

**COLLEGE OF BASIC AND APPLIED SCIENCES  
UPPER DIVISION FORM 2018-2019 CATALOG**

Student name: \_\_\_\_\_ M #: \_\_\_\_\_  
 Major: ANIMAL SCIENCE Minor: \_\_\_\_\_  
 Concentration: XXXXXXXXXXXXXXXXXX E-mail: \_\_\_\_\_

**Instructions: For students graduating Fall 2018 or later, one (1) copy signed by major and minor advisors should be filed in DSB 120 two semesters before anticipated graduation. The Intent to Graduate form must also be filed in DSB 120 at the time of Upper Division Form submission.**

General Education	Course	Semester	Grade	Notes	Credit Hours
<b>COMMUNICATION</b> (9 hours)	ENGL 1010				3
	ENGL 1020			Preq: ENGL 1020 with C- or better	3
	COMM 2200				3
<b>HISTORY</b> (6 hours) Choose two: HIST 2010, HIST 2020, or HIST 2030					3
					3
<b>HUMANITIES/FINE ARTS</b> (9 hours) Choose one: ENGL 2020, 2030, or HUM 2610 Choose two (different rubrics): ANTH 2210; ART 1030 or 1920; DANC 1000; HIST 1010, 1020, 1110, or 1120; MUS 1030; PHIL 1030; THEA 1030					3
					3
					3
<b>MATHEMATICS</b> (3 hours) Choose one: MATH 1010, 1530, 1630, 1710, 1720, 1730, 1810, 1910				<b>** MATH 1710 RECOMMENDED **</b>	3
<b>NATURAL SCIENCES</b> (8 hours)	CHEM 1010/1011 or 1110/1111			<b>** PRE-VET STUDENTS TAKE CHEM 1110/1111 **</b>	4
	BIOL 1110/1111			MATH 1710 with C- or better or MATH ACT of 19 or higher	4
<b>SOCIAL/BEHAVIORAL SCIENCES</b> (6 hours) Choose two (different rubrics): AAS 2100, ANTH 2010, ECON 2410, ECON 2420, GEOG 2000, GS 2010, HLTH 1530/1531, JOUR/EMC/RIM 1020, PS 1010, PS 1005, PSY 1410, RS 2030, SOC 1010, SOC 2010, WGST 2100					3
					3
<b>Hours Required</b>					<b>41</b>

Major Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Orientation in Agriculture	ABAS 1000				1
Introduction to Animal Science OR Introduction to Animal & Veterinary Sciences	ANSC 1410 or 1401				3
Introduction to Animal Science Lab	ANSC 1411				1
Elements of Plant Science	PLSO 1610				3
Principles of Agricultural Economics	AGBS 3130				3
Soil <u>OR</u> Forage Crops	PLSO 3340 or 4310				3
Animal Breeding & Genetics	ANSC 3420			Preq: ANSC 1410; BIOL 1110/1120; Jr. standing	3
Livestock Management	ANSC 3440			Preq: ANSC 1410	3
Animal Nutrition	ANSC 4410			Preq: ANSC 1410; CHEM 1020/21 or 1120/21	3
Animal Feeds & Feeding	ANSC 3550			Preq: ANSC 1410; Jr. standing	3
Domestic Animal Reproductive Physiology	ANSC 4510			Preq: ANSC 1410; BIOL 1110/1120; Jr. standing	3
ANSC Elective (3000/4000 level)					3
ANSC Elective (3000/4000 level)					3
ANSC Elective (3000/4000 level)					3
ANSC Elective (3000/4000 level)					3
AGBS or PLSO Elective					3
<b>Hours Required</b>					<b>44</b>

Supporting Courses					
Science and Mathematics Cognate	Course	Semester	Grade	Notes	Credit Hours
CHEM 1020/1021 or CHEM 1120/1121	CHEM			** PRE -VET STUDENTS TAKE CHEM 1120/1121 – requires C- or better in CHEM 1110/1111 **	4
CHEM 2030/2031 or CHEM 3010/3011	CHEM			Preq: CHEM 1010/1020 or CHEM 1110/1120	4
BIOL 1120/1121	BIOL 1120/1121			Preq: BIOL 1110/1111	4
BIOL 2230/2231	BIOL 2230/2231			Preq: BIOL 1110/1111 & 1120/1121	4
6 hours of MATH choosing one course from General Education MATH <u>and</u> choose one course from MATH 1530, 1710, 1720, 1730, 1910, or AGBS 2210					3-4
<b>Hours Required</b>					<b>19-20</b>

Note: A minimum of 9 (or 5) additional credit hours must be earned at the 3000/4000 level. At least 120 credits must be earned for graduation.					
Elective Courses	Course	Semester	Grade	Notes	Credit Hours
<b>Remaining credit hours needed to meet the minimum 120 hour requirement&gt;</b>					

Optional Minor					
Minor Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
<b>Hours Required</b>					
<b>Signed:</b>					
	<b>Minor Advisor</b>				<b>Date</b>

1. Degrees require a minimum of 120 semester hours (12 of the last 18 at MTSU) with a 2.0 GPA, a minimum of 42 upper-division hours (30 at MTSU) with a 2.0 GPA, and a minimum of 60 senior college hours.
2. Learning Support courses do not count toward the 120-hour requirement or cumulative degree GPA.

<b>Signed:</b>					
	<b>Major Advisor</b>				<b>Date</b>