

Animal Science-Industry and Production Option B.S.

Core Curriculum Requirements (https://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/)		42
See the Core Curriculum Requirements (https://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/)		
Required courses in the Major		
AG 1131	Intro To Agriculture	1
AG 300	Professional Agricultural Communications	1
AG 400	Seminar	1
ANS 1119	Introduction to Animal Science Laboratory	1
ANS 1319	Introduction to Animal Science *	3
ANS 307	Animal Feeds and Feeding	3
ANS 308	Animal Nutrition	3
ANS 309	Animal Breeding	3
ANS 310	Animal Genetics	3
ANS 311	Reproductive Physiology of Domestic Animals	3
ANS 319	Anatomy and Physiology of Domestic Animals	3
Support Courses (minimum grade of C)		
AEC 2317	Agricultural Economics	
AEC 304	Farm Accounting	3
AEC 380	Agricultural Statistics	3
or BSC 412	Fundamentals of Biostatistics	
or MATH 453	Essentials of Statistics	
BSC 1406	Introductory Biology I *	
MATH 1314	College Algebra *	
PHIL 360	General Ethics *	3
or ANS 417	Domestic Animal Behavior and Welfare	
Industry and Production Concentration		
CHEM 1305 & CHEM 1105	Introductory Chemistry I and Introductory Chemistry Laboratory I *	4
CHEM 1307 & CHEM 1107	Introductory Chemistry II and Introductory Chemistry Laboratory II	4
PLS 1307 & PLS 1107	Introduction to Plant Science & Agronomy and Applied Plant Science Lab *	
PLS 309 & PLS 329	Soil Science and Soil Science Laboratory	4
PLS Electives †		6
choose 6 hours of PLS courses		
ANS Management Courses (choose any 2)		6
ANS 313	Dairy Cattle Management	
or ANS 411	Sheep and Goat Management	
or ANS 412	Beef Cattle Management	
or ANS 413	Swine Management	
or ANS 415	Companion Animal Management	
ANS electives and/or AG 405 †^		5
choose 5 hours of ANS courses and/or AG 405		
AG Minor Required †		15
Total Hours		120

* These courses can be used to fulfill both the Core Curriculum Requirements and course in the major.

† Please seek advice from advisor about selecting electives and a minor

^ ANS 317 Livestock Management Techniques cannot be used as an ANS elective in the Industry and Production Concentration

Course	Title	Hours
First Year		
Fall		
Delete This Text		
	Hours	0
	Total Hours	0