIOL 2304	(3)	Plant Biology*	f,s
___	CHEM 1035, 1036	(6)	General Chemistry	f,s
___	MATH 1014 or 1525	(3)	Precalc w Trans Functions	f,s
___	MATH 1025 or 1526	(3)	Elem Calc w Matrices	f,s

**HUMANITIES & SOCIAL SCIENCES (25 CREDITS)**

___	AAEC 1005	(3)	Econ of the Food & Fiber Sys	f,s
___	or ECON 2005	(3)	Principles of Economics	f,s
___	ENGL 1105, 1106	(6)	First-Year Writing	f,s
___	COMM 2004	(3)	Public Speaking	f,s
___	or ALCE 3634	(3)	Comm Ag & Life Sci in Speaking	f,s
___	Area 2 (Ideas, Cult. Trad.) - selected from approved list			
___	_____	(3)	_____	
___	Area 3 (Soc & Human Behavior) - selected from approved list			
___	_____	(3)	_____	
___	Area 6 (Creativity/Aesthetic Exp.) - selected from approved list			
___	_____	(1)	_____	
___	Area 7 (Global Context) - selected from approved list			
___	_____	(3)	_____	
(Area 7 course may also apply toward another Area)				

**BUSINESS REQUIREMENT (9 CREDITS)**

___	AAEC 2434	(3)	Foundations of Agribusiness*	f,s
___	AAEC 3454	(3)	Small Bus Mgt & Entrepreneur*	s
Plus minimum 3 credits from HORT 4614 or AAEC/MKTG 2xxx/ higher				
___	HORT 4614	(3)	Orn Plant Prod & Marketing*	s
___	AAEC _____	( )	_____	
___	MKTG _____	( )	_____	

**FREE ELECTIVES (MINIMUM 15 CREDITS)**

___	_____	( )	_____	
___	_____	( )	_____	
___	_____	( )	_____	
___	_____	( )	_____	
___	_____	( )	_____	

TOTAL CREDITS REQUIRED FOR GRADUATION = 120 -  
with required minimum 2.0 GPA overall & in major

**HORTICULTURE AND AGRICULTURE <sup>1</sup> (31 CREDITS)**

REQUIRED Departmental Courses (13 credits)

___	ALS 1234	(1)	CALS First Year Seminar	f
___	HORT 2224	(2)	Horticulture Science & Industry	f
___	HORT 2234	(3)	Environmental Factors in Hort	s
___	HORT 2244	(3)	Plant Propagation	s
___	HORT 4004	(1)	Hort Seminar	f
___	HORT 4324	(3)	Greenhouse Mgt (on-line only)	f, Su1

**PLUS**

Plant Materials (select a minimum of 5 credits)

___	HORT 3325, 3326 (3,3)	Woody Landscape Plants	f,s
___	HORT 3345, 3346 (2,2)	Herbaceous Landscape Plants*	f,s

Sustainability (select a minimum of 3 credits)

___	HORT 2134	(3)	Plants & Greensp in Urban Commun	s
___	HORT 2184	(3)	Plants Places Culture Globally	s
___	HORT 2834	(3)	Sustainable Agriculture Practicum	f,s

Related Agricultural Sciences (select a minimum of 10 credits)

—, —	CSES	3114*, 3124	(4)	Soils & Lab	f
—	or	3134	(3)	Soils in the Landscape	s
—	ENT	4254	(3)	Insect-Pest Management	s
—	PPWS	4104	(4)	Plant Pathology*	f

<sup>1</sup> All courses in Hort and Agric section, plus all other elected Hort courses, are included in calculating the in-major GPA. Any credit overage applies as restricted elective.

**RESTRICTED ELECTIVES (MINIMUM 22 CREDITS)**

From approved courses listed on reverse or any other Hort 2XXX or higher

___	_____	( )	_____	
___	_____	( )	_____	
___	_____	( )	_____	
___	_____	( )	_____	
___	_____	( )	_____	
___	_____	( )	_____	
___	_____	( )	_____	
___	_____	( )	_____	
___	_____	( )	_____	

Any course elected as P/F applies as Free Elective only.

# RESTRICTED ELECTIVES LISTING FOR Environmental Horticulture Major

For students graduating calendar year 2021

Courses may be selected from any of the concentration areas below.

Any course applied as Area 2 or 7, Business, or Hort elective may not also count as a Restricted Elective.

