

Agricultural Systems Management<https://ag.purdue.edu/oap/Pages/major.aspx>

120 credits required for graduation

Credits	Course number	Course Title
Departmental/Program Major Courses (119 credits)		
Required Major Courses (22 credits)		
3	ASM 10400	Introduction to Agricultural Systems Management
3	ASM 10500	Agricultural Systems Computations and Communications
3	ASM 21100	Technical Graphic Communication
1	ASM 22100	Career Opportunities Seminar
3	ASM 22200	Crop Production Equipment
3	ASM 33300	Facilities Planning and Management
1	ASM 35000	Safety in Agriculture
1	ASM 42100	Senior Seminar
1	ASM 49400	Project Planning and Management
3	ASM 49500	Agricultural Systems Management
Major Selectives (12 credits) (See Advising Resources)		
3	-----	ASM Selective
3	-----	ASM Selective
3	-----	ASM Selective
3	-----	ASM 40000+ Selective
Other Departmental /Program Course Requirements (85 credits) (See Advising Resources)		
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University
0.5	AGR 11100	Introduction to ABE Programs
3	CHM 11100	General Chemistry (satisfies Science #1 for core)
3	CHM 11200	General Chemistry (satisfies Science #2 for core)
3	MA 15910	Introduction to Calculus (satisfies Quantitative Reasoning for core)
3	PHYS 21400	The Nature of Physics
4	-----	<u>Biological Science Selective</u>
4	-----	<u>Biological Science Selective</u>
	AGEC 31000 or	
3	AGEC 33000	Farm Organization or Management Methods for Agricultural Business
3	AGEC 33100	Principles of Selling in Agricultural Business
3	AGEC 35200	Quantitative Decision Making
	AGEC 45500 or	
3	MGMT 45500	Agricultural Law or Legal Background for Business, I
3	AGRY 25500	Soil Science
3	STAT 30100	Elementary Statistical Methods
3	-----	Accounting Selective
3	-----	Agricultural Selective
3	-----	Agricultural Selective
3	-----	Agricultural Selective
3	-----	Agricultural Selective
3	-----	Marketing Selective
		First-Year Composition (satisfies Written Communication for core) (satisfies Information
4	ENGL 10600	Literacy for core)
	COM 11400 or	Fundamentals of Speech Communication (satisfies Oral Communication for core) or
3	COM 21700	Scientific Communication
3	-----	<u>Written or Oral Communication Selective</u>
3	-----	<u>Economics Selective (satisfies Human Culture Behavioral/Social Science for core)</u>
3	-----	<u>UCC Humanities Selective (satisfies Human Cultures Humanities for core)</u>
3	-----	<u>UCC STS Selective (satisfies Science, Technology & Society Selective for core)</u>
3	-----	<u>Humanities or Social Science Selective</u>
3	-----	<u>Humanities or Social Science Selective</u>
3	-----	<u>Humanities or Social Science Selective (30000+ level)</u>
Electives (1 credits)		
1	-----	Elective

University Core Requirements:

Human Cultures Humanities: _____

Human Cultures Behavioral/Social Science: _____

Information Literacy: _____

Science #1: _____

Science #2: _____

Science, Technology, and Society: _____

Written Communication: _____

Oral Communication: _____

Quantitative Reasoning: _____

College of Agriculture & University Level Requirements:

2.0 GPA required for Bachelor of Science degree.

32 Upper division credits taken from Purdue

9 credits International Understanding: _____

3 credits Multicultural Awareness: _____

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Credits	Course number	Course Title	Prerequisites	Credits	Course number	Course Title	Prerequisites
Fall 1st Year				Spring 1st Year			
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University		3	ASM 10500	Agricultural Systems Computations and Communications	pre/co:ASM 10400
0.5	AGR 11100	Introduction to ABE Programs		3	CHM 11200	General Chemistry	CHM 11100
3	ASM 10400	Introduction to Agricultural Systems Management		4	ENGL 10600	First-Year Composition	
3	CHM 11100	General Chemistry		3	PHYS 21400	The Nature of Physics	
3	COM 11400 or COM 21700	Fundamentals of Speech or Scientific Communication		3	-----	Economics Selective	
3	MA 15910	Introduction to Calculus	ALEKS 60+				
3	-----	UCC Humanities Selective					
16				16			

Fall 2nd Year				Spring 2nd Year			
3	ASM 21100	Technical Graphic Communication	ASM 10500	3	AGEC 35200	Quantitative Techniques for Firm Decision Making	STAT 30100
1	ASM 22100	Career Opportunities Seminar	pre/co: ASM 10400	3	AGRY 25500	Soil Science	CHM 11200
3	ASM 22200	Crop Production Equipment	ASM 10500	3	-----	ASM Selective	
3	STAT 30100	Elementary Statistical Methods		4	-----	Biological Science Selective	
4	-----	Biological Science Selective		3	-----	UCC Science, Technology, & Society Selective	
14				16			

Fall 3rd Year				Spring 3rd Year			
3	AGEC 33100	Principles of Selling in Agricultural Business		3	AGEC 31000 or AGEC 33000	Farm Organization or Management Methods for Agricultural Business	
3	-----	Accounting Selective		3	ASM 33300	Facilities Planning and Management	ASM 10500
3	-----	ASM Selective		1	ASM 35000	Safety in Agriculture	
3	-----	Written or Oral Communication Selective		3	-----	Agricultural Selective	
3	-----	Marketing Selective		3	-----	Humanities or Social Science Selective	
	-----			3	-----	Humanities or Social Science Selective	
15				16			

Fall 4th Year				Spring 4th Year			
3	AGEC 45500 or MGMT 45500	Agricultural Law or Legal Background for Business 1		3	ASM 49500	Agricultural Systems Management	ASM 49400
1	ASM 42100	Senior Seminar	ASM 22100	3	-----	ASM 40000+ Selective	
1	ASM 49400	Project Planning and Management	ASM 22100	3	-----	Agricultural Selective	
3	-----	ASM Selective		3	-----	Humanities or Social Science Selective (30000+ level)	
3	-----	Agricultural Selective		1	-----	Elective	
3	-----	Agricultural Selective					
14				13			

120 semester credits required for Bachelor of Science degree.
2.0 GPA required for Bachelor of Science degree.

The highlighted course is considered critical; timely progress toward the degree depends upon steady progress through each course in the plan of study, but this course, in particular, should be completed by the semester indicated.

Consultation with an advisor may result in an altered plan customized for an individual student.

Official and complete prerequisite lists are in the course catalog; the incomplete listing presented here regards this program and course sequencing.