



Bachelor of Science in Agriculture GIS & Precision Agriculture

Problems Or Questions Regarding Registration? Please Email Us At OnlineAdvising@astate.edu

Must Have 35 Hours of General Education Courses for a Bachelor's Degree at Arkansas State University

X = Offered Every Year

XE = Offered "Even" Years (e.g. 2022, 2024 etc.)

XO = Offered "Odd" Years (e.g. 2023, 2025 etc.)

Fall Term 1	Fall Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
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CORE COURSES (18 Hours)

SELECT THREE OF THE FOLLOWING (9 HOURS)

AGEC	1003	Intro to Agricultural Business			X		
ANSC	1613	Intro to Animal Science			X		
PSSC	1303	Intro to Plant Science	X				
PSSC	2813	Soils		X			

REQUIRED CORE COURSE (3 HOURS)

GIS	2003	Introduction to GIS & Precision Agri	X (2025)		X (2025)	X (2024)	
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SELECT ONE OF THE FOLLOWING (3 HOURS)

AGRI	3233	Applied Agricultural Statistics					X
STAT	3233	Applied Statistics I			X		X
TECH	3773	Statistics			X		X

SELECT ONE OF THE FOLLOWING (3 HOURS)

AGRI	3103	Regenerative Agri Fundamentals				X	
AGRI	420V	Internships in Agriculture				X	X



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MAJOR REQUIREMENTS (64 Hours)								
AGRI	4223	Agriculture & the Environment			X			
GIS	3503	Geospatial Data Applications	X (2025)		X (2025)	X (2024)		
GIS	3543	Fundamentals of GIS & GPS		X (2025)		X (2025)	X (2024)	
GIS	4003	Modern Irrigation Systems				X		
GIS	4503	Agricultural Decision Tools & Analysis		X				
GIS	4511	Unmanned Aircraft Systems		X				
GIS	4543	Understanding Geographic Info Systems	X					
GIS	4773	Remote Sensing			X (2025)			
GIS	4843	GIS & Precision Agri Capstone				X (2025)		
ISBA	1503	Microcomputer Applications	X				X	
SELECT ONE OF THE FOLLOWING FIVE COURSES BELOW (3 HOURS)								
GEOG	3723	Intro to Physical Geo Weather & Climate						
GEOG	4113	Water Resources Planning						
GEOG	4613	Conservation of Natural Resources						
GEOG	4623	Environmental Management						
GEOG	4633	Climatology						
SELECT TWO OF THE FOLLOWING SIX COURSES BELOW (6 HOURS)								
BCOM	2503	Business Communication		X		X		
COMS	2243	Principles of Argumentation				X		
COMS	2373	Intro to Interpersonal Communication				X		
COMS	3203	Business & Professional Communication			X			
COMS	3243	Principles of Persuasion	X					
COMS	4263	Organizational Communication	X					



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SELECT 2 UPPER-LEVEL PSSC COURSES (6 HOURS) & 7 ADDITIONAL UPPER-LEVEL ELECTIVES (21 HOURS)

ELECTIVES FROM AGECE, AGED, ANSC, AGRI, GIS, PSSC, HORT (43 HOURS)

AGEC	3013	Decision Tools for Agribusiness					X	
AGEC	3063	Agricultural Entrepreneurship				X		
AGEC	4083	Agricultural Policy & Current Issues						X
AGRI	3103	Regenerative Agriculture Fundamentals				X		
AGRI	3233	Applied Agriculture Fundamentals					X	
AGRI	4223	Agriculture & the Environment Sem.			X			
AGRI	420V	Internships in Agriculture					X	X
GIS	3503	Geospatial Data Applications	X (2024)		X			X
GIS	3543	Fundamentals of GIS & GPS		X (2024)		X		
GIS	4003	Modern Irrigation				X		
GIS	4503	Agricultural Decision Tools & Analysis		X (2024)				
GIS	4511	Unmanned Aircraft Systems Sem.	X (2024)					
GIS	4543	Understanding Geographic Info Systems		X (2024)				
GIS	4773	Remote Sensing			X			
GIS	4843	Agricultural Systems Tech Capstone				X		



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ELECTIVES FROM AGECE, AGED, ANSC, AGRI, GIS, PSSC, HORT CONTINUED (43 HOURS)								
HORT	3253	Urban Forestry				X		
PSSC	3802	Pasture & Forage Crops	X					
PSSC	4853	Soil & Water Conservation			X			
PSSC	489V	Special Problems in Plant & Soil Science		X		X		
PROGRAM REQUIRED GENERAL EDUCATION								
Both BIOL Courses must be taken together; Both CHEM Courses must be taken together								
COMS	1203	Oral Communication	X		X		X	
BIOL	1001	Biological Science Lab			X		X	
BIOL	1003	Biological Science			X		X	
CHEM	1041	Fundamental Concepts of Chem Lab		X				
CHEM	1043	Fundamental Concepts of Chem		X				
GEO	2613	Introduction to Geography						
MAKING CONNECTIONS (3 HOURS)								
UC	1013	Making Connections		X		X		