

2020 - 2021 Animal Science Curriculum

Pre-Vet Option, Companion Animal Science Concentration

Name _____ R # _____

FIRST YEAR (30-31 hours)

ANSC 1401 Animal Science
ANSC 2303 Care and Manag. Comp. An. (F)
ENGL 1301 Essentials of Coll.*
ENGL 1302 Advanced Coll. Rhetoric
PSY 1300 General Psych.*
MATH 1320 College Algebra
AAEC 2401 Agricultural Stats OR
MATH 2345 Business Stats*
CHEM 1307 Principles of Chem. I*
CHEM 1107 Chem. I Lab*
CHEM 1308 Principles of Chem. II*
CHEM 1108 Chem II Lab*

SECOND YEAR (32)

ANSC 2202 Anatomy Dom. Anim.
ANSC 2306 Physiology Dom. Anim.
COMS 2300 Public Speaking* OR
COMS 2358 Speaking for Business
CHEM 3305 Org. Chem I*
CHEM 3105 Org. Chem. Lab I.*
BIOL 1402 Biol. Of Animals*
CHEM 3306 Org. Chem II*
CHEM 3106 Org. Chem. Lab II*
HIST 2300 History of US to 1877
HIST 2301 History of US since 1877
ACOM 2302 Sci. Comm. In Ag. OR
ENGL 2311 Intro. Tech. Writing*

LANGUAGE, PHILOSOPHY AND CULTURE REQUIREMENT

Select 3 hours

F = FALL ONLY

S = SPRING ONLY

*** Vet School Requirement**

THIRD YEAR (35 hours)

ANSC 3100 Animal Science Seminar
ANSC 3401 Reproductive Phys.
ANSC 3301 Principles of Nutrition*
ANSC 3315 Companion Animal Nutrition (F)
ANSC 3314 Comp. Animal Beh. Training (S)
ANSC 3403 Sel./Care/Proc./Cook
CHEM 3310 Molecular Biochemistry* OR
CHEM 3311 Biological Chem. I
PSS 3421 Fund Princp. Of Genetics OR
BIOL 3416 Genetics
POLS 1301 American Government
POLS 2306 Texas Politics and Topics

FOURTH YEAR (24)

Select 2 of the following production courses:

-ANSC 4401 *Swine Production (F)*
-ANSC 4402 *Horse Production (S)*
-ANSC 4406 *Sheep and Goat production (S)*
-ANSC 4403 *Beef Production (S)*
-ANSC 4405 *Feedlot Management (F)*
-ANSC 4409 *Dairy Production (F)*
-ANSC 4410 *Clinical Vet Science (F)*

ANSC 4408 Animal Shelter Management (S)
MBIO 3401 Principles of Microbiology*
PHYS 1403 Gen. Physics I*
PHYS 1404 Gen. Physics II*

CREATIVE ARTS/ MULTICULTURAL REQUIREMENT

Select 3 hours

120 – 121 hours