

B.S. DEGREE IN AGRICULTURAL SCIENCES

Animal Science Major Pre-Veterinary Science (31202)

Freshman Year Fall Semester

ENC 1101 Freshman Comm. Skills 1	3
AGG 2004 Intro to Agricultural Sciences	1
ANS 3006 , Intro to Animal Science	3
BSC 1010 General Biology I	3
BSC 1010L General Biology Lab	1
MAC 1105 College Algebra	3
Total Credits	14

Freshman Year Spring Semester

ENC 1102 Freshman Comm. Skills II	3
MAC 1114 Algebraic & Trig Functions	3
BSC 1011 General Biology II	2
BSC 1011L General Biology II Lab	2
Humanities State wide Core I	3
African-American History Requirement	3
Total Credits	16
Total Freshman Credits	30

Sophomore Year Fall Semester

Social Sciences State wide Core I* (Must be POS 2041 or AMH 2020 if Civics requirement has not been met)	3
CHM 1045 General Chemistry I	3
CHM 1045L General Chemistry Lab	1
ATE 2010 Animal Anatomy	3
ANS 3463C Feeds and Feedings	3
AGG 2050 Intro to Biotechnology	2
Total Credits	15

Sophomore Year Spring Semester

ATE 2111 Animal Anatomy II	3
CHM 1046 General Chemistry II	3
CHM 1046L General Chemistry Lab II	1
Humanities [State Wide Core II]	3
Social Science [State Wide Core II]	3
STA 3023 Intro. to Prob. & Statistics 1	3
Total Credits	16
Total Sophomore Credits	31

Junior Year Fall Semester

CHM 2210 Organic Chemistry I	3
CHM 2210L Organic Chemistry I Lab	1
ANS 3244 Beef Cattle Production	3
PHY 2053 , College Physics	3
PHY 2053L College Physics Lab	1
ANS 3311 Reproduction of Farm Animals	3
Total Credits	14

Junior Year Spring Semester

CHM 2211 Organic Chemistry II.	3
CHM 2211L Organic Chemistry II Lab	1
PHY 2054 College Physics II	3
PHY 2054L College Physics II Lab	1
MCB 3020C , Microbiology	4
AGR 3232 Pasture and Range Management	3
Total Credits	15
Total Junior Credits	29

Senior Year Fall Semester

ANS 4931 Animal Science Seminar	1
VME 4117 Animal Sanitation	3
BCH 4033 Biochemistry 1	3
BCH 4033L Biochemistry I Lab	1
ANS 3384 Genetics of Domestic Animals	3
ATE 3945 Herd Management Practicum	3
Total Credits	14

Senior Year Spring Semester

ANS 4291C Incubation and Brooding	3
ANS 3264 Swine Sciences	3
ANS 4445 Animal Nutrition	4
ANS 4932 Spec Problems in An. Science	3
ANS 3614 Meats	3
Total Credits	16
Total Senior Credits	30
TOTAL COMPLETED CREDIT HOURS	120