

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

Student name: _____ M #: _____
 Major: ANIMAL SCIENCE Minor: SECONDARY EDUCATION
 Concentration: LICENSURE 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 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
Hours Required					41

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
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	PLSO 3600				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
Hours Required					43

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 Organizations	AGED 4230				3
Hours Required					6

MTeach SECONDARY EDUCATION MINOR					
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 in Science & Mathematics	YOED 3520			Pre or Co-Req: MSE 2010	3
Classroom Interactions in Mathematics & Science	YOED 3550			Preq: YOED 3520; must be admitted to teacher education program to register	3
Perspectives on Science & Math	PHIL 3120			** SEE ADVISOR; TAKE ABAS 4740 instead	3
Project-Based Instruction in Mathematics & Science	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			Preq: YOED 2500, 3000, 3300, 4030 with a grade of B or better; passing score on specialty area PRAXIS II; overall GPA of 2.75; major GPA of 2.5; Sr. standing	12
Hours Required					30
Signed:					
	Minor Advisor				Date

Optional 2nd Minor					
Minor Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Hours Required					
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			