



## Horticulture Associate in Applied Science Five Semester Pathway Academic Year 2024-2025

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
FIGS 100	Student Success Elective - Industrial Technology & Transportation Pathway				1	
ENGL 100	English Composition		ENGL 080		3	
BIOL 115	Botany & Lab	Offered Fall and Spring			4	
HORT 110	Woody Plant Materials	Offered Fall and Summer only			2	
HORT 130	Soils and Soil Fertility	Offered Fall only			3	
MATH 130 <i>OR</i> MATH 140	Technical Mathematics College Algebra		MATH 040		3	
<b>Semester 2</b>						
ACCT 105 <i>OR</i> BUSN 130	Financial Accounting <i>OR</i> Entrepreneurship		MATH 040	ENGL 100 or ENGL 101	3	
HORT 100	Introduction to Horticulture & Lab	Offered Spring only			3	
HORT 140	Integrated Pest Management & Lab	Offered Spring only			3	
HORT 150	Arboriculture & Lab	Offered Spring only	HORT 110		3	
HORT 180	Freshman Seminar	Offered Spring only- required during first year			1	
	Social Science Elective		See course prerequisites	See course corequisites	3	
<b>Summer</b>						
HORT 175	Placement Training		HORT 130, 140 and 110 or 200		3	
<b>Semester 3</b>						
HORT 200	Herbaceous Plant Materials	Offered Fall and Summer only	HORT 110 or Dept. Chair perm.		2	
HORT 210	Landscape Surveying and Mapping	Offered Fall only	MATH 112 or higher		2	
HORT 220	Landscape Management	Offered Fall only	HORT 110, 130		3	
HORT 230	Nursery & Garden Center Operations	Offered Fall only	HORT 110		3	
HORT 240	Turfgrass Management	Offered Fall only			2	
	Social Science Elective				3	
<b>Semester 4</b>						
HORT 120	Pruning	Offered Fall and Spring	HORT 110		1	
HORT 250	Greenhouse Management & Lab	Offered Spring only	HORT 130, 200		3	
HORT 280	Senior Seminar	Offered Spring only	HORT 175, 180		1	
HORT 290	Landscape Design	Offered Spring only	HORT 110, 200, 210		3	
ENGL 115	Introduction to Literature		ENGL 100 or ENGL 101		3	
	Fine Arts or Humanities Elective		See course prerequisites	See course prerequisites	3	
					<b>Total Credits</b>	<b>64</b>

[Advice on Choosing Electives](#)



## Horticulture

<b>General Education Requirements</b>					
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>PREREQUISITES</b>	<b>COREQUISITES</b>	<b>CREDITS</b>	<b>MET</b>
ENGL 100	English Composition	ENGL 080		3	
ENGL 115	Introduction to Literature	ENGL 100 or ENGL 101		3	
FIGS 100	Student Success Elective - Industrial Technology & Transportation Pathway			1	
MATH 130 or MATH 140	Technical Mathematics College Algebra	MATH 040		3	
BIOL 115	Botany & Lab			4	
	Fine Arts or Humanities Elective			3	
	Social Science Elective			6	

<b>Major Required Courses</b>					
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>PREREQUISITES</b>	<b>COREQUISITES</b>	<b>CREDITS</b>	<b>MET</b>
HORT 100	Introduction to Horticulture & Lab			3	
HORT 110	Woody Plant Materials			2	
HORT 120	Pruning	HORT 110		1	
HORT 130	Soils and Soil Fertility			3	
HORT 140	Integrated Pest Management & Lab			3	
HORT 150	Arboriculture & Lab	HORT 110		3	
HORT 175	Placement Training	HORT 130, HORT 140, and HORT 110 or HORT 200		3	
HORT 180	Freshman Seminar			1	
HORT 200	Herbaceous Plant Materials	HORT 110 or Department Chair Permission		2	
HORT 210	Landscape Surveying and Mapping	MATH 112 or higher		2	
HORT 220	Landscape Management	HORT 110, HORT 130		3	
HORT 230	Nursery & Garden Center Operations	HORT 110		3	
HORT 240	Turfgrass Management			2	
HORT 250	Greenhouse Management & Lab	HORT 130, HORT 200		3	
HORT 280	Senior Seminar	HORT 175, HORT 180		1	
HORT 290	Landscape Design	HORT 110, HORT 200, HORT 210		3	
<b>Choose either Financial Accounting or Entrepreneurship:</b>					
ACCT 105	Financial Accounting	MATH 040	ENGL 100 or ENGL 101	3	
BUSN 130	Entrepreneurship	MATH 040	ENGL 100 or ENGL 101	3	