

HORTICULTURE - BA

This program blends horticultural sciences with plant-human interaction, preparing students for careers in floral design, education, marketing, event planning, and more.

This degree blends the concepts of horticultural sciences with the proven benefits of plant-human interaction. The students obtain the skills for preparing arrangements for various occasions, including everyday celebrations, weddings, funerals, and special events, by integrating the aesthetic and emotion-evoking aspects into floral masterpieces that resonate on a personal level. This degree offers students the choice of pairing a horticulture degree with electives in social sciences, business, agricultural journalism, education, art, and design. The requirement of a minor of the student's choosing from outside of horticulture provides an opportunity for training in a complementary secondary area of emphasis. Employment opportunities include constructing educational programs for school gardens, preparing one for certification to teach in public schools, marketing and managing horticultural operations, sociohorticulture, agricultural journalism, planning gala events, operating floral shops, or pursuing advanced degrees. Graduates work in exciting and dynamic environments, including interior design firms, corporate settings, educational institutions, event and wedding planning companies, freelance entrepreneurial work, the hospitality industry, online floral services, theater and film production, museums, and cultural institutions.

Program Requirements

First Year

Fall		Semester Credit Hours
BIOL 101	Botany	4
or BIOL 111	or Introductory Biology I	
HORT 281	Professions in Horticulture	1
Language, philosophy and culture (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture) ¹		3
Mathematics (MATH or STAT prefix required) (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics)		3
Social and behavioral sciences (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences)		3

Semester Credit Hours 14

Spring

HORT 201	Horticultural Science and Practices ²	3
HORT 202	Horticultural Science and Practices Laboratory	1
Creative arts (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts) ¹		3
Foreign Language ³		4
Government/Political science (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science)		3

Mathematics (MATH or STAT prefix required) (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics)	3
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Semester Credit Hours 17

Second Year

Fall

CHEM 119	Fundamentals of Chemistry I	4
HORT 203	Floral Design	3
Art or Art History		
Select one of the following:		3
ARCH 249	Survey of World Architecture History I	
ARCH 250	Survey of World Architecture History II	
ARCH 350	History and Theory of Modern and Contemporary Architecture	
ARTS 149	Art History Survey I	
ARTS 150	Art History Survey II	
ARTS 330	The Arts of America	
ARTS 349	The History of Modern Art	
LAND 240	History of Landscape Architecture	

Communication (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication)	3
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Government/Political science (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science)	3
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Semester Credit Hours 16

Spring

ECCB 205	Fundamentals of Ecology	3
ENGL 210	Technical and Professional Writing	3
Principles of Design		
Select one of the following:		3
HORT 308	Plants for Sustainable Landscapes	
HORT 332	Horticulture Landscape Graphics	
HORT 432	Horticulture Landscape Design	
HORT 442	Horticulture Landscape Design II	
HORT 451	Retail Floristry	
HORT 452	Floral Design: Weddings and Personal Flowers	
HORT 453	Floral Art	
HORT 454	Special Event Design and Production	

American history (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history)	3
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General elective ^{1,4}	3
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Semester Credit Hours 15

Third Year

Fall

HORT 315	Issues in Horticulture ⁵	3
HORT 335	Sociohorticulture	3

Principles of Design		
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Select one of the following:		3
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HORT 308	Plants for Sustainable Landscapes	
HORT 332	Horticulture Landscape Graphics	
HORT 432	Horticulture Landscape Design	

HORT 442	Horticulture Landscape Design II	
HORT 451	Retail Floristry	
HORT 452	Floral Design: Weddings and Personal Flowers	
HORT 453	Floral Art	
HORT 454	Special Event Design and Production	
General elective ^{1,4}		6
Semester Credit Hours		15
Spring		
Horticulture Management and Marketing		
Select one of the following:		3
HORT 425	Horticulture Landscape Installation	
HORT 426	International Floriculture Marketing	
HORT 451	Retail Floristry	
HORT 460	Landscape Estimating, Bidding, and Operations	
Communication (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication)		3
Directed electives ^{1,6}		3
General electives ^{1,4}		6
Semester Credit Hours		15
Fourth Year		
Fall		
High Impact Learning		
Select one of the following:		1
HORT 400	Field Studies in Horticulture	
HORT 484	Internship	
HORT 485	Directed Studies	
HORT 491	Research	
HORT Study Abroad		
Horticulture Elective		3
HORT 300-499 (https://catalog.tamu.edu/undergraduate/course-descriptions/hort/) ⁷		
Directed elective ^{1,6}		10
Semester Credit Hours		14
Spring		
HORT 481	Seminar ⁸	2
American history (https://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history)		3
Directed elective ^{1,6}		6
General elective ^{1,4}		3
Semester Credit Hours		14
Total Semester Credit Hours		120

discourse-requirements/) courses. A course satisfying a Core category, a college/department requirement, or a free or directed elective can be used to satisfy this requirement. See academic advisor.

