# Crowder College

Crowder Associate of Arts in Agriculture - Animal Science Option to MSU Bachelor of Science in Animal Science

The following is a guide to graduation with completion of Crowder's Associate of Arts in Agriculture and MSU's Bachelor of Science in Animal Science. The degree may be completed on campus only. This is a comprehensive major meaning it does not require completion of a minor. Courses are sequenced to provide guidance and to help ensure that prerequisite requirements are met. Catalog Year: 2022-23. Date modified: 6.23.22. MSU Transfer Advisor: Dr. Gary Webb, [GaryWebb@MissouriState.edu](mailto:GaryWebb@MissouriState.edu), 417-837-2503. Finish in 4 Go Bears Missouri State University

### Crowder Year 1 Semester 1

Institutional Requirement

* Crowder Course ID/Title: AGRI 111 Ag College Orientation
* Credit Hours: 1
* MSU Equivalent: AGR 000
* Meets Core 42: No
* MSU Major Requirement: No

Major Course

* Crowder Course ID/Title: ANSC 114 Animal Science
* Credit Hours: 4
* MSU Equivalent: AGS 101/102
* Meets Core 42: No
* MSU Major Requirement: Yes

Oral Communications – 3 credit hours

* Crowder Course ID/Title: COMM 104 Fundamentals of Speech
* Credit Hours: 3
* MSU Equivalent: COM 115
* Meets Core 42: Yes
* MSU Major Requirement: No

Written Communications - 6 credit hours

* Crowder Course ID/Title: ENGL 101 English Composition
* Credit Hours: 3
* MSU Equivalent: ENG 110
* Meets Core 42: Yes
* MSU Major Requirement: No

Mathematical Sciences - 3 credit hours

* Crowder Course ID/Title: Choose one: MATH 135 Algebra for Calculus
* Credit Hours: 3
* MSU Equivalent: MTH 136
* Meets Core 42: Yes
* MSU Major Requirement: Yes

Semester 1 Total = 14 credit hours

### Crowder Year 1 Semester 2

Major Course

* Crowder Course ID/Title: AGEC 223 Ag Computer Applications
* Credit Hours: 3
* MSU Equivalent: ITC 000
* Meets Core 42: No
* MSU Major Requirement: No

Major Course

* Crowder Course ID/Title: AGRN 113 Crop Science
* Credit Hours: 3
* MSU Equivalent: AGP 103
* Meets Core 42: No
* MSU Major Requirement: Yes

Written Communications - 6 credit hours

* Crowder Course ID/Title: ENGL 102 Advanced English Composition
* Credit Hours: 3
* MSU Equivalent: ENG 210
* Meets Core 42: Yes
* MSU Major Requirement: No

Social/Behavioral Sciences – 9 credit hours (Must fulfill 2 disciplines)

* Crowder Course ID/Title: Choose one: HIST 106 U.S. History 1, HIST 107 U.S. History 2, PLSC 103 National, State, Local Government
* Credit Hours: 3
* MSU Equivalent: HST 121, HST 121, PLS 101
* Meets Core 42: Yes
* MSU Major Requirement: No

Natural Sciences – 7 credit hours - (Must fulfill 2 disciplines including one course with a lab component)

* Crowder Course ID/Title: BIOL 101 General Biology
* Credit Hours: 4
* MSU Equivalent: BIO 101/111
* Meets Core 42: Yes
* MSU Major Requirement: Yes

Semester 2 Total = 16 credit hours

### Crowder Year 2 Semester 3

Social/Behavioral Sciences - 9 credit hours - (Must fulfill 2 disciplines)

* Crowder Course ID/Title: AGEC 123 Principles of Ag Economics
* Credit Hours: 3
* MSU Equivalent: AGB 144
* Meets Core 42: Yes
* MSU Major Requirement: Yes

Core Elective – 5 hours required for Core 42

* Crowder Course ID/Title: Choose MOTR coded course(s) of your choice with the assistance of an advisor.
* Credit Hours: 3-4
* MSU Equivalent: Varies
* Meets Core 42: Yes
* MSU Major Requirement: No

Natural Sciences – 7 credit hours (Must fulfill 2 disciplines including one course with a lab component)

* Crowder Course ID/Title: Choose one: CHEM 101 Survey of Chemistry, CHEM 111 General Chemistry
* Credit Hours: 4-5
* MSU Equivalent: CHM 116/117, CHM 160/161
* Meets Core 42: Yes
* MSU Major Requirement: Yes

Humanities and Fine Arts - 9 credit hours (Must fulfill 2 disciplines)