## SUSTAINABLE VEGETABLE AND FRUIT CONCENTRATION

___	ALS	2204	(3)	Intro to Civic Ag	f
___	HORT	2834	(3)	Sustainable Ag Prac	f,s
___	ALS	3404	(3)	Ecological Agriculture	f
___	HORT	3114	(3)	Wines and Vines	s
___	HORT	4644	(3)	Small Fruits	f
___	HORT	4654	(3)	Viticulture	s
___	HORT	4764	(3)	Vegetable Crops	f,s
___	HORT	4784	(3)	Vegetable Seed Prod	s
___	HORT	4794	(3)	Medicinal Plants & Herbs	f
___	HORT	4835	(2)	Organic Veg Production	s
___	HORT	4845	(1)	Organic Veg Prod Lab	s
___	HORT	2184	(3)	Plants Places Cult Glob	s

## SUSTAINABLE GREEN INDUSTRY CONCENTRATION

___	CSES	2564	(3)	Turfgrass Mgt	f
___	HORT	2144	(3)	Indoor Plants	f
___	HORT	3584	(1)	Landsc Contract Practic	f
___	HORT	4205,4206	(1,1)	Publ Gardens Mnt & Mgt	f,s
___	HORT	4614	(3)	Orn Plant Production	s
___	HORT	3354	(3)	Urb Forestry & Arbor	f
___	FREC	4454	(3)	Urb Forest Mgt & Policy	s
___	HORT	2184	(3)	Plants Places Cult Glob	s
___	HORT	3444	(3)	World Crops	s
___	HORT	3644	(3)	Landscape Establishment	f

## HORTICULTURAL SCIENCE CONCENTRATION

___	BIOL	1106	(3)	Prin of Biology	s
___	BIOL	1115,1116	(1,1)	Prin of Biol Lab	f,s
___	BIOL	2004	(3)	Intro Genetics	f,s
___	BIOL	3204	(3)	Plant Taxonomy	s
___	CHEM	1045,1046	(1,1)	Gen Chemistry Lab	f,s
___	CHEM	2535,2536	(3,3)	Org Chemistry	f,s
___	CHEM	2545,2546	(1,1)	Org Chem Lab	f,s
___	PPWS	2104	(3)	Domest the Gene	s
___	PPWS	3505,06	(3,3)	Plnt Physiol & Env	f,s

## OTHER CROSS-CONCENTRATION APPROVED COURSES

___	AAEC	3204	(3)	Intnl Agr Dev & Trade	f
___	AAEC	3314	(3)	Environmental Law	s
___	AAEC	3604	(3)	Agricultural Law	f
___	AAEC	4204	(3)	Food & Agric Policy	f
___	AAEC	4404	(3)	Agr Mgt & Prblm-Slvg	s
___	BIOL	2204	(3)	Plants and Civilization	f
___	BSE	2484	(3)	Engines Power Train	f,s
___	CSES	2444	(3)	Agronomic Crops	f
___	CSES	3444	(3)	World Crops	s
___	CSES	4214	(3)	Soil Fertility & Management	s
___	ENT	4264	(3)	Pesticide Usage	s
___	ENT	2254,2264	(2,1)	Bees & Beekeeping/Lab	s
___	ALS	4714	(1)	Global Seminar	f
___	FST	2014	(2)	Intro. Food Science	f
___	MGT	3304	(3)	Mgt Th & Lead Pract	f,s
___	MKTG	3104	(3)	Marketing Mgt	f,s
___	MKTG	3504	(3)	Advertising	f,s
___	PPWS	4754	(3)	Weed Sci:Princ & Pract	f,s
___	SPAN	1105,1106	(3,3)	Elementary Spanish	f,s

## ELIGIBILITY FOR CONTINUED ENROLLMENT

By the end of the academic year in which the student has attempted 72 hours (including transfer, advanced placement, advanced standing, and credit by examination), "satisfactory progress" toward a B.S. degree in Environmental Horticulture will include the following minimum criteria:

Having a grade point average of at least 2.0, overall and in-major.

Passing at least 24 semester credits that apply to the University Curriculum on Liberal Education.

Passing the following:

Math 1014 and 1025

Chem 1035 and 1036

Hort 2224 or 2234 or 2244

6 credits additional Hort (including those not applied above)

6 credits from CSES 3114 or 3134, ENT 4254, PPWS 4104

**Total credits for graduation** = 120 with a required minimum 2.0 GPA overall and in-major (includes all classes in BIOL, HORT, AAEC, CSES, ENT, PPWS, CHEM)

Note: A sequence of two foreign language courses 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.

Note: Some courses on this checksheet may have prerequisites. Please check the catalog.

\*Prerequisites: Some courses in the major requirements listed above may have prerequisites. Be sure to consult the University Course Catalog or check with your advisor.