

AGRICULTURAL SYSTEMS MANAGEMENT

2023/2024 Four-Year Plan

This document is for planning purposes only. For official degree information, refer to Degree Audit and speak with your advisor.

YEAR 1 • FALL	PLSC 102 (F) The Science of Plants in Agriculture	3	YEAR 1 • SPRING	ASM 107 Beginning Welding	3
	ASM 112 (F) Intro to Agricultural Systems Management	3		BUS 190 Integrated Business	3
	ASM 200 (F) Seminar	1		ENGL 102 College Writing & Rhetoric (Test Scores/ENGL 101)	3
	MATH 143, 160 or 170 Math Core (Test Scores/MATH 108)	3		ELECTIVE General Education	3
	ENGL 101 Introduction to College Writing (Test Scores, ENGL 109)	3		CHEM 101/101L or 111/111L Introduction to Chemistry (Test Scores/CHEM 101/MATH 143)	4
	COMM 101 Public Speaking	2			
	TOTAL CREDITS	15		TOTAL CREDITS	16
YEAR 2 • FALL	PHYS 111/111L Fundamentals of Physics (MATH 143)	4	YEAR 2 • SPRING	BIOL 102 /102L Biology & Society	4
	ELECTIVE American Diversity	3		ASM 240 Computer Applications in Biophysical Systems	3
	BLAW 265 Legal Environment of Business	3		ECON 202 Principles of Microeconomics	3
	ELECTIVE General Education	3		SOIL 205/206 The Soil Ecosystem (CHEM 111)	4
	ACCT 201 Intro to Financial Accounting	3			
	TOTAL CREDITS	16		TOTAL CREDITS	14
YEAR 3 • FALL	ASM 315 (F, Odd Years) Irrigation Systems & Water Management (SOIL 205, MATH CORE)	3	YEAR 3 • SPRING	ASM 409 (S, Odd Years) Agricultural Tractors, Power Units & Machinery Management	4
	STAT 251 Statistical Methods (MATH 108, 143, 160 or 170)	3		ASM 202 Agricultural Shop Practices	3
	AGEC 278 (F) Farm & Agribusiness Management	4		AGEC 289 (S) Agricultural Markets & Prices	3
	ENGL 313 or 317 Business Writing or Technical Writing (ENGL 102; Sophomore or Junior)	3		ELECTIVE Agriculture or Technology	3
	ASM 331 (F, Odd Years) Electric Power Systems for Agriculture	3		ELECTIVE Life Science	3
	TOTAL CREDITS	16		TOTAL CREDITS	16
YEAR 4 • FALL	AGED 406 (F) or SOC 350 Exploring International Agriculture or Food, Culture & Society	3	YEAR 4 • SPRING	ELECTIVE Agriculture or Technology	3
	AGEC 356 (F) Agricultural & Rural Policy	3		SOIL 446 Soil Fertility	3
	ASM 305 (F) GPS & Precision Agriculture	3		ELECTIVE Upper Division AGECEC	3
	ELECTIVE Humanities	3		SOIL 438 Pesticides in the Environment	3
	ELECTIVE Agriculture or Technology	3			
	TOTAL CREDITS	15		TOTAL CREDITS	12

COURSE # Course Name (Prerequisites, Co-Requisites)

F = FALL, S = SPRING



AGRICULTURAL SYSTEMS MANAGEMENT

Explore the design and operation of equipment and systems to maximize their use and management in agriculture. Learn how to collect, analyze and manage data with courses in business, agricultural systems and computer technology to become a professional in agricultural systems management.

Career Options

- Production Farm or Ranch Manager
- Agriculture Sales Agent
- Geospatial Information Scientist
- Technical Support
- Sales or Service Manager
- Agricultural Technician
- Precision Agriculture Specialist



Fast Facts

- State-of-the-art management programs in the computing lab.
- Hands-on training in shop practices, welding, electric power and machinery labs.
- Learn GPS and precision agriculture practices.
- Augment your knowledge with the new precision agriculture certificate.
- Get involved with the Agricultural Systems Management student club and network with future employers.