

KANSAS STATE UNIVERSITY

BACHELOR OF SCIENCE - HORTICULTURE

General Education Requirements (Minimum 34 Credit Hours)			
ENGLISH			6 Hours
ENGL	100	Expository Writing I	3
ENGL	200	Expository Writing II	3
COMMUNICATIONS			3 Hours
OR	COMM	106 Public Speaking I	3
	COMM	322 Interpersonal Communication	
MATH & STATISTICS			3 Hours
OR	MATH	100 College Algebra	3
	MATH	205 General Calc and Linear Algebra (Science Option)	
NATURAL & PHYSICAL SCIENCES			4 Hours
(From Natural and Physical Science List)			
(BIOL 198 Recommended)			
Arts & Humanities			6 Hours
6 Hours in at least 2 courses from 2 Subject Areas			
(From Arts & Humanities List)			
Social & Behavioral Sciences			6 Hours
6 Hours in at least 2 courses from 2 Subject Areas			
(From Social and Behavioral Science List)			
(AGECON/ECON Recommended)			
(SOCIO 211 Recommended)			
Institutionally Designated Area			6 Hours
(Free Electives)			
(Minimum 34 Credit Hours)			34

MAJOR SUPPORT REQUIREMENTS - ALL OPTIONS			
			Hours
AND	CHM	110 Gen Chem	4
	CHM	111 Gen Chem Lab	
OR	CHM	210 General Chemistry I (Science Option)	
	BIOL	198 Principles of Biology	4
	AGRON	205 Soils	3
	AGRON	206 Soils Lab	1
	PLPTH	500 Prin of Plant Path	3
	ACCTG	231 Acctg for Bus Ops	3
	ENTOM	312 General Entomology	3
	ECON	Choose 1: AGECON 120, ECON 110, ECON 120	3
Total Major Support Requirements			24

HORT CORE MAJOR REQUIREMENTS- ALL OPTIONS			
			Hours
	HNR	101 Intro to HNR	1
	HORT	201 Principles of Horticulture	4
	HORT	282 Foundations of Pest Mgmt	1
	HORT	350 Plant Propagation	3
	HORT	374 Landscape Plants I	3
	HORT	490 Hort Internship	3
	HORT	550 Hort Irrigation Sys	3
Total HORT CORE REQUIREMENTS			18

CHOOSE ONE OPTION AREA - REQUIRED COURSES FOR EACH OPTION ARE LISTED BELOW

HORT LANDSCAPE OPTION REQUIREMENTS			
Major Required Courses			Hours
HORT	275	Hort Design I	3
HORT	375	Landscape Plants II	3
HORT	508	Sust Landscape Maint Prac	2
HORT	510	Hort Design II	3
HORT	515	Basic Turfgrass Culture	3
HORT	551	Bus of Landscape Contracting	1
HORT	552	Hort Landscape Construction	1
OR	HORT	570 Greenhouse Ops Mgmt	3
	HORT	600 Herbacious Landscape Plant Prod	
HORT	585	Arboriculture	3
AND	HORT	587 Turfgrass Disease Mgmt	2
	HORT	588 Turfgrass Weed Mgmt	
OR	PLPTH	590 Landscape Disease	
HORT		HORT Elective - Choose from List (hours must be 300 level or above)	(6) 8
COMM		Choose from Elective List	3
BUS		Choose from Business Elective List	6
BIOL	500	Plant Physiology	3
TOTAL Landscape Option Requirements			44
Total KBOR/CORE/SUPPORT/OPTION			120

HORT PRODUCTION OPTION REQUIREMENTS			
Major Required Courses			Hours
HORT	375	Landscape Plants II	3
HORT	570	Greenhouse Ops Mgmt	3
HORT	600	Herbacious Landscape Plant Prod	3
AND	HORT	587 Turfgrass Disease Mgmt	2
	HORT	588 Turfgrass Weed Mgmt	
OR	PLPTH	590 Landscape Disease	
OR	HORT	520 Fruit Production	3
	HORT	560 Veg Crop Production	
HORT		HORT Elective - Choose from List (hours must be 300 level or above)	(13) 18
COMM		Choose from Elective List	3
BUS		Choose from Business Elective List	6
BIOL	500	Plant Physiology	3
TOTAL Production Option Requirements			44
Total KBOR/CORE/SUPPORT/OPTION			120

