

**AGRICULTURE: AGRIBUSINESS AND OPERATIONS MANAGEMENT****Bachelor of Science (BS)**

This is a guide based on the 2026-2027 Undergraduate Catalog and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use Degree Works to monitor their individual progress.

**CURRICULUM CHECKLIST****120 Total Hours****85 Hours in Major – No minor required****Required Courses (23 Hours):**

- ☐ AG111 Agribusiness Orientation (1)  
☐ AG140 Communicating in Agriculture (1)  
☐ AG245 Agricultural Economics (3)  
☐ AG355 Agriculture Seminar & Career Preparation (2)  
☐ AG465 Agriculture Internship (3-6)  
☐ OR ☐ AG469 Undergraduate Research (3)  
☐ AO120 Introduction to Plant Science (3)  
☐ AO125 Introduction to Plant Science Lab (1)  
☐ AY101 Introduction to Animal Science (3)  
☐ HO110 Introduction to Horticulture (3)  
☐ MG301 Principles of Management (3)

**Major Required Courses (42 Hours)**

- ☐ AG201 World, Food & Society (3)  
☐ AG208 Agribusiness Data Analysis (3)  
☐ AG334 Agribusiness Finance (3)  
☐ AG340 Agriculture Safety (3)  
☐ AG433 Agricultural Policy & Emerging Issues (3)  
☐ AG447 Commodity Markets in Agriculture (3)  
☐ AG480 Farm & Ranch Management (3)  
☐ AG512 Crisis Mgmt & Biosecurity Risk in Agriculture (3)  
☐ AG520 Agriculture Connections & Org Behavior (3)  
☐ AG581 Agribusiness Logistics (3)  
☐ ER361 Principles of Entrepreneurship (3)  
☐ MG356 Foundations of HR Management (3)  
☐ MG362 Management Skills (3)  
☐ MK301 Principles of Marketing (3)

**Choose 1 Advising Track:****Agribusiness Advising Track (20 Hours)**

- ☐ AC221 Principles of Accounting (3)  
☐ AG313 Agribusiness Social Media (3)  
☐ AG515 Agribusiness Communications (3)  
☐ 3 hours in any MG, ER, AC, FI, BA or MK course  
☐ 8 hours in any AG, AO, AY or HO course

**Operations Management Advising Track (20 Hours)**

- ☐ AG303 Agricultural Mechanization (3)  
☐ AG440 Precision Agriculture (3)  
☐ IM301 Industrial Safety Supervision (3)  
☐ 3 hours in any CM, ET, IM, or MN course  
☐ 8 hours in any AG, AO, AY, or HO course

**Additional Requirements:****Choose 4 hours:**

- ☐ CH181/184 Basic Principles of Chemistry and Lab (4)  
☐ CH184/185 General Chemistry I and Lab (4)

**Choose 3 hours:**

- ☐ MA116 Precalculus A (3)  
☐ MA155 Statistical Reasoning (3)

**General Education Requirements** – some requirements may be fulfilled by coursework in major program

- Social and Behavioral Sciences – 6 hours
- Constitution Requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)
- Civics examination

**SAMPLE FOUR-YEAR PLAN**

|                | Fall Semester         |           | Spring Semester   |           |
|----------------|-----------------------|-----------|-------------------|-----------|
|                | Course #              | Hrs       | Course #          | Hrs       |
| FIRST YEAR     | UI100                 | 1         | AG208             | 3         |
|                | AG201                 | 3         | AG140             | 1         |
|                | AG111                 | 1         | AO120/125         | 4         |
|                | MA116 or MA155        | 3         | General Education | 3         |
|                | General Education     | 3         | General Education | 3         |
|                | General Education     | 3         |                   |           |
|                | <b>Total</b>          | <b>14</b> | <b>Total</b>      | <b>14</b> |
| SECOND YEAR    | AG245                 | 3         | HO110             | 3         |
|                | AY101                 | 3         | MG301             | 3         |
|                | AG334                 | 3         | AG340             | 3         |
|                | Chemistry Requirement | 4         | Track Option      | 3         |
|                | Track Option          | 3         | Track Option      | 2         |
|                | <b>Total</b>          | <b>16</b> | <b>Total</b>      | <b>14</b> |
| THIRD YEAR     | AG433                 | 3         | AG355             | 2         |
|                | AG447                 | 3         | AG480             | 3         |
|                | MG356                 | 3         | MG362             | 3         |
|                | General Education     | 3         | General Education | 3         |
|                | Track Option          | 3         | General Education | 3         |
|                | <b>Total</b>          | <b>15</b> | <b>Total</b>      | <b>14</b> |
| FOURTH YEAR    | AG512                 | 3         | AG520             | 3         |
|                | ER361                 | 3         | AG581             | 3         |
|                | MK301                 | 3         | Track Option      | 3         |
|                | Track Option          | 3         | Track Option      | 3         |
|                | General Education     | 3         | General Education | 3         |
|                | <b>Total</b>          | <b>15</b> | <b>Total</b>      | <b>15</b> |
| SUMMER SESSION |                       |           | AG465 or AG469    | 3         |

**Degree requirements for all students:** a minimum of 120 credit hours, completion of the General Education program, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Catalog or Degree Works for additional graduation requirements for your program.

A minimum 2.0 GPA in the major and overall are required to graduate with a BS degree.



Revised  
9/22/2026

**DEGREE MAP**  
**2026-2027**



**SOUTHEAST MISSOURI**  
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