- ² For all HORT majors and minors, a C or better is required in HORT 201.
- ³ Student must successfully complete a course of a foreign language beyond that required by the university in general.
- ⁴ Selected general elective courses should include a student's required minor or dual major. Any university approved minor or major is acceptable, except a minor or major in Horticulture as the intent is to provide a concentration in a second field of expertise.
- ⁵ This course fulfills a writing requirement (see Requirements for a Baccalaureate Degree (<https://catalog.tamu.edu/undergraduate/general-information/degree-information/>)).
- ⁶ Hours to be selected from among the following AGEC 105, AGEC 223, AGEC 300-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/agec/>); AGLS 101; AGSM 435, AGSM 201, AGSM 300-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/agsm/>); ALED 339, ALED 340, ALED 341, ALED 426, ALED 440, ALED 441; ANSC 307, ANSC 326/FSTC 326, ANSC 327/FSTC 327, ANSC 487/FSTC 487; ATMO 201; BESC 201, BESC 204, BESC 300-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/besc/>); BICH 411; BIOL 112, BIOL 113, BIOL 206, BIOL 213, BIOL 349, BIOL 401; CHEM 300-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/chem/>); COMM 203, COMM 205; COSC 253, COSC 354; ECON 202, ECON 203; ENGL 320; ENTO 300-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/ento/>); ECCB 351; FINC 409; ECCB 408; FSTC 201, FSTC 470/ANSC 470, FSTC 485; GENE 310, GENE 411/SCSC 411; HMG 201 HMG 300-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/hmgt/>); ISTM 209; MGMT 209, MGMT 300-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/mgmt/>); MKTG 300-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/mktg/>); NUTR 300/FSTC 300, NUTR 485; PHIL 314; PHYS 100-499 (<https://catalog.tamu.edu/undergraduate/course-descriptions/phys/>); ECCB 215, RWFM 411, RWFM 351; SCSC 105, SCSC 205, SCSC 300-499; (<https://catalog.tamu.edu/undergraduate/course-descriptions/scsc/>) SPAN 102, SPAN 201, SPAN 202; UGST 181 or hours to be selected with approval by the student's academic advisor and the associate department head from 100-400-level courses in ACCT (<https://catalog.tamu.edu/undergraduate/course-descriptions/acct/>), AGCJ, (<https://catalog.tamu.edu/undergraduate/course-descriptions/agcj/>) AGEC (<https://catalog.tamu.edu/undergraduate/course-descriptions/agec/>), AGLS (<https://catalog.tamu.edu/undergraduate/course-descriptions/agls/>), ALEC (<https://catalog.tamu.edu/undergraduate/course-descriptions/alec/>), ANTH (<https://catalog.tamu.edu/undergraduate/course-descriptions/anth/>), ARTS (<https://catalog.tamu.edu/undergraduate/course-descriptions/arts/>), BESC (<https://catalog.tamu.edu/undergraduate/course-descriptions/besc/>), COMM (<https://catalog.tamu.edu/undergraduate/course-descriptions/comm/>), ECON (<https://catalog.tamu.edu/undergraduate/course-descriptions/econ/>), ECCB, ENDS (<https://catalog.tamu.edu/undergraduate/course-descriptions/ends/>), ENTO (<https://catalog.tamu.edu/undergraduate/course-descriptions/ento/>), EPSY (<https://catalog.tamu.edu/undergraduate/course-descriptions/epsy/>), FINC (<https://catalog.tamu.edu/undergraduate/course-descriptions/finc/>), FSTC (<https://catalog.tamu.edu/undergraduate/course-descriptions/fstc/>), GEOG (<https://catalog.tamu.edu/undergraduate/course-descriptions/geog/>), GENE (<https://catalog.tamu.edu/undergraduate/course-descriptions/gene/>), HLTH (<https://catalog.tamu.edu/undergraduate/course-descriptions/hlth/>), HMG 201 (<https://catalog.tamu.edu/undergraduate/course-descriptions/hmgt/>), HORT (<https://catalog.tamu.edu/undergraduate/course-descriptions/hort/>)

¹ The Graduation requirements include a requirement for 3 hours of I (<https://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) International and Cultural Diversity (<https://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) courses and 3 hours of C (<https://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>) Cultural Discourse (<https://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>)

catalog.tamu.edu/undergraduate/course-descriptions/hort/), INST (<https://catalog.tamu.edu/undergraduate/course-descriptions/inst/>), ISTM (<https://catalog.tamu.edu/undergraduate/course-descriptions/istm/>), KINE (<https://catalog.tamu.edu/undergraduate/course-descriptions/kine/>), LAND (<https://catalog.tamu.edu/undergraduate/course-descriptions/land/>), MEPS (<https://catalog.tamu.edu/undergraduate/course-descriptions/meps/>), MGMT (<https://catalog.tamu.edu/undergraduate/course-descriptions/mgmt/>), MKTG (<https://catalog.tamu.edu/undergraduate/course-descriptions/mktg/>), NUTR (<https://catalog.tamu.edu/undergraduate/course-descriptions/nutr/>), PBSI (<https://catalog.tamu.edu/undergraduate/course-descriptions/pbsi/>), RWFM (<https://catalog.tamu.edu/undergraduate/course-descriptions/rwfm/>), SCSC (<https://catalog.tamu.edu/undergraduate/course-descriptions/scsc/>), SCMT (<https://catalog.tamu.edu/undergraduate/course-descriptions/scmt/>), SOCI (<https://catalog.tamu.edu/undergraduate/course-descriptions/soci/>), SPAN (<https://catalog.tamu.edu/undergraduate/course-descriptions/span/>), SPED (<https://catalog.tamu.edu/undergraduate/course-descriptions/sped/>), STAT (<https://catalog.tamu.edu/undergraduate/course-descriptions/stat/>).

⁷ Hours to be selected based on the emphasis area chosen in consultation with the student's academic advisor.

⁸ This course fulfills a communications requirement.