

**Departmental/Program Major Courses (49 credits)**

**Required Major courses (22 credits)**

- \_\_\_\_\_ (3) ASM 10400 Introduction to Agricultural Systems
- \_\_\_\_\_ (3) ASM 10500 Computing Technology with Application
- \_\_\_\_\_ (3) ASM 21100 Technical Graphics Communications
- \_\_\_\_\_ (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 Capstone Project ([satisfies COA Capstone or Experience Selective](#))

**Major Course Selectives (27 credits)**

**Major Selectives (12 credits)**

- \_\_\_\_\_ (3) ASM 23600 Environmental Systems Management ([satisfies a UCC Science, Technology & Society requirement](#))
- OR \_\_\_\_\_ (3) ASM 24500 Material Handling and Processing
- \_\_\_\_\_ (3) ASM 34500 Power Units and Power Trains
- \_\_\_\_\_ (3) ASM 42000 Electric Power and Controls
- \_\_\_\_\_ (3) ASM Major Selective (any ASM course 40000+ level)

**Agriculture Selectives (15 credits)**

- \_\_\_\_\_ (3) AGECE 31000 Farm Organization
- OR \_\_\_\_\_ (3) AGECE 33000 Management Methods for Agriculture Business
- \_\_\_\_\_ (12) [Agricultural Selectives](#) (four or more courses)

**Other Department/Program Course Requirements (67-70 credits)**

- \_\_\_\_\_ (0.5) AGR 10100 Introduction to the College of Agriculture and Purdue University
- \_\_\_\_\_ (0.5) AGR 11100 Introduction to Agricultural and Biological Engineering Academic Programs
- \_\_\_\_\_ (3) AGECE 20300 ([satisfies UCC Human Cultures: Behavioral/Social Sci requirement & COA Economics selective](#))
- OR (3) ECON 25100 ([satisfies UCC Human Cultures: Behavioral/Social Sci requirement & COA Economics selective](#))
- \_\_\_\_\_ (3) AGECE 33100 Principles of Industrial Selling
- \_\_\_\_\_ (3) AGECE 35200 Quantitative Techniques for Firm Decision Making
- \_\_\_\_\_ (3) AGRY 25500 Soil Science
- \_\_\_\_\_ (3) CHM 11100 General Chemistry I ([satisfies a UCC Science requirement](#))
- \_\_\_\_\_ (3) CHM 11200 General Chemistry II ([satisfies a UCC Science requirement](#))
- \_\_\_\_\_ (3) MA 16010 Applied Calculus I ([satisfies UCC Quantitative Reasoning requirement](#))
- \_\_\_\_\_ (3) MGMT 20000 Introductory Accounting
- OR \_\_\_\_\_ (3) MGMT 21200 Business Accounting
- \_\_\_\_\_ (3) MGMT 45500 Legal Background for Business
- OR \_\_\_\_\_ (3) AGECE 45500 Agriculture Law
- \_\_\_\_\_ (3) PHYS 21400 The Nature of Physics ([satisfies COA Additional Math and/or Science Selective](#))
- \_\_\_\_\_ (3) STAT 30100 Elementary Statistical Methods ([satisfies a UCC Information Literacy requirement](#))
- \_\_\_\_\_ (3) [Marketing Selective](#)
- \_\_\_\_\_ (8) [Biological Science Selective](#) (two or more courses)
- \_\_\_\_\_ (3) [Human Cultures: Humanities Selective](#) ([satisfies UCC Human Cultures: Humanities requirement](#))
- \_\_\_\_\_ (6) [Humanities or Social Science Selective](#) (two or more courses)
- \_\_\_\_\_ (3) [Humanities or Social Science Selective](#) (30000+ level)
- \_\_\_\_\_ (3) [Oral Communication Selective](#) ([satisfies UCC Oral Communication requirement](#))
- \_\_\_\_\_ (1-3) [Science, Technology & Society Selective](#) ([satisfies UCC Science, Technology & Society Selective requirement](#))
- \_\_\_\_\_ (3-4) [Written Communication Selective](#) ([satisfies UCC Written Communication requirement](#))
- \_\_\_\_\_ (3) [Written or Oral Communication Selective](#) (20000+ level)
- \_\_\_\_\_ [International Understanding](#) (9 credits - may be met with UCC or COA Core Requirements)
- \_\_\_\_\_ [Multicultural Awareness](#) (3 credits - may be met with UCC or COA Core Requirement)

