

Date Modified:	5.7.2020
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: 2020-2021**

**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.



**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		✓
<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 HIST 107 PLSC 103	U.S. History I U.S. History II 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 CHEM 111	Survey of Chemistry 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>	AGRN 214	Fundamentals of Soil Science	4	AGN 215/216		✓
<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>	<b>23</b>

\* One credit hour course

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

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**Catalog Year: 2020-2021**

**MSU Year 3 Semester 1**

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

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
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3
Major Requirement	AGR 300	Food and Agricultural Chemistry	3
Major Requirement	AGS 310	Animal Nutrition	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
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		2
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^	<b>Choose one:</b>		4-5
	AGR 399	AGS 185	
	AGS 161	AGS 191	
	AGS 162	AGS 196	
	AGS 163	AGS 262	
	AGS 164	AGS 263	
		AGS 264	
		AGS 306	
		AGS 342	
		AGS 346	
		AGS 361	
		AGS 362	
		AGS 363	
		AGS 364	
		AGS 385	
		AGS 389	
		AGS 402	
		AGS 432	
		AGS 442	
		AGS 446	
		AGS 452	
		AGS 453	
		AGS 461	
		AGS 492	
		AGS 511	
<b>Semester 2 Total</b>			<b>15-16</b>

**MSU Year 4 Semester 3**

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 B^	<b>Choose one:</b>		3-4	
	AGB 314	AGB 444		
	AGB 334	AGB 494		
	AGB 344	AGB 514		
	AGB 354	AGB 524		
	AGB 364	AGB 534		
	AGB 374	AGB 584		
	AGB 384	AGB 594		
				AGN 143
				AGN 215
		AGN 216		
		AGN 335		
		AGN 343		
		AGN 405		
		AGN 455		
		AGN 543		
		AGR 250		
		AGR 330		
		AGR 370		
		AGR 377		
		AGR 399		
		AGR 499		
		AGP 325		
		AGP 333		
		AGP 363		
		AGP 365		
		AGP 370		
		AGP 393		
		AGC 183		
		AGC 323		
		AGC 333		
General Elective **	Work with your MSU advisor to identify courses that will complement your specific career goals.		3	
Major Requirement - Group A^	<b>Choose one:</b>		3-4	
	AGR 399	AGS 185		
	AGS 161	AGS 191		
	AGS 162	AGS 196		
	AGS 163	AGS 262		
	AGS 164	AGS 263		
				AGS 264
				AGS 306
		AGS 342		
		AGS 346		
		AGS 361		
		AGS 362		
		AGS 363		
		AGS 364		
		AGS 385		
		AGS 389		
		AGS 402		
		AGS 432		
		AGS 442		
		AGS 446		
		AGS 452		
		AGS 453		
		AGS 455		
		AGS 461		
		AGS 492		
		AGS 511		
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^	<b>Choose one:</b>		4-5	
	<i>Group A:</i>			
	AGR 399	AGS 196		
	AGS 161	AGS 262		
	AGS 162	AGS 263		
	AGS 163	AGS 264		
	AGS 164	AGS 306		
	AGS 185	AGS 342		
	AGS 191	AGS 346		
				AGS 362
				AGS 363
				AGS 364
				AGS 385
				AGS 389
				AGS 402
		AGS 432		
		AGS 442		
		AGS 446		
		AGS 452		
		AGS 453		
		AGS 455		
		AGS 461		
		AGS 492		
		AGS 511		
		AGB 314		
		AGB 334		
		AGB 344		
		AGB 354		
		AGB 364		
		AGB 374		
		AGB 384		
		AGB 444		
		AGB 494		
		AGB 514		
		AGB 524		
		AGB 534		
		AGB 584		
		AGB 594		
		AGN 143		
		AGN 215		
		AGN 216		
		AGN 335		
		AGN 343		
		AGN 405		
		AGN 455		
		AGN 543		
		AGR 250		
		AGR 330		
		AGR 370		
		AGR 377		
		AGR 399		
		AGR 499		
		AGP 325		
		AGP 333		
		AGP 363		
		AGP 365		
		AGP 370		
		AGP 393		
		AGC 183		
		AGC 323		
		AGC 333		
Public Affairs Capstone Requirement	AGS 432	AGS 442	3	
Major Requirement - Group A^	<b>Choose one:</b>		3-4	
	AGR 399	AGS 185		
	AGS 161	AGS 191		
	AGS 162	AGS 196		
	AGS 163	AGS 262		
	AGS 164	AGS 263		
				AGS 264
				AGS 306
		AGS 342		
		AGS 346		
		AGS 361		
		AGS 362		
		AGS 363		
		AGS 364		
		AGS 385		
		AGS 389		
		AGS 402		
		AGS 432		
		AGS 442		
		AGS 446		
		AGS 452		
		AGS 453		
		AGS 455		
		AGS 461		
		AGS 492		
		AGS 511		
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 (partially fulfilled at Crowder), 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).