

# AGRICULTURE - ANIMAL SCIENCE - PRE-VET, B.S.

Course	Title	Semester Credit Hours
<b>Freshman Year</b>		
<b>Semester 1</b>		
ANSC 1211	Preparation for Animal Ag	2
ANSC 1419	Intro to Animal Science	4
BIOL 1306 & BIOL 1106	General Biology I and General Biology Laboratory I	4
ENGL 1301	Rhetoric and Composition	3
UNIV 1101	Learning in Global Context I	1
Semester Credit Hours		14
<b>Semester 2</b>		
BIOL 1307 & BIOL 1107	General Biology II and General Biology Laboratory II	4
ENGL 1302	Rhetoric and Composition	3
HIST 1301	American History to 1877	3
UNIV 1102	Learning in Global Context II	1
Creative arts ( <a href="https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#creative">https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#creative</a> )		3
Social/behavioral ( <a href="https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#social">https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#social</a> )		3
Semester Credit Hours		17
<b>Sophomore Year</b>		
<b>Semester 1</b>		
ANSC 2310	Livestock Mgmt Techniques	3
CHEM 1311 & CHEM 1111	Gen Inorganic Chemistry I and Gen Inorganic Chem Lab I	4
COMS 1315	Bus and Professional Comm	3
HIST 1302	American History since 1877	3
PHYS 1301 & PHYS 1101	College Physics I and Coll Physics I Laboratory	4
Semester Credit Hours		17
<b>Semester 2</b>		
ANSC 2307	Prin of Feeds and Feeding	3
CHEM 1312 & CHEM 1112	Gen Inorganic Chemistry II and Gen Inorganic Chem Lab II	4
PHYS 1302 & PHYS 1102	College Physics II and College Physics II Lab	4
POLS 2301	Government and Politics of US	3
Lang/Phil/Culture ( <a href="https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#language">https://catalog.tamuk.edu/undergraduate/general-requirements-graduation-baccalaureate-degree/#language</a> )		3
Semester Credit Hours		17
<b>Junior Year</b>		
<b>Semester 1</b>		
ANSC 3313	Repro Physiol of Dom Animals	3
ANSC 4301	Growth Physiol of Livestock Sp	3

BIOL 2421	Elementary Microbiology	4
POLS 2302	Government and Politics of TX	3
Semester Credit Hours		13
<b>Semester 2</b>		
AGRI 3372	Contemporary Issues (WI)	3
BIOL 3402	Genetics	4
CHEM 3323 & CHEM 3123	Organic Chemistry I and Organic Chemistry Lab I	4
MATH 1316	Trigonometry <sup>1</sup>	3
Semester Credit Hours		14
<b>Senior Year</b>		
<b>Semester 1</b>		
ANSC 4303	Anat and Phys of Dom Animals	3
CHEM 3325 & CHEM 3125	Organic Chemistry II and Organic Chemistry Lab II	4
ANSC, adv.		3
ANSC Management <sup>2</sup>		6
Semester Credit Hours		16
<b>Semester 2</b>		
ANSC 3335	Animal Breeding and Genetics	3
ANSC 4307	Animal Nutrition	3
ANSC 4308 or MATH 2413 or Calculus I	Statistics in Agriculture	3
CHEM 4341	Biochemistry I	3
Semester Credit Hours		12
Total Credit Hours Required:		120

Admission to the College of Veterinary Medicine at Texas A&M University requires an additional course, CHEM 4342.

<sup>1</sup> Requires two years of high school algebra or MATH 1314.

<sup>2</sup> ANSC Management courses include ANSC 3302, ANSC 3304, ANSC 3306, ANSC 3308 and ANSC 4305; student must choose two.