

**COLLEGE OF BASIC AND APPLIED SCIENCES  
UPPER DIVISION FORM 2019-2020 CATALOG**

Student name: \_\_\_\_\_

M #: \_\_\_\_\_

Major: ANIMAL SCIENCE

Minor: \_\_\_\_\_

Concentration: HORSE SCIENCE

E-mail: \_\_\_\_\_

**Instructions: For students graduating Summer 2019 or later, one (1) copy signed by major and minor advisors should be filed in DSB 120 three 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
COMMUNICATION (9 hours)	ENGL 1010				3
	ENGL 1020			Preq: ENGL 1020 with C- or better	3
	COMM 2200				3
HISTORY (6 hours) Choose two: HIST 2010, HIST 2020, or HIST 2030					3
					3
HUMANITIES/FINE ARTS (9 hours) Choose one: ENGL 2020, 2030, or HUM 2610 Choose two different subjects: ANTH 2210; ART 1030 or 1920; DANC 1000; HIST 1010, 1020, 1110, or 1120; MUS 1030; PHIL 1030; THEA 1030					3
					3
					3
MATHEMATICS (3 hours) Choose one: MATH 1010, 1530, 1630, <b>1710</b> , 1720, 1730, 1810, 1910				<b>** MATH 1710 RECOMMENDED **</b>	3
NATURAL SCIENCES (8 hours) Choose two different subjects: ASTR 1030/1031, BIOL 1030/1031, <b>BIOL 1110/1111</b> , BIOL 2010/2011, BIOL 2020/2021, CHEM 1010/1011, CHEM 1030/1031, CHEM 1110/1111, GEOL 1030/1031, GEOL 1040/1041, PGEO 1030, PHYS 1110, PHYS 2010/2011, PHYS 2110/2111, PSCI 1030/1031, PSCI 1130/1131				*see supporting courses for required sequences/pre-requisites: CHEM 1010/1011 or CHEM 1110/1111 recommended	4
				*see supporting courses for required sequences/pre-requisites: BIOL 1110/1111 recommended	4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two different subjects: 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	AGRI 1000				1
Introduction to Animal Science OR Introduction to Animal & Veterinary Sciences	ANSC 1410 or 1401				3
Elements of Plant Science	PLSO 1610				3
Introduction to Horse Care and Use	HORS 1110				3
Fundamentals of Horsemanship	HORS 2400				3
Equine Evaluation and Selection	HORS 2480				3
Stable Management OR Horse Production	HORS 3040 <u>OR</u> 3430			Preq: HORS 2400	3
Principles of Agricultural Economics	AGBS 3130				3
Equine Health	HORS 3300				3
Fundamentals of Soil Science <u>OR</u> Forage Crops	PLSO 3340 <u>OR</u> 4310				3
Horse Breeds and Genetics	HORS 3410				3
Livestock Management	ANSC 3440			Preq: ANSC 1410	3
Equine Reproduction & Breeding <u>OR</u> Equine Nutrition & Feeding	HORS 4090 <u>OR</u> 4440				3
<u>Choose one:</u> Equine Event & Facility Mgmt, Equine Industry, Techniques of Teaching Horsemanship, Behavior & Training of Horses, Equine-Assisted Therapy, <u>OR</u> Equine Exercise Physiology	HORS 4040, 4170, 4450, 4460, 4540, <u>OR</u> 4550				3 or 4
ANSC or AGBS or HORS Elective					3
<b>Hours Required</b>					<b>43 or 44</b>

Supporting Courses					
Supporting Courses	Course	Semester	Grade	Notes	Credit Hours
CHEM 1010/1011 or 1110/1111				Credits counted in general education	0
CHEM 1020/1021 or 1120/1121				Perq: CHEM 1010/1011 or 1110/1111	4
BIOL 1110/1111				Credits counted in general education	0
BIOL 1120/1121				Preq: BIOL 1110/1111	4
Upper division Elective Courses (9-10 credits needed to meet 42 UD credits required for graduation)	Course	Semester	Grade	Notes	Credit Hours
					3
					3
					3-4
					0-1
<b>Hours Required</b>					<b>17 or 18</b>

Minor (Must be chosen from a department outside School of Agriculture)					
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>	

Optional 2nd 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 count toward the 120-hour requirement and the overall GPA.

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