

Northwest Missouri State University School of Agricultural Sciences Agronomy – Horticulture (Comprehensive Major) Bachelor of Science

Term 1	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Fine Art	·	3	·
77-101	University Seminar		1	
10-111	Composition I		3	
03-130	Plant Science		4	2
29-102	Fundamentals of Oral Comm.		3	
		Total Hours	14	
Term 2	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
24-112/113 OR	General Chemistry & Lab OR		4	2
24-114/115	General Chemistry I & Lab			
10-112	Composition II		3	
	Digital Literacy		3	
03-232	Crop Production		3	2
03-296	Seminar		1	2
		Total Hours	14	
Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
17-114	Math Requirement (17-114 recommended)		3	
03-292	Intro To Ag Pesticides		3	2
03-234	Fundamentals of Soil Science		4	2
	Humanities		3	
33-155/156	American Experiences		3	
		Total Hours	16	
Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
03-440	Intro to Precision Agriculture		3	2
	Social Science		3	
34-102	Intro to American Gov. & Politics		3	
03-238	Techniques of Crop Scouting		2	
	Elective		3	
		Total Hours	14	
				0.01
Term 5	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
03-381	Applied Entomology		3	3
03-336	Crop Physiology	03-130 Plant Science	3	3
03-285	Greenhouse Crop Production	03-130 Plant Science	3	3
10-220	Introduction to Lit		3	
03-534	Plant Breeding	03-130 Plant Science	3	3
		Total Hours	15	
Term 6	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
03-536	Soil Fertility	03-234 Soil Science	3	3

⁼ a milestone course completed by end of year 1 to remain on pace to finish degree requirements in four years.

= a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.

= a milestone course completed by end of year 3 to remain on pace to finish degree requirements in four years.

= a milestone course taken in final year to complete degree requirements.



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Total Program Hours			120	
		Total Hours	17	
	Elective		2	
	Elective		3	
	agronomy/horticulture			
	Advisor approved electives in		3	
	Advisor approved electives in agronomy/horticulture		3	
03-499	PB integrated Experience		1	
03-536	Soil Fertility		3	
Term 8	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
		Total Hours	15	
	Elective		3	
03-482	Research in Hydroponic Crop Production			
03-331 or	Integrated Crop Management or		3	
	agronomy/horticulture		.	
	Advisor approved electives in		3	
	agronomy/horticulture		5	
	Humanities Advisor approved electives in		3	
Term 7	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
		Total Hours	15	
	agronomy/horticulture			
	Advisor approved electives in		3	
	Social Science		3	
03-380	Plant Propagation	03-130 Plant Science	3	3
03-582	Plant Diseases	03-130 Plant Science	3	3

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= a milestone course taken in final year to complete degree requirements.