

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

Student name: \_\_\_\_\_ M #: \_\_\_\_\_  
 Major: ANIMAL SCIENCE Minor: SECONDARY EDUCATION (MTeach)  
 Concentration: LICENSURE E-mail: \_\_\_\_\_

**Instructions: For students graduating Fall 2017 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 rubrics): 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, 1710, 1720, 1730, 1810, 1910				** MATH 1710 RECOMMENDED **	3
NATURAL SCIENCES (8 hours)	PSCI 1030/1031				4
	BIOL 1030/1031				4
SOCIAL/BEHAVIORAL SCIENCES (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	ANSC 1410				3
Elements of Plant Science	PLSO 1610				3
Introduction to Agricultural Engineering	ABAS 2210				3
Introduction to Agricultural Education & Leadership	AGED 2230			*will be applying to teacher education	3
Principles of Agricultural Economics	AGBS 3130				3
Soil	PLSO 3340				3
Animal Breeding and Genetics	ANSC 3420			Preq: ANSC 1410; BIOL 1110/1120; Jr. standing	3
Livestock Management	ANSC3440			Preq: ANSC 1410	3
Horticulture in our Lives or Greenhouse Management	PLSO 3600 or 4620				3
Leadership in Agricultural Industries	ABAS 4250			Preq: Jr. standing	3
Animal Nutrition	ANSC 4410			Preq: ANSC 1410; CHEM 1020/21 or 1120/21	3
Domestic Animal Reproductive Physiology	ANSC 4510				3
ANSC Elective					3
ANSC Elective					3
<b>Hours Required</b>					<b>43</b>

Supporting Courses					
Supporting and Elective Courses	Course	Semester	Grade	Notes	Credit Hours
Methods of Teaching Agriscience & Agricultural Mechanics	AGED 4220				3
Adult & Youth Leadership Development in Agricultural Organization	AGED 4230				3
<b>Hours Required</b>					<b>6</b>

SECONDARY EDUCATION MINOR - MTeach					
Minor Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Inquiry Approaches to Teaching	MSE 1010				1
Inquiry Lesson Design	MSE 2010			Preq: MSE 1010	1
Knowing & Learning	YOED 3520			Pre or Co-req: MSE 2010	3
Classroom Interactions	YOED 3550			Preq: YOED 3520; must be admitted to teacher education program to register	3
Research Methods	ABAS 4740				3
Project based instruction	YOED 4050			Preq: YOED 3550; must take same semester as YOED 4040	3
Residency I – MTeach	YOED 4040			Must take same semester as YOED 4050	4
Residency II	YOED 4400			Must continue to meet requirements of teacher education program. Must have completed PRAXIS II tests during previous semester for licensure; overall GPA of 2.75; major GPA of 2.5.	12
<b>Hours Required</b>					<b>30</b>
Signed:					
	Minor Advisor				Date

Optional 2nd Minor					
Minor Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
<b>Hours Required</b>					
Signed:					
	Minor Advisor				Date

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.

Signed:					
	Major Advisor				Date