

Date Modified:	6.23.22
MSU Transfer Advisor:	Dr. Gary Webb GaryWebb@MissouriState.edu 417-837-2503

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

Catalog Year: 2022-2023

## 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.*

### Crowder Year 1 Semester 1

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Institutional Requirement</b>	AGRI 111	Ag Career Orientation	1	AGR 000		
<b>Major Course</b>	ANSC 114	Animal Science	4	AGS 101/102		✓
<b>Oral Communications</b> <i>3 credit hours</i>	COMM 104	Fundamentals of Speech	3	COM 115	✓	
<b>Written Communications</b> <i>6 credit hours</i>	ENGL 101	English Composition	3	ENG 110	✓	
<b>Mathematical Sciences</b> <i>3 credit hours</i>	MATH 135	Algebra for Calculus	3	MTH 136	✓	✓
<b>Semester 1 Total</b>			<b>14</b>			

### Crowder Year 1 Semester 2

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Major Course</b>	AGEC 223	Ag Computer Applications	3	ITC 000		
<b>Major Course</b>	AGRN 113	Crop Science	3	AGP 103		✓
<b>Written Communications</b> <i>6 credit hours</i>	ENGL 102	Advanced English Composition	3	ENG 210	✓	
<b>Social/Behavioral Sciences</b> <i>9 credit hours</i> (Must fulfill 2 disciplines)	<b>Choose one:</b> HIST 106 U.S. History I HIST 107 U.S. History II PLSC 103 National, State, Local Government		3	HST 121 HST 122 PLS 101	✓	
<b>Natural Sciences</b> <i>7 credit hours</i> (Must fulfill 2 disciplines including one course with a lab component)	BIOL 101	General Biology	4	BIO 101/111	✓	✓
<b>Semester 2 Total</b>			<b>16</b>			

### Crowder Year 2 Semester 3

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Social/Behavioral Sciences</b> <i>9 credit hours</i> (Must fulfill 2 disciplines)	AGEC 123	Principles of Ag Economics	3	AGB 144	✓	✓
<b>Core Elective</b> <i>5 hours required for Core 42</i>	Choose MOTR coded course(s) of your choice with the assistance of an advisor.		3-4	Varies	✓	
<b>Natural Sciences</b> <i>7 credit hours</i> (Must fulfill 2 disciplines including one course with a lab component)	<b>Choose one:</b> CHEM 101 Survey of Chemistry CHEM 111 General Chemistry		4-5	CHM 116/117 CHM 160/161	✓	✓
<b>Humanities and Fine Arts</b> <i>9 credit hours</i> (Must fulfill 2 disciplines)	<b>Choose one:</b> ART 101 FREN 101 ENGL 240 MUSC 101 MUSC 196*▲ MUSC 296*▲ PHIL 121 HIST 101 ART 106▲ ENGL 109 ENGL 245 MUSC 106*▲ MUSC 206*▲ PHIL 101 SPAN 101 HIST 102 ASL 101 ENGL 225 ENGL 222 MUSC 107*▲ MUSC 207*▲ PHIL 201 SPAN 102 ASL 102 ENGL 235 ENGL 230 MUSC 195*▲ MUSC 295*▲ PHIL 202 TA 205		3	Varies	✓	
<b>Semester 3 Total</b>			<b>14</b>			

