

Floriculture and Ornamental Horticulture



Department of Plant and Soil Sciences

Major Advisors: Professor: Dr Richard L. Harkess

Instructor: Dr. Paul Meints

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.

A Minor in Floriculture and Ornamental Horticulture consists of 15 hours of the following courses:

- PSS 2423 Plant Materials I
- PSS 3473 Plant Materials II
- PSS 3923 Plant Propagation
- Any two of the following:
- PSS 3313 Interior Plant Design & Maint.
- PSS 4343 Controlled Env. Agriculture
- PSS 4353 Arboriculture
- PSS 4363 Sustainable Nursery Production
- PSS 4613 Floriculture Crop Programming

1st Year	
First Semester	Second Semester
BIO 2113 Plant Biology	AEC 2713 Intr. Food and Resource Econ. or EC 2113 Prin. Macroeconomics or EC 2123 Prin. Microeconomics
CH 1043 Survey of Chemistry I	CH 1053 Survey of Chemistry II
MA 1313 College Algebra	CH 1051 Experimental Chemistry
EN 1103 English Comp I	EN 1113 English Comp II
PSS 1313 Plant Science	MA 2113 Int Statistics or ST 2113 Int Statistics
FLS 1113 Spanish I	FLS 1123 Spanish II
	PSS 2343 Floral Design or LA 1803 Landscape Arch Appreciation
18 Hours	19 Hours
	Total Hours 37

Summer 1	
1st Term	2nd Term
PSS 2423 Plant Materials I	3 Hours Computer Literacy Elective
CO 1003 Fund. Public Speaking	CH 2503 Elem. Organic Chemistry
	CH 2501 Elem. Organic Chemistry Lab
6 Hours	7 Hours
	Total Hours 50

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2nd Year	
First Semester	Second Semester
3 Hour Restricted Elective	PSS 3923 Plant Propagation
3 Hour Restricted Elective	BIO 4214 General Plant Physiology
PO 3103 Genetics I	PSS 3313 Inter. Plant Design & Maintenance
PSS 4341 Controlled Env. Agriculture Lab	PSS 4613 Floriculture Crop Programming
PSS 4343 Controlled Env. Agriculture	3 Hours Social Science Elective
PSS 3301 Soils Laboratory	PSS 3473 Plant Materials II
PSS 3303 Soils	
17 Hours	19 Hours
	Total Hours 86

Summer 2	
10 Week Term	
PSS 3433 Horticulture Internship	
	3 Hours
	Total Hours 89

3rd Year	
First Semester	Second Semester
ACC 2013 Prin. Financial Accounting	AEE 3203 Intro Tech. Writing Agri
PSS 4444 Plant Tissue Culture	PSS 3511 Seminar
3 Hour Restricted Elective	3 Hour Restricted Elective
EPP 4113 Prin Plant Pathology	BIO 4203 Taxonomy of Spermatophytes
EPP 3423 Ornamental & Turf Insects or EPP 2213 Intro Insects	PSS 4363 Sustainable Nursery Production
3 Hour Restricted Elective	MKT 3013 Prin. Marketing
19 Hours	16 Hours
	Total Hours 124

PSS Restricted Electives (A minimum of 15 hours is required)	
AEC 3413 Intro to Food Marketing	PSS 4113 Agricultural Crop Physiology
BCH 4013 Principles of Biochemistry	PSS 3023 Retail Floristry Management
BIO 3304 General Microbiology	PSS 3043 Fruit Science
BIO 4204 Plant Anatomy	PSS 3133 Intro Weed Science
BIO 4213 Plant Ecology	PSS 3343 Advanced Floral Design I
BIO 4404 Environmental Microbiology	PSS 3443 Advanced Floral Design II
EPP 4163 Plant Disease Management	PSS 3633 Sustainable and Organic Hort.
EPP 4263 Prin. Insect Pest Management	PSS 4000 Directed Individual Study
FLS 2133 Spanish III	PSS 4143 Advanced Fruit Science
FLS 2143 Spanish IV	PSS 4313 Soil Fertility and Fertilizers
LA 2253 Plant. Design Fund. Lands Arch.	PSS 4353 Arboric. & Landscape Maintenance
LA 2433 Landscape Systems Plant Com.	PSS 4403 International Horticulture
LA 4753 Sustainable Landscape Mgt	PSS 4414 Turfgrass Management
MGT 3114 Prin. Management and Production	PSS 4453 Vegetable Production
MKT 3213 Retailing	PSS 4503 Plant Breeding
PSS 2343 Floral Design	PSS 4553 Plant Growth and Development