

<b>Checklist for the Horticulture option, 2025-26:</b>	<b>Credits</b>	<b>Completed 'X'</b>
SCIL 101 Science Literacy	3	
ACE 1 Written Communication from: ENGL 150, 151, 254, JGEN 120, 200 or 300	3	
ACE 2 Oral Communication from: ALEC 102, COMM 101, 209, 210, 215, 283, 286, JGEN 300, MRKT 257, TMFD 121	3	
Mathematics (ACE 3) - need 5 hours past college algebra, usually:		
MATH 102 (3 cr.) and	3	
STAT 218 (3 cr.)	3	
or MATH 106 (5 cr.) may replace MATH 102 and STAT 218		
ACE 5 Humanities	3	
ACE 6 Economics from: AECN 141, ECON 200, 211 or 212 (take 141 or 212 if taking AECN 200+ courses)	3	
ACE 7 Arts	3	
ACE 8 Ethics (free elective if SCIL 101 taken)	3	
ACE 9 Global Awareness	3	
ENTO 105 Natural History of Arthropods Associated with Plants - fall only	2	
ENTO 116 Insect Identification	1	
PLPT 210 Plant Pathogens and Disease - spring only	2	
CHEM 109A&L General Chemistry I and Lab or AGST 109	4	
PLAS 95 Plant & Landscape Systems Seminar - fall only	0	
PLAS 100 Plants, Landscapes, & the Environment - in-person fall, online spring	3	
PLAS 131 Plant Science (ACE 4)	3	
PLAS 135 Experiments in Plant Science - spring only	1	
PLAS 153 Soil Resources	4	
PLAS 215 Genetics	4	
PLAS 221 Plant Propagation - spring only	3	
PLAS 230 Technical Reporting in Plant and Landscape Systems - fall only	3	
PLAS 278 Botany - spring only	4	
PLAS 295 Internship	1	
PLAS 306 Greenhouse Practices and Management - spring only	3	
PLAS 395B Internship in Horticulture	1	
<i>Select 6 credits from: PLAS 212 or NRES 201, PLAS 213, or PLAS 214</i>	6	
PLAS 201 Dendrology: Study and Identification of Trees and Shrubs - fall only		
PLAS 212 Woody Plants for Landscapes or NRES 201 Dendrology - fall only		
PLAS 213 Cultivars and Varieties of Woody Plants for Landscapes - spring only		
PLAS 214 Herbaecous Landscape Plants - fall only		
<i>Select 3 credits of ecology from:</i>	3	
NRES 220 Ecology		
PLAS 245 Introducttion to Grassland Ecology and Management		

PLAS 270 Biological Invaders - fall only		
PLAS 440 Great Plains Ecosystems - spring only		
PLAS 487 Introduction to Landscape Ecology		
<i>Select 18 credits from:</i>	18	
PLAS 227 Introductory Turfgrass Management		
PLAS 307 Hydroponics - fall only		
PLAS 319 Edible Landscapes - fall only		
PLAS 325 Plant Physiology (4 cr.) - spring only		
PLAS 326 Landscape Solutions (4 cr.) - fall only		
PLAS 330 Pruning Ornamentals (1 cr.) - spring only		
PLAS 355 Foliage Plant Production (2 cr.) - fall only		
PLAS 356 Seasonal Plant Production (2 cr.) - spring only		
PLAS 430 Plant Diagnostics - fall only		
PLAS 439 Organic Farming - spring only		
PLAS 454 Specialty Crop Innovation - spring only		
PLAS 462 Cannabis Growth, Production, and Breeding Basics (2 cr.)		
PLAS 471 Vines, Wines, and You		
PLAS 478 Plant Anatomy (4 cr.) - fall only		
<i>Select 6 credits of business, entrepreneurship, communication, and leadership</i>	6	
Any ACCT, AECN, ALEC, BLAW, ECON, EAEP, FINA, MNGT, MRKT		
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<i>Select 9 credits of plant, soil and pest management:</i>	9	
Any PLAS, ENTO, PLPT, or NRES		
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<i>Select one of the following (ACE 10):</i>	3	
PLAS 403 Scientific Writing and Communication		
PLAS 435 Agroecosystems		
PLAS 469 Ecological Landscape Design		
PLAS 470 Critical Thinking In Landscape Management and Production - spring only		
PLAS 488 Entrepreneurship and Enterprise Development		
Free elective - any course	3	
Free elective - any course	3	
Three additional credits for free electives from above (waiving SCIL 101 or subbing ACE 8)		
<b>Total Credits</b>	<b>120</b>	

This checklist is a guide. Use it in conjunction with your degree audit, which can be found in MyRed.