* Crowder Course ID/Title: Choose one: ART 101, ART 106▲, ART 107, ART 110 ART 111, ASL 101, ASL 102, FREN 101, ENGL 109, ENG 203, ENGL 222, ENGL 225, ENGL 230, ENGL 235, ENGL 240, ENGL 245,  
  MUSC 101, MUSC 106\*▲, MUSC 107\*▲, MUSC 195\*▲, MUSC 196\*▲, MUSC 206\*▲, MUSC 207\*▲,  
  MUSC 295\*▲, MUSC 296\*▲, PHIL 101, PHIL 121, PHIL 201, PHIL 202, SPAN 101, SPAN 101, SPAN 102,  
  TA 205, HIST 101, HIST 102
* Credit Hours: 3
* MSU Equivalent: Varies
* Meets Core 42: Yes
* MSU Major Requirement: No

Semester 3 Total = 14 credit hours

### Crowder Year 2 Semester 4

Major Course

* Crowder Course ID/Title: ANSC 213 Feeds and Nutrition
* Credit Hours: 3
* MSU Equivalent: AGS 000
* Meets Core 42: No
* MSU Major Requirement: No

Major Elective

* Crowder Course ID/Title: AGRN 214 Fundamentals of Soil Science, ANSC 233 Horse Science
* Credit Hours: 4
* MSU Equivalent: AGN 215/216, AGS 161
* Meets Core 42: No
* MSU Major Requirement: Yes

Humanities and Fine Arts - 9 credit hours (Must fulfill 2 disciplines)

* Crowder Course ID/Title: Choose one: ART 101, ART 106▲, ART 107, ART 110 ART 111, ASL 101, ASL 102, FREN 101, ENGL 109, ENG 203, ENGL 222, ENGL 225, ENGL 230, ENGL 235, ENGL 240, ENGL 245,  
  MUSC 101, MUSC 106\*▲, MUSC 107\*▲, MUSC 195\*▲, MUSC 196\*▲, MUSC 206\*▲, MUSC 207\*▲,  
  MUSC 295\*▲, MUSC 296\*▲, PHIL 101, PHIL 201, PHIL 202, PHIL 121, SPAN 101, SPAN 102, TA 205,  
  HIST 101, HIST 102
* Credit Hours: 3
* MSU Equivalent: Varies
* Meets Core 42: Yes
* MSU Major Requirement: No

Humanities and Fine Arts - 9 credit hours (Must fulfill 2 disciplines)

* Crowder Course ID/Title: Choose one: ART 101, ART 106▲, ART 107, ART 110 ART 111, ASL 101, ASL 102, FREN 101, ENGL 109, ENG 203, ENGL 222, ENGL 225, ENGL 230, ENGL 235, ENGL 240, ENGL 245,  
  MUSC 101, MUSC 106\*▲, MUSC 107\*▲, MUSC 195\*▲, MUSC 196\*▲, MUSC 206\*▲, MUSC 207\*▲,  
  MUSC 295\*▲, MUSC 296\*▲, PHIL 101, PHIL 201, PHIL 202, PHIL 121, SPAN 101, SPAN 102, TA 205,  
  HIST 101, HIST 102
* Credit Hours: 3
* MSU Equivalent: Varies
* Meets Core 42: Yes
* MSU Major Requirement: No

Social/Behavioral Sciences - 9 credit hours - (Must fulfill 2 disciplines)

* Crowder Course ID/Title: Choose one ECON 201, ECON 202, GEOG 111, HIST 106, HIST 107, PLSC 103, PSYC 101, PSYC 211, SOC 101
* Credit Hours: 3
* MSU Equivalent: Varies
* Meets Core 42: Yes
* MSU Major Requirement: No

Semester 4 Total = 16  
Total Hours at OTC = 60  
Total Hours Applied Toward MSU Major Requirements: 25

\*One credit hour course ▲ May choose only one, falls under MOTR code 'PERF’

# Missouri State University

MSU Bachelor of Science in Animal Science after Crowder Associate of Arts in Agriculture - Animal Science Option

Date Modified: 6.23.22  
MSU Transfer Advisor: Dr. Gary Webb, [GaryWebb@MissouriState.edu](mailto:GaryWebb@MissouriState.edu), 417-837-2503

Courses are sequenced to provide guidance and to help ensure that prerequisite requirements are met.

