

Floriculture and Ornamental Horticulture

Faculty Advisors: Richard L. Harkess and Brian Trader

Floriculture and Ornamental Horticulture offers diversified opportunities that are challenging, intellectually stimulating, and economically rewarding. Floriculture and Ornamental Horticulture is the science and art of producing, distributing, marketing, and using flowers, flowering and foliage plants, and woody ornamental landscape plants. It offers a wide variety of employment opportunities at competitive salaries. Students completing this curriculum are prepared for many different careers including greenhouse or nursery management, landscape management, public service, and technical product research and sales.

Freshman Year

Freshman Year	
First Semester	Second Semester
BIO 1203 Plant Biology	AEC 2713 Intro to Ag. Econ.
CH 1043 General Chemistry I	BIO 1213 Survey of Plant and Fungi Kingd.
MA 1313 College Algebra	CH 1053 General Chemistry II
EN 1103 English Comp I	CH 1051 Experimental Chemistry I
PSS 1313 Plant Science	EN 1113 English Comp II
	MA 2113 Intro to Statistics ST 2113 Intro to Statistics
15 Hours	16 Hours
Total Hours 31	

Sophomore Year

Sophomore Year	
First Semester	Second Semester
BIO 4214 General Plant Physiology	PSS 3303 Soils
PSS 2423 Plant Materials I	PSS 3301 Soils Laboratory
PO 3103 Genetics I	PSS 3923 Plant Propagation
FLS 1113 Spanish I	FLS 1123 Spanish II
3 Hours Restricted Elective	3 Hours Restricted Elective
16 Hours	13 Hours

Total Hours 60	
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Junior Year	
First Semester	Second Semester
PSS 3473 Plant Materials II	CH 2503 Elementary Organic Chemistry
PSS 4343 Greenhouse Management	CH 2501 Elementary Organic Chem. Lab
EPP 3113 Intro to Plant Pathology	PSS 3313 Inter. Plant Design & Maintenance
EPP 3423 Ornamental & Turf Insects	PSS 4613 Floriculture Crop Programming
3 Hours Restricted Elective	3 Hours Restricted Elective
15 Hours	13 Hours
Total Hours 88	

Summer Semester	
PSS 3433 Horticulture Internship	
3 Hours	
Total Hours 91	

Senior Year	
First Semester	Second Semester
ACC 2013 Principles of Financial Accounting	BIO 4203 Taxonomy of Spermatophytes
AEE 3203 Intro to Tech. Writing Agricom	PSS 4363 Nursery Management
PSS 3511 Seminar	MKT 3013 Principles of Marketing
PSS 2343 Floral Design	3 Hours Social/Beh. Science Elective
PSS 4444 Plant Tissue Culture	3 Hours Restricted Elective
14 Hours	15 Hours
Total Hours 120	

Restricted Electives (15 hours required)

ABE 2263 Ag. Survey and Drainage	MKT 3213 Retailing
AEC 3413 Intro to Food Marketing	PSS 3023 Retail Floristry Management

BCH 3613 Elementary Biochemistry	PSS 3043 Fruit Science
BIO 3304 General Microbiology	PSS 3133 Intro to Weed Sciences
BIO 4204 Plant Anatomy	PSS 3343 Advanced Floral Design I
BIO 4213 Plant Ecology	PSS 3443 Advanced Floral Design II
BIO 4404 Environmental Microbiology	PSS 4000 Directed Individual Study
EPP 4163 Plant Disease Management	PSS 4143 Advanced Fruit Science
EPP 4263 Principles of Insect Pest Mgt.	PSS 4313 Soil Fertility and Fertilizer
FLS 2133 Spanish III	PSS 4353 Arboriculture
FLS 2143 Spanish IV	PSS 4414 Turfgrass Management
LA 2334 Plant Specs for Small Properties	PSS 4453 Vegetable Production
MGT 3114 Principles of Management & Prod.	PSS 4503 Plant Breeding