

BA HORTICULTURAL SCIENCES DEGREE PLAN - Catalog 137

Name _____ Emphasis Area _____
 UIN # _____ Todays date _____

University Graduation Requirements

Writing Requirement (2 courses) _____ Foreign Language (2 yrs HS OR 2 semesters University) ⁴ _____
 International & Cultural Diversity (6 hrs) _____ 36 hrs of 300-400 level coursework at TAMU _____

	Credit Hours	Grade	Projected Date		Credit Hours	Grade	Projected Date
University Core Curriculum				Horticulture Directed Electives²			
Communication (6)				HORT 225 or 315 (900sections) ¹			
Communication Elective ¹	3			HORT ²	3		
Communication Elective ¹	3			HORT ²	3		
Mathematics¹ (6)				HORT ²			
	3			HORT ²	3		
	3			HORT ²	3		
Life & Physical Sciences (9)				Total			
BIOL 101 or 111 (BIOL 1411 or 1406)	4			18			
CHEM 101 & 111 (CHEM 1411)	4			Supporting Field Requirements			
HORT 202 -- Hort Sciences Lab	1			ENGL 210 or 301- (ENGL 2311)			
Language, Philosophy & Culture¹ (3)				Foreign Language			
	3			Foreign Language			
Creative Arts¹ (3)				ENTO 201-- Gen. Entomology			
	3			RENH 205-- Ecology			
Social & Behavioral Sciences¹ (3)				15			
	3			Directed Electives³			
American History¹ (6)							
HIST (American) (HIST 1301)	3						
HIST (Amer. /TX) (HIST 1302 or 2301)	3						
Government & Political Science¹ (6)							
POLS 206 (GOVT 2305)	3						
POLS 207 (GOVT 2306)	3						
Total Core Curriculum				42			
Horticulture Science Requirements							
HORT 101--Concepts of Hort Sciences	1						
HORT 201-- Hort Science (AGRI 1315)	3						
HORT 326 -- Plant Propagation	3						
HORT 481-- Seminar (900section) ¹	2			36			
Total				9			
				TOTAL HOURS			
				120			

¹Approved requirements outlined in TAMU catalog. Students must complete 6 credit hours of International and Cultural Diversity courses and two courses in their major that are designated as writing intensive (W) 900 section number .

²Hours to be selected from the approved "Directed Horticulture Electives" to include HORT courses as indicated by the Departmental Curriculum Committee chosen in consultation with their academic advisor.

³Hours to be selected from the approved "Directed Electives" to include HORT courses as indicated by the Departmental Curriculum Committee chosen in consultation with their academic advisor.

⁴Some proficiency in a foreign language met by: 2 full years in high school, 2 semesters at college level or exam. See TAMU catalog for full details.

Bachelor of Arts Emphasis Areas [Minor Required]

URBAN HORTICULTURE

The urban horticulture concentration is intended for students interested in professional careers which promote horticulture and emphasize people and their education and enjoyment of plants in an urban setting. Students in this emphasis area can choose to gain skills and experiences in a broad range of areas. This emphasis area prepares students for a variety of career opportunities including careers in public gardens, federal, state, and city horticulture programs, Cooperative Extension Service, professional garden writer/editor or publication manager, horticulture marketing, horticulture education and print and electronic media. Directed technical electives allow the student to concentrate in an area of their interest while encouraging the development of good people skills.

Career Opportunities (Not limited to):

- Horticulture teacher in high schools, technical schools and colleges
- Garden writer for magazines, newspapers, TV, radio and computer technology.
- Director of public garden education and administration
- Employee of federal, state and city horticulture program education and administration

FLORAL DESIGN/EVENT PLANNING

This emphasis provides a strong foundation for undergraduate students who wish to receive a Bachelor's degree in Horticulture that is concentrated in the area of the art of floral design. Graduates in this area are highly skilled for careers in many areas of floral design including: retail floristry, international and national wholesale and retail floral marketing, floral design publishing, event planning, and floral design education.

Career Opportunities (Not limited to):

- Floral designer
- Retail florist
- Floral crops wholesaler
- Floral design educator
- Floral design garden writer
- Event planner

HORTICULTURE LANDSCAPE DESIGN *(Available Fall 2015)*

This emphasis is tailored to provide the skills necessary for undergraduate students who wish to receive a Bachelor's degree in Horticulture that is concentrated in the area of landscape design. This expanding field allows students with artistic capabilities to work in the horticulture arena. Landscape designers create aesthetic concepts and practical plans for improved outdoor living. Students electing this emphasis will gain the skills necessary for designing residential and small scale landscapes. Landscape designers are highly sought by garden centers, botanical gardens, arboreta, landscape maintenance and installation firms, nurseries, and governmental agencies. Private consulting is also a possibility. Some jobs will involve consumer relations and retail sales including landscape communication and publishing, landscape marketing and landscape design education.

