

Animal Science-Industry and Production Option B.S.

Core Curriculum Requirements (http://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/)		42
See the Core Curriculum Requirements (http://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 *	
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
FDSC 318	Meat Technology	3
Required Support Courses (minimum grade of D)		
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	
AG 405	Internship Agri-Industries	3-6
BSC 1406	Introductory Biology I *	
MATH 1314	College Algebra *	
PHIL 360	General Ethics *	
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 or ANS 411 or ANS 412 or ANS 413	Dairy Cattle Management Sheep and Goat Management Beef Cattle Management Swine Management	
ANS electives †		5
choose 5 hours of ANS courses		
AG Minor Required †		15
Total Hours		120-123

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

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Please seek advice from advisor about selecting electives and a minor