



Bachelor of Science

Major: Horticulture

2023-2024 Sample 4-Year Plan

Total Degree Requirements: 120 credits

Student _____ Student ID# _____ Student Phone # _____
 Advisor _____ Minimum GPA 2.0 Minor/Career Interest(s) _____

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the [Undergraduate Catalog](#).

First Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
PS 119	First Year Seminar		1	F	
HO 111-111L	Introduction to Horticulture and Lab		3	F	
BIOL 101-101L or BIOL 151-151L	Biology Survey I and Lab (SGR #6) or General Biology I and Lab (SGR #6)		3-4	F/S F	
MATH 114	College Algebra (SGR #5)	p. Placement; MATH 115 or MATH 120 or higher accepted	3	F/S/Su	
SGR #2	Oral Communication (SGR #2)		3	F/S/Su	
Elective			1-2		
Total Credit Hours			15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
BOT 201-201L	General Botany and Lab (SGR #6)	p. BIOL 101/L or 151/L	3	S	
CHEM 106-106L	Chemistry Survey and Lab (SGR #6)	p. MATH placement	4	F/S/Su	
SGR #1	Written Communication SGR #1)	p. Placement	3	F/S/Su	
SGR #3	Social Sciences/Diversity	ECON 201 is part of the AgBus Minor	3		
SGR #4	Arts and Humanities/Diversity		3		
Total Credit Hours			16		

Second Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
HO/PS 210-210L	Turf and Weed Management in Horticulture and Lab	p. HO 111/L or PS 103/L	3	F	
HO/PS 255-255L	Woody Plants and Lab	p. HO 111/L or BIOL 101/L	4	F	
PS 213-213L	Soils and Lab (SGR # 6)	p. CHEM 106/L or CHEM 112/L	3	F/S	
SGR #3	Social Sciences/Diversity	ABS 203 highly recommended	3		
SGR #4	Arts and Humanities/Diversity		3		
Total Credit Hours			16		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CHEM 108-108L	Organic and Biochemistry and Lab (SGR #6)	p. CHEM 106/L or Chem 112	5	F/S/Su	
SGR #1	Written Communication (SGR #1)	p. ENGL 101	3	F/S/Su	
HO/PS 434	Local Food Production		2	S/Su	
PHYS 101-101L	Survey of Physics and Lab (SGR #6)	Check second lab time	4	F/S	
PS 223-223L	Principles of Plant Pathology and Lab	p. BIOL 103/L, BIOL 153/L or BOT 201/L	3	F/S	
Total Credit Hours			17		



Third Year

Summer

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
HO/PS 494	Internship	Can be taken any summer – contact the internship coordinator when you have an internship lined up for the summer	1	SU	
Total Credit Hours			1		

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
HO/PS 311-311L	Herbaceous Plants and Lab	p. HO 111/L, BOT 201/L or consent	3	F	
HO/PS 329	Horticultural Pests		3	S	
HO/PS 416	Landscape Nursery Management	p. HO 111/L, PS 213/L	3	F odd	
HO/PS 435	Local Food Production: Harvest and Storage		2	F	
HO/PS 490	Internship – Seminar	p. PS 494	1	F/S	
PS 405-405L	Entomology and Lab	p. “C” grade or better in BIOL 151-151L	3	F	
Total Credit Hours			15		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
BOT 327-327L	Plant Physiology and Lab	p. BIOL 101 and 103, BIOL 151 and 153, BOT 201 and BIOL 101, or BOT 201 and BIOL 151	4	S	
HO/PS 339	Arboriculture and Urban Forestry		3	S	
HO/PS 411 or HO/PS 444	Fruit Crop Systems or Vegetable Crop Systems	Take 1-6 credit hours, 2 credits required	1	S odd S	
HO/PS 447	Organic Plant Production		3	S	
Technical elective	Select 15 credits of technical electives from one of the following emphasis options: Business, Food Crop, Production, or Science Emphasis	Refer to Catalog for approved courses	3		
Total Credit Hours			14		

Summer

Fourth Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ABS 475	Integrated Natural Resource Management	Sr standing; capstone course	3	F	
Technical elective	Business, Food Crop, Production, or Science Emphasis	Refer to Catalog for approved courses	3		
Technical elective	Business, Food Crop, Production, or Science Emphasis	Refer to Catalog for approved courses	3		
Technical elective	Business, Food Crop, Production, or Science Emphasis	Refer to Catalog for approved courses	3		
Total Credit Hours			12		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
HO/PS 413-413L	Greenhouse and High Tunnel Management and Lab		3	S odd	
HO 414-414L	Plant Propagation and Lab	p. HO 111, BOT 201/L or consent	3	S Even	
HO/PS 411 or HO/PS 444	Fruit Crop Systems or Vegetables Crop Systems	Take 1-6 credit hours, 2 credits required	1	S odd S	
Technical elective	Business, Food Crop, Production, or Science Emphasis	Refer to Catalog for approved courses	3		
Elective	Taken as needed to complete additional degree requirements		4		
Total Credit Hours			14		

Comments/Notes

Students from all academic majors can pursue graduation with Fishback Honors College distinction. View the [Honors program requirements](#).