Catalog Year: 2022-23

### MSU Year 3 Semester 1

Major Requirement

* MSU Course ID/Title: AGR 301 Agriculture Transfer Student Orientation
* Credit hours: 1

Major Requirement

* MSU Course ID/Title: AGS 302 Reproductive Physiology
* Credit hours: 3

Major Requirement

* MSU Course ID/Title: AGS 316 Animal Breeding
* Credit hours: 3

Major Requirement

* MSU Course ID/Title: AGR 300 Food and Agricultural Chemistry
* Credit hours: 3

Major Requirement

* MSU Course ID/Title: AGS 310 Animal Nutrition
* Credit hours: 3

General Elective\*\*

* MSU Course ID/Title: Work with your MSU advisor to identify courses that will complement your specific career goals.
* Credit hours: 3

Semester 1 Total: 16 Credit Hours

### MSU Year 3 Semester 2

Major Requirement

* MSU Course ID/Title: AGS 301 Physiology of Farm Animals
* Credit hours: 3

Major Requirement

* MSU Course ID/Title: AGS 311 Feeds and Feeding
* Credit hours: 3

Major Requirement

* MSU Course ID/Title: AGS 366 Livestock Enterprise Management
* Credit hours: 3

Major Requirement

* MSU Course ID/Title: Choose one: AGP 365 Grain Crops for Food, Feed and Energy, AGP 370 Forage Crops for Animals and the Environment
* Credit hours: 3

Major Requirement – Group A^

* MSU Course ID/Title: [Click here to view a complete list of all Group A courses](https://ag.missouristate.edu/AnimalScience/ProgramReq.htm).
* Credit hours: 2-3

Semester 2 Total: 15-16 Credit Hours

### MSU Year 4 Semester 3

Major Requirement – Group A or B^

* MSU Course ID/Title: [Click here to view a complete list of all Group A and B courses](https://ag.missouristate.edu/AnimalScience/ProgramReq.htm).
* Credit hours: 3-5

Major Requirement – Group B^

* MSU Course ID/Title: [Click here to view a complete list of all Group A and B courses](https://ag.missouristate.edu/AnimalScience/ProgramReq.htm).
* Credit hours: 3-5

Major Requirement – Group A^

* MSU Course ID/Title: [Click here to view a complete list of all Group A and B courses](https://ag.missouristate.edu/AnimalScience/ProgramReq.htm).
* Credit hours: 3-5

General Elective\*\*

* MSU Course ID/Title: Work with your MSU advisor to identify courses that will complement your specific career goals.
* Credit hours: 3

General Elective\*\*

* MSU Course ID/Title: Work with your MSU advisor to identify courses that will complement your specific career goals.
* Credit hours: 3

General Elective\*\*

* MSU Course ID/Title: Work with your MSU advisor to identify courses that will complement your specific career goals.
* Credit hours: 3

Summer Total = 15-17 Credit Hours

### MSU Year 4 Semester 4

General Elective\*\*

* MSU Course ID/Title: Work with your MSU advisor to identify courses that will complement your specific career goals.
* Credit hours: 3

Major Requirement – Group A or B^

* MSU Course ID/Title: [Click here to view a complete list of all Group A and B courses](https://ag.missouristate.edu/AnimalScience/ProgramReq.htm).
* Credit hours: 3-5

Major Requirement – Group A^

* MSU Course ID/Title: [Click here to view a complete list of all Group A courses](https://ag.missouristate.edu/AnimalScience/ProgramReq.htm).
* Credit hours: 2-3

Public Affairs Capstone Requirement

* MSU Course ID/Title: Choose one: AGS 432, AGS 452, AGS 453, AGS 461
* Credit hours: 3

Major Requirement

* MSU Course ID/Title: AGR 490 Agronomy/Horticulture Senior Seminar
* Credit hours: 1

Semester 4 Total: 14-16 Credit Hours  
Total Hours at MSU: 60-65  
Total Hours Overall: 120-125

\*\* Electives provide the opportunity to customize your degree program. Some elective credits may or may not be needed to bring total credit hours to a minimum of 120 credit hours and upper division hours (300+) to 40.

^ At least 8 hours are required for Group A, at least 5 hours are required for Group B, and an additional 8 hours are required from Groups A and B, to total at least 21 hours.

This information is provided as a guide only.

* Crowder students are strongly encouraged to meet with their major specific MSU transfer advisor early in their Crowder education to discuss the most appropriate Crowder coursework for their intended MSU major, MSU degree requirements, etc.
* Students are required to fulfill MSU graduation and GPA requirements to receive a degree and should consult with their MSU advisor and the MSU undergraduate catalog for details, as there may exist pre-requisite requirements as well as periodicity limitations that could affect scheduling sequences.
* Please note that transfer students from Missouri public colleges and universities may follow the general education and general baccalaureate degree requirements in effect at Missouri State when they first enrolled (or re-enrolled after an absence of one calendar year or more) as degree-seeking students at the institutions from which they transferred (e.g., Crowder).