### Crowder Year 2 Semester 4

REQUIREMENT DESCRIPTION	CROWDER COURSE ID/TITLE		CREDIT HOURS	MSU EQUIVALENT	MEETS CORE 42	MSU MAJOR REQUIREMENT
<b>Major Course</b>	ANSC 213	Feeds and Nutrition	3	AGS 000		
<b>Major Elective</b>	<b>Choose one:</b> AGRN 214 Fundamentals of Soil Science ANSC 233 Horse Science		4	AGN 215/216 AGS 161		✓
<b>Humanities and Fine Arts</b> <i>9 credit hours</i> (Must fulfill 2 disciplines)	<b>Choose one:</b> ART 101 FREN 101 ENGL 240 MUSC 101 MUSC 196*▲ MUSC 296*▲ PHIL 121 HIST 101 ART 106▲ ENGL 109 ENGL 245 MUSC 106*▲ MUSC 206*▲ PHIL 101 SPAN 101 HIST 102 ASL 101 ENGL 225 ENGL 222 MUSC 107*▲ MUSC 207*▲ PHIL 201 SPAN 102 ASL 102 ENGL 235 ENGL 230 MUSC 195*▲ MUSC 295*▲ PHIL 202 TA 205		3	Varies	✓	
<b>Humanities and Fine Arts</b> <i>9 credit hours</i> (Must fulfill 2 disciplines)	<b>Choose one:</b> ART 101 FREN 101 ENGL 240 MUSC 101 MUSC 196*▲ MUSC 296*▲ PHIL 121 HIST 101 ART 106▲ ENGL 109 ENGL 245 MUSC 106*▲ MUSC 206*▲ PHIL 101 SPAN 101 HIST 102 ASL 101 ENGL 225 ENGL 222 MUSC 107*▲ MUSC 207*▲ PHIL 201 SPAN 102 ASL 102 ENGL 235 ENGL 230 MUSC 195*▲ MUSC 295*▲ PHIL 202 TA 205		3	Varies	✓	
<b>Social/Behavioral Sciences</b> <i>9 credit hours</i> (Must fulfill 2 disciplines)	<b>Choose one:</b> ECON 201 HIST 106 PSYC 101 ECON 202 HIST 107 PSYC 211 GEOG 111 PLSC 103 SOC 101		3	Varies	✓	
<b>Semester 4 Total</b>			<b>16</b>			
<b>Total Hours at Crowder</b>			<b>60</b>	<i>Total Hours Applied Toward MSU Major Requirements:</i>		25

\* One credit hour course

▲ May choose only one, falls under MOTR code 'PERF'

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

**MSU Year 3 Semester 1**

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Major Requirement	AGR 301	Agriculture Transfer Student Orientation	1
Major Requirement	AGS 302	Reproductive Physiology	3
Major Requirement	AGS 316	Animal Breeding	3
Major Requirement	AGR 300	Food and Agricultural Chemistry	3
Major Requirement	AGS 310	Animal Nutrition	3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
<b>Semester 1 Total</b>			<b>16</b>

**MSU Year 3 Semester 2**

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Major Requirement	AGS 301	Physiology of Farm Animals	3
Major Requirement	AGS 311	Feeds and Feeding	3
Major Requirement	AGS 366	Livestock Enterprise Management	3
Major Requirement	<b>Choose one:</b>		3
	AGP 365 AGP 370	Grain Crops for Food, Feed and Energy Forage Crops for Animals and the Environment	
Major Requirement - Group A ^	<a href="#">Click here to view a complete list of all Group A courses.</a>		2-3
<b>Semester 2 Total</b>			<b>15-16</b>

**MSU Year 4 Semester 3**

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
Major Requirement - Group A or B ^	<a href="#">Click here to view a complete list of all Group A and B courses.</a>		3-5
Major Requirement - Group B ^	<a href="#">Click here to view a complete list of all Group A and B courses.</a>		3-5
Major Requirement - Group A ^	<a href="#">Click here to view a complete list of all Group A courses.</a>		2-3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
<b>Semester 3 Total</b>			<b>15-17</b>

**MSU Year 4 Semester 4**

REQUIREMENT DESCRIPTION	MSU COURSE ID/TITLE		CREDIT HOURS
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
Major Requirement - Group A or B ^	<a href="#">Click here to view a complete list of all Group A and B courses.</a>		3-5
Major Requirement - Group A ^	<a href="#">Click here to view a complete list of all Group A courses.</a>		2-3
Public Affairs Capstone Requirement	<b>Choose one:</b>		3
	AGS 432	AGS 452      AGS 453      AGS 461	
Major Requirement	AGR 490	Agronomy/Horticulture Senior Seminar	1
<b>Semester 4 Total</b>			<b>14-16</b>
<b>Total Hours at MSU</b>			<b>60-65</b>
<b>Total Hours Overall</b>			<b>120-125</b>

\*\* 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).