



Northwest Missouri State University
School of Agricultural Sciences
Technology Systems Management for Agricultural Mechanics and Manufacturing
Bachelor of Science

First Year – First Semester			First Year – Second Semester		
Course #	Course Title	Cr Hrs	Course #	Course Title	Cr Hrs
03-112	Intro to Mechanical Systems for Ag Manufacturing	3	03-102	Principles of Microeconomics in Ag	3
	Digital Literacy: NW Core	3	10-112	Composition II	3
77-101	University Seminar	1	24-112/113	General Chemistry & Lab	4
10-111	Composition I	3	03-296	Seminar	1
29-102	Oral Communication	3	17-114	General Statistics	3
	Total Hours	13		Total Hours	14

Second Year – First Semester			Second Year – Second Semester		
Course #	Course Title	Cr Hrs	Course #	Course Title	Cr Hrs
	Fine Arts: NW Core	3	03-234	Fundamentals of Soil Science	4
03-130	Plant Science	4	33-155 or 33-156	American Experiences History: NW Core	3
	Social Science	3	03-232	Crop Production	3
03-212	Safety in Ag & Manufacturing	2	51-201	Accounting I	3
03-***	Agricultural Elective – Advisor Approved	3	03-319	Principles of Facility Management	2
	Total Hours	15		Total Hours	15

Third Year – First Semester			Third Year – Second Semester		
Course #	Course Title	Cr Hrs	Course #	Course Title	Cr Hrs
33-102	American Experiences Political Science: NW Core	3		Humanities: NW Core	3
03-317 and/or 03-316	Applied Robotics and/or Applied Mechanical Systems	2-4	03-312	Agricultural Welding	2
10-220	Intro to Literature: NW Core	3	03-314 and/or 03-315	Applied AC/DC Electricity and/or Applied Mechatronics	2-4
03-440	Intro to Precision Agriculture	3	03-444	Precision Agricultural Services	3
03-150	Animal Science	4	32-365	Geographic Information Systems	3
	Total Hours	15-17		Total Hours	13-15

Fourth Year – First Semester			Fourth Year – Second Semester		
Course #	Course Title	Cr Hrs	Course #	Course Title	Cr Hrs
03-510	Techniques in Agricultural Surveying	2	03-499	Profession-Based Integrated Experience	1
03-443	Precision Agriculture for Production	3	03-301	Professional Selling in Agriculture	3
54-313	Principles of Management	3	03-414	Remote Sensing in Agriculture	3
	Humanities: NW Core	3		Elective	3
	Elective	3		Elective	3
				Elective	3
	Total Hours	14		Total Hours	16