# COURSE CHECKLIST FOR PRE-VETERINARY MAJOR

## University Gen Ed Requirements
- **College Writing (Fall or Spring)**: ENGWLP 112
- **Arts/Literature (AL or AT)**
- **Historical Studies (HS)**
- **Social/Behavioral Sciences (SB)**
- Plus one additional course in (AL, AT, HS, SB, SI or I)
  - ANIML SCI 260 fulfills SI
- **Integrative Experience (IE)**
  - ANSCI 494 GI or for honors students 499YT + ANSCI 494 TI
- **Diversity "U"**
- **Diversity "G"**

## Basic Science & Math Requirements
- **Introductory Biology I**: BIOL 100* or BIOL 151*
- **Introductory Biology II**: BIOL 101* or BIOL 152*
- **Biology Lab**: BIOL 153
- **General Chemistry I**: CHEM 111*
- **General Chemistry II (Prereq Chem 111, >="C-")**: CHEM 112*
- **Organic Chemistry (Prereq. Chem 112, >="C-")**: CHEM 261*
- **Organic Chemistry (Prereq Chem 261, >="C-")**: CHEM 262*
- **Organic Chemistry lab**: CHEM 269*
- **Biochemistry (Fall, Prereq 250 or 261 or 265)**
  - **Biochemistry Lab (Fall, 2cr)** optional, required by some vet schools: BIOCHM 420
- **Math R1 (either MATH101/102 or MATH104 or Test-out >=20 on Part A of math placement exam)**
- **Statistics (Math R2 requirement)**
  - STAT 111, 240 or RES EC 212
- **Calculus**: MATH 127*
- **Microbiology**: MICBIO 310
- **Microbiology Lab**: MICBIO 312
- **Intro Physics I and Lab**: PHYSIC 131
- **Intro Physics II and Lab**: PHYSIC 132

## Animal Science Core
- **Introduction to Animal Science (Fall)**: ANIML SCI 101
- **Introduction to Animal Management (Spring)**: ANIML SCI 103*
- **Animal Cellular and Molecular Bio (Spring, Prereq. Bio 100 or 102 AND Chem 111, >="C-")**: ANIML SCI 200*
- **Anatomy/Physiology (Fall)**
  - **Animal Care & Welfare (Fall, Gen Ed SI)**: ANIML SCI 260
  - **Junior writing (Fall or Spring)**
  - **Animal Genetics & Breeding (Fall, Prereq BIO 101 or 102)**: ANIML SCI 311
  - **Animal Nutrition & Feeding (Spring, Prereq ANSCI 103 or 220)**: ANIML SCI 332
  - **Infection and Immunity (Spring, Prereq. AnSci 200)**: ANIML SCI 572
  - **Reproductive Physiology (Fall, Prereq AnSci 220)**: ANIML SCI 521

## NOTES:
*Eleven science courses used to calculate Pre-Vet major eligibility. Credit-weighted GPA must be greater than or equal to 2.700 (=B-) in order to graduate as a Pre-Vet major. Students with 11-course GPAs less than 2.700 can graduate as Animal Science majors.