HORT GOLF COURSE & SPORTS TURF OPTION REQUIREMENTS			
			Hours
HORT	490	Internship #2	3
HORT	508	Sust Landscape Maint Prac	2
HORT	585	Arboriculture	3
HORT	515	Basic Turfgrass Culture	3
OR	HORT	570 Greenhouse Ops Mgmt	3
	HORT	600 Herbacious Landscape Plant Prod	
HORT	587	Turfgrass Disease Mgmt	1
HORT	588	Turfgrass Weed Mgmt	1
HORT	589	Turfgrass Insects and Their Mgmt	1
HORT	706	Adv Culture of Golf Sport Turf	3
HORT		HORT Elective - Choose from List (must be 300 level or above)	(must) 3
COMM		Choose from Elective List	3
ACCTG	241	Accounting for Investing & Financing	3
MANGT	220	Principles of Management	3
MKTG	250	Introduction to Marketing	3
BUS		Choose from Business Elective List (must be 300 level or above)	(must) 3
HM		Hospitality Management Elective (Must be 300 level or above)	(Must) 6
UNRESTRICTED ELEC			
TOTAL Golf Course & Sports Turf Option Requirements			44
Total KBOR/CORE/SUPPORT/OPTION			120

HORT SCIENCE OPTION REQUIREMENTS			
			Hours
CHM	230	Chem II	4
CHM	350	Organic Chm	3
PHYS	113	General Physics	4
Writing Elective		Choose from List	3
OR	ASI	500 Genetics	3
	BIOL	450 Modern Genetics	
BIOL	500	Plant Physiology	3
BIOL	501	Plant Physiology Lab	1
Plant Science		Choose from Elective List	6
PLPTH	590	Landscape Disease	2
HORT	570	Greenhouse Ops Mgmt	3
HORT	710	Plant Cell Tissue and Organ Cult	3
HORT		HORT Elective - Choose from List (must be 300 level or above)	(must) 9
TOTAL Science Option Requirements			44
Total KBOR/CORE/SUPPORT/OPTION			120

Questions?
Contact: Lisa Wuggazer, Academic Services Coordinator
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Fall 2024/Spring 2025

Horticulture Departmental Elective List

Bachelor's of Science - Horticulture -ALL (HP, LH, GS, SC) Communications Elective Departmental List 2024-2025 Catalog Year	
AGCOMM	220 and above
ARAB	
CHINE	
CLSCS	
COMM	300 and above
ENGL	300 and above
FREN	
GRMN	
HINDI	
HORT 595	
HORT 650	
ITAL	
JAPAN	
LATIN	
RUSSN	
SALES	542
SPAN	
SWAH	

Bachelor's of Science - Horticulture - HP, LH, GS Horticulture Elective Departmental List 2024-2025 Catalog Year	
AGRON	300 and above
BIOL	200 and above
GEOG	360
LAR	298
PMC	275
HORT	210 and above
PLPTH	(not 500)
ENTOM	300 and above

Bachelor's of Science - Horticulture -ALL (HP, LH, GS,SC) Business Elective Departmental List 2024-2025 Catalog Year	
ACCTG	241
AGEC	120,121, 200 and above
MANGT	220 and above
MKTG	250 and above
FINAN	450 and above
ENTRP	
ECON	110, 120, 300 and above
SALES	400 and above
NOTE: *Cannot take both ECON 120 OR AGECE 120/121*	

Bachelor's of Science - Horticulture Golf Course and Sports Turf Hospitality Elective Departmental List 2024-2025 Catalog Year	
HM	331,341,363, 421,423, 424,440,441,621

Bachelor's of Science - Horticulture Science Option Horticulture Elective Departmental List 2024-2025 Catalog Year	
HORT	300 and above

Bachelor's of Science - Horticulture Science Option Plant Science Elective Departmental List 2024-2025 Catalog Year	
HORT	300 and above
PLPTH	(not 500 or 590)
AGRON	300 and above
ENTOM	300 and above
BIOL	300 and above

Bachelor's of Science - Horticulture Science Option Writing Elective Departmental List 2024-2025 Catalog Year	
ENGL	300, 417, 516, 604

Fall 2024/Spring 2025