

## Veterinary Science Electives

*Animal Disease (Pre-veterinary Track) recommended*

**Animal Health/Production/Industry recommended**\*+  
 \* = 1 unit, + = 2 units

To complete your major choose at least one disease-related course and one lab course (≥8units)

<b>Term</b>	<b>Disease-Related</b>	<b>Non Disease-Related</b>
<b>Fall</b>	VSC 403R Biology of Animal Parasites (3) VSC 403L Biology of An. Parasites Lab (1) VSC 443 Research Animal Methods (3) L ANS 320 Food Safety (3) L VSC 433 Medical and Molecular Virology (4) VSC 405 Diseases of Livestock (3) VSC 493 Internship (3)L VSC 498 Senior Capstone (1-3) VSC 499 Independent Study (3) L	ANS 315R Physiology of Reproduction (3) ANS 315L Physiology of Repro. Lab (1) ANS 270 Intro to Horse Science (3) ANS 334 Animal Nutrition AREC 315 Ag Business & Cons Mngmnt (3) ANS 456 Developmental Biology (3) ANS 472 Dairy Production (3) ANS 431 Equine Nutrition & Mngmt (3) ECOL 487R Animal Behavior (3) ECOL 487L Animal Behavior lab (1) VSC 493 Internship (3)L VSC 498 Senior Capstone (1-3) VSC 499 Independent Study (3)L
<b>Fall odd years</b>	VSC 422R Applied Histology (3) and VSC 422L Applied Histology Lab (1)	
<b>Spring</b>	VSC 401L Animal Anatomy & Physiology Lab (1) VSC 420 Pathogenic Bacteriology (3) VSC 438 Ecology of Infectious Disease(3) VSC 449 Diseases of Wildlife (3) MIC 421B Microbiological Techniques(3)L VSC 493 Internship (3)L VSC 498 Senior Capstone (1-3) VSC 499 Independent Study (3) L VSC 423 Mechanisms of Disease (4)	ECOL 466 Physiology Lab (3) MCB 410 Cellular Biology (3) MCB 411 Molecular Biology (4) MCB 473 Recombinant DNA Methods (4)L BIOC 416 Bioinformatics & Genomic Analysis (3) MCB 468 Comparative Physiology (3) ANS 336 Applied Animal Nutrition (4) ANS 415 Equine Reproduction (3) ANS 477 Beef Production (3) VSC 493 Internship (3)L VSC 498 Senior Capstone (1-3) VSC 499 Independent Study (3)L
<b>Spring even years</b>		VSC 456 Aquaculture (3)

\*Only ONE Animal Production course may count toward VSC major electives

+ For business minors: BAD 301, 302, 303, not to count toward VSC major electives

Note: 3 units of Independent Study, Internship, or Capstone can be counted towards the 22 units required for the VSC major

Note: Courses may not be used for both core and electives

Note: Graduate school bound students should do an Independent Study

Note: All courses are listed under their home department's letter code, however, most are cross-referenced in VSC.

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