Career Opportunities (Not limited to):

- Landscape designer
- Interiorscaper
- Landscape garden writer
- Landscape marketing representative
- Landscape design educator
- Landscape customer sales and service representative
- Garden Artist/Consultant

HORTICULTURE DIRECTED ELECTIVES FOR BA HORT

URBAN HORTICULTURE

These courses are required for this emphasis area:

HORT 301 (3) Garden Science

AND

HORT 306 (3) Woody Ornamental Plants *OR*

HORT 308 (3) Landscape Plant Materials *OR*

HORT 309 (3) Interior Plants

AND

HORT 335 (3) Sociohorticulture

HORT 315 (3) Current Issues in Horticulture (*W Course*)

Choose the additional hours from the following:

HORT 306 (3) Woody Ornamental Plants

HORT 308 (3) Landscape Plant Materials

HORT 309 (3) Interior Plants

HORT 423 (3) Tropical Horticulture

HORT 426 (3) International Floriculture Marketing

HORT 428 (3) Commercial Greenhouse Management

HORT 429 (3) Floriculture Crop Production

HORT 431 (3) Nursery Production and Management

HORT 435 (3) Urban Horticulture

HORT 440 (3) International Horticulture

HORT 484 Internship

FLORAL DESIGN/EVENT PLANNING

These courses are required for this emphasis area:

HORT 203 (3) Floral Design

HORT 451 (3) Retail Floristry

HORT 452 (3) Floral Design: Weddings & Personal Flowers

HORT 315 (3) Current Issues in Horticulture (*W course*)

Choose the additional hours from the following:

HORT 301 (3) Garden Science

HORT 308 (3) Landscape Plant Materials

HORT 309 (3) Interior Plants

HORT 426 (3) International Floriculture Marketing

HORT 429 (3) Floriculture Crop Production

HORT 440 (3) International Horticulture

HORT 453 (2) Floral Art

HORT 454 (2) Special Event Design and Production

HORT 484 Internship

LANDSCAPE DESIGN (*Available Fall 2015*)

These courses are required for this emphasis area:

HORT 306 (3) Woody Ornamental Plants

HORT 308 (3) Landscape Plant Materials

HORT 332 (2) Horticulture Landscape Graphics

HORT 432 (3) Horticulture Landscape Design

HORT 442 (3) Horticulture Landscape Design II

HORT 315 (3) Current Issues in Horticulture (*W Course*)

Choose the additional hours from the following:

HORT 203 (3) Floral Design

HORT 309 (3) Interior Plants

HORT 425 (3) Landscape Maintenance and Construction

HORT 451 (3) Retail Floristry

HORT 452 (3) Floral Design: Weddings & Personal Flowers

HORT 453 (2) Floral Art

HORT 484 Internship

BA Horticulture Directed Elective Options (Includes Minor Coursework)*

Any HORT Course	FINC 201 Personal Finance
ACCT 209 Survey of Accounting Principles or ACCT 229 Introductory Accounting	FINC 409 Survey of Finance Principles
ACCT 210 Survey of Managerial and Cost Accounting Principles or ACCT 230 Intro. Accounting	FRSC 421 Urban Forestry
Any AGCJ Course	GIS Course – Choose from: AGSM 461 Geographic Information Systems for Resource Management or ESSM 351 Geographic Information Systems for Resource Management or GEOG 390 Principles of Geographic Information Systems or RENR 405 GIS for Environmental Problem Solving
AGCJ 105 Intro to Agricultural Communications	HLTH 221 Safety
AGEC 105 Intro to Agricultural Economics	MGMT 105 Intro to Business
AGEC 314 Marketing Agriculture and Food Products	MGMT 209 Business, Government and Society
AGEC 315 Food and Agricultural Sales	MGMT 309 Survey of Management
AGEC 330 Financial Management in Agriculture	MKTG 409 Principles of Marketing
AGEC 340 Agribusiness Management	NUTR 202 Fundamentals of Human Nutrition
AGLS 101 Modern Agriculture Systems and Renewable Natural Resources	POLS 341 Urban Administration
ALED 441 Agricultural Extension Organization Methods	RENR 215 Fundamentals of Ecology- Laboratory
ALED 442 Professional Communications in Agriculture and Life Sciences	RPTS 201 Foundations of Recreation, Parks, and Tourism
ANTH 421 Museums and Their Functions	RPTS 302 Application of Tourism Principles
ARTS: Any ARTS Course	RPTS 311 Planning and Implementation of Events and Programs
BIOL 328 Plants and People	RPTS 320 Event Management and Operations I
COMM 203 Public Speaking	RPTS 321 Event Management and Operations II
COMM 205 Communication for Technical Professions	RPTS 331 Tourism Marketing
COMM 210 Group Communication and Discussion	RPTS 340 Recreation, Parks, Tourism and Diverse Populations
Computer Course – Choose from: ISYS 209 Business Information Systems Concepts or RENR 201 Computer Applications in Agriculture	RPTS 370 Youth Development Organization and Services
ECHE 244 School, Family and Community Dynamics in Early Childhood Education	RPTS 402 Park Planning and Design
ECON 202 Principles of Economics	SCSC 302 Recreation Turf and/or SCSC 312 Introductory Turfgrass Management Laboratory
ECON 203 Principles of Economics	SPAN 101 Beginning Spanish I
EHRD 374 Organizational Development	SPAN 102 Beginning Spanish II
EHRD 479 Grants and Contracts	STLC 101 Application of Learning Theories to College Studies
ENDS: Any ENDS Course	UGST 181 First Year Seminar

**Students in the Bachelor of Arts are required to complete a minor of 15-18 hours in order to receive a degree. Any University approved minor or double major is acceptable, except a minor or major in Horticulture as the intent is to provide a concentration in a second field of expertise.*