**Electives (1-4 credits)**

- \_\_\_\_\_ (1-4) \_\_\_\_\_

The student is ultimately responsible for knowing and completing all degree requirements.  
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**Suggested Arrangement of Courses**

**Note that course placement is dependent upon both pre-requisite requirements as well as limited offering terms (i.e. course may only be offered in Fall or Spring terms – not both)**

Please see your academic advisor for other options creating your personalized plan of study

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
0.5	<b>AGR 10100</b> <sup>†</sup>		3	<b>ASM 10500</b> <sup>‡</sup>	MA 15800
0.5	<b>AGR 11100</b> <sup>†</sup>	co: AGR 10100	3	<b>CHM 11200</b> <sup>*</sup>	CHM 11100
3	<b>ASM 10400</b>		3	<b>PHYS 21400</b>	
3	<b>CHM 11100</b> <sup>*</sup>		3-4	<b><u>Written Communication Selective</u></b> <sup>*</sup>	
3	<b>MA 16010</b> <sup>*</sup>	ALEKS score ≥ 75	3	<b>AGEC 20300 or ECON 25100</b>	
3	<b><u>UCC Human Cultures: Humanities Selective</u></b> <sup>*</sup>				
3	<b><u>Oral Communication Selective</u></b> <sup>*</sup>				
<b>16</b>			<b>15-16</b>		

Credits	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	<b>ASM 21100</b> <sup>†</sup>	ASM 10500	3	<b>AGEC 31000</b> <sup>‡</sup> or <b>AGEC 33000</b>	
1	<b>ASM 22100</b> <sup>†</sup>	ASM 10400	3	<b>AGRY 25500</b>	
3	<b>ASM 22200</b> <sup>†</sup>	ASM 10500, PHYS 21400	3	<b>ASM 23600</b> <sup>†</sup> or <b>ASM 24500</b> <sup>‡</sup>	ASM 10500
3	<b>STAT 30100</b> <sup>*</sup>		3	<b>ASM 33300</b> <sup>‡</sup>	ASM 10500, ASM 21100
4	<b><u>Biological Science Selective</u></b>		4	<b><u>Biological Science Selective</u></b>	
<b>14</b>			<b>16</b>		

Credits	Fall 3rd Year	Prerequisite	Credits	Spring 3rd Year	Prerequisite
3	<b>AGEC 33100</b>		3	<b>ASM 34500</b> <sup>‡</sup>	ASM 22200
3	<b>AGEC 35200</b>	STAT 30100	1	<b>ASM 35000</b> <sup>‡</sup>	
3	<b><u>Agricultural Selective</u></b>		3	<b>ASM 42000</b> <sup>‡</sup>	PHYS 21400
1-3	<b><u>Science, Technology &amp; Society Selective</u></b> <sup>*</sup>		3	<b>MGMT 20000 or MGMT 21200</b>	
3	<b><u>Written or Oral Communication Selective (20000+ level)</u></b>		3	<b><u>Humanities or Social Science Selective</u></b>	
			3	<b><u>Marketing Selective</u></b>	
<b>13-15</b>			<b>16</b>		

Credits	Fall 4th Year	Prerequisite	Credits	Spring 4th Year	Prerequisite
1	<b>ASM 42100</b> <sup>†</sup>	ASM 22100	3	<b>ASM 49500</b> <sup>‡</sup>	ASM 49400
1	<b>ASM 49400</b> <sup>†</sup>	ASM 22100	3	<b><u>Agricultural Selective</u></b>	
3	<b>AGEC 45500</b> <sup>†</sup> or <b>MGMT 45500</b> <sup>†</sup>		3	<b><u>ASM Major Selective (40000+)</u></b>	
3	<b><u>Agricultural Selective</u></b>		3	<b><u>Humanities or Social Science Selective (30000+)</u></b>	
3	<b><u>Agricultural Selective</u></b>		1-4	<b>Elective</b>	
3	<b><u>Humanities or Social Science Selective</u></b>				
<b>14</b>			<b>13-16</b>		

\* Fulfills University [Undergraduate Core Curriculum \(UCC\) Requirement](#).

† Indicates Fall only course

‡ Indicates Spring only course

[International Understanding](#) (9 credits - may be met with UCC or COA Core Requirements)

[Multicultural Awareness](#) (3 credits - may be met with UCC or COA Core Requirement)

120-semester credit hours and 2.00 minimum GPA are required for Bachelor of Science degree completion

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