

SUGGESTED SCHEDULE  
BS in Animal Science - Equine Emphasis

FRESHMAN YEAR - FALL SEMESTER

- \*ANSC 101 - The Animal Industry - 1 credit hour
  - \*ANSC 107 - General Animal Science - 3 credit hours OR ANSC 109 - Intro. Horse Prod. - 3 credit hours
  - #BIOL 120 - General Biology - 4 credit hours
  - #MATH 107 - College Algebra - 3 credit hours
  - #ENGL 111 - Intro. College Comp. - 3 credit hours
  - #HLTH 101 - Wellness for Life - 3 credit hours (may substitute other approved PE classes for this requirement.)
- 

Total hours for semester = 17

SPRING SEMESTER

- \*ANSC 109 - Intro. Horse Prod. OR ANSC 107 - General Animal Science (whichever not taken in Fall) - 3 credit hours
  - \*CHEM 105 - College Chem. I - 4 credit hours
  - #ENGL 112 - College Comp. & Rhetoric - 3 credit hours
  - ##\*BIOL 121 - General Biol. Animal Interest - 4 credit hours
  - ##\*A EC 105 - Intro. Ag. Economics - 3 credit hours
- 

Total hours for semester = 17

**TOTAL HOURS FOR FRESHMAN YEAR = 34**

SOPHOMORE YEAR- FALL SEMESTER

- \*ANSC 213 - Horse Psyc. & Training - 3 credit hours
  - #ENGL Literature - 3 credit hours
  - \*AGRN 105 - Fund. Crop Prod. - 3 credit hours
  - #HIST 201 - US History through 1877 - 3 credit hours
  - \*CHEM 108 - College Chemistry II - 4 credit hours
  - #ARTS elective - 3 credit hours
- 

Total hours for semester = 19

SPRING SEMESTER

- \*ANSC 225 - Equine Behavior Modification - 3 credit hours
  - \*BIOL 307 or 306 - Microbiology or Comp. Vert. Anatomy - 4 credit hours
  - \*ENGL 309 - Intro. Tech. Writing - 3 credit hours
  - #HIST 202 - US History since Reconstruction - 3 credit hours
  - #POLS 201 - American National Government - 3 credit hours
  - #SBS elective - 3 credit hours
- 

Total hours for semester = 19

**TOTAL HOURS FOR SOPHOMORE YEAR = 38**

\* = Animal Science curriculum requirement.

# = University core curriculum requirement.

JUNIOR YEAR - FALL SEMESTER

- \*ANSC 308 - Physiology of Reproduction (pre-req for ANSC 310) - 4 credit hours
  - \*ANSC 406 - Animal Nutrition (pre-req. for ANSC 324) - 3 credit hours
  - \*ANSC 321 - Meat Science - 4 credit hours
  - \*CHEM 201 - Organic Chemistry - 4 credit hours
  - #POLS 202 - Texas Government - 3 credit hours
- 

Total hours for semester = 18

SPRING SEMESTER

- \*AGRN 309 or BIOL 303 - Genetics or Heredity - 4 credit hours
  - \*ANSC 310 - Principles of Equine Reproduction - 4 credit hours
  - \*MATH 120, 300, or 350 - Calculus or Statistics - 3 credit hours
  - #COMS 301 - Business and Professional Speaking - 3 credit hours
  - \*ANSC 324 - Horse Nutrition - 3 credit hours
- 

Total hours for semester = 17

**TOTAL HOURS FOR JUNIOR YEAR = 35**

SENIOR YEAR - FALL SEMESTER

- \*ANSC 325 - Equine Exercise Phys. & Cond. - 3 credit hours
  - \*ANSC 319 - Animal Breeding - 3 credit hours
  - \*ANSC 400 - Advanced Topics in Animal Science - 3 credit hours
  - \*ANSC 485 - Seminar - 1 credit hour
  - \*advanced elective from BIOL, ENTO, AGRN, A EC, R&RM, A SD, WDLM - 3 credit hours
  - \*Advanced elective from BIOL or CHEM - 3 credit hours
- 

Total hours for semester = 16

SPRING SEMESTER

- \*ANSC 484 - Internship - 3 to 6 credit hours
  - \*ANSC 486 - Animal Science Problems - 3 to 6 credit hours
- 

Total hours for semester = 12

**TOTAL HOURS FOR SENIOR YEAR = 28**

**TOTAL HOURS ON DEGREE PLAN = 135**