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Requirements for Pre-Veterinary Professions

Choosing a Major:

- See an Advisor
Pre-health students must choose a major (pre-health is not a major).
Any major is acceptable, so long as students complete the pre-veterinary requirements.

Qualities of Professional School Applicants:

- A high GPA in science and non-science courses – a competitive GPA is above a 3.6
High Scores on the GRE.
Active in volunteer/work experience/extracurricular events
Has significant clinical experience – shadowing & volunteer work are essential!
Well known by professors
Great letters of recommendation and evaluations
Have a strong, working relationship with the Pre-Health Advising Office!

Common Pre-requisites for Admission to Veterinary Schools:

Biology

BSC 1010, 1010L (General Bio I & Lab)
BSC 1011, 1011L (General Bio II & Lab)

General Chemistry

CHM 1045, 1045L (Gen. Chem. I & Lab)
CHM 1046, 1046L (Gen. Chem. II & Lab)

Organic Chemistry

CHM 2210, 2210L (Org. Chem. I & Lab)
CHM 2211, 2211L (Org. Chem. II & Lab)

Physics I

PHY 2053, 2048L (Gen. Physics I w/out Calc) OR
PHY 2048, 2048L (Gen. Physics I with Calc)

Physics II

PHY 2054, 2049L (Gen. Physics II w/out Calc) OR
PHY 2049, 2049L (Gen. Physics II with Calc)

Mathematics

MAC 2311 (Calculus I)
STA 2122 or STA 3111 (Intro to Statistics I or Statistics I)

Pre-Veterinary Students Must Take:

BCH 3033, BCH 3033L (General Biochemistry & Lab)
-OR- CHM 4304, CHM 4304L (Biological Chemistry & Lab)
MCB 3020, MCB 3020L (General Microbiology & Lab)
PCB 3063 (Genetics)
ANS 3006 (Introduction to Animal Sciences) \*
ANS 3440 (Principles of Animal Nutrition) \*

Recommend Courses (Not required):

ZOO 3713C (Comparative Vertebrate Anatomy)
PCB 4723 (Animal Physiology)
ZOO 3603 (Embryology)
PSY 2012 (Introduction to Psychology)

\* Not available at FIU. Classes available at UF over the summer or at Purdue University Online



Requirements for veterinary schools may **vary** (i.e. math courses, social sciences). Students should consult specific websites for information on requirements for desired schools.

#### AP Credits

- Not all professional schools will accept AP credit for science courses.
- Contact the school(s) you are interested in to find out if they accept AP credits.
- If a school accepts AP credits, they will usually require additional courses taken in that subject area.

#### GPA Calculation

- Most veterinary schools will calculate your *Overall GPA* as well as your *Science and Non-Science (including math)* for admission.
- AP credits are **NOT** computed into your GPA
- ALL post-secondary coursework will be used to compute your GPA for admission.
  - ✓ Dual-enrollment and transfer courses **DO** count toward your GPA for admission
- Veterinary schools **DO NOT** use “forgiveness” policies in calculating your GPA.
- DR grades do not count in your GPA. However, avoid DR grades. Professional schools expect students to carry a consistent, full-time course load (15-18 credits).

#### Application Cycle

- The application cycle begins in early June for fall enrollment the following year.
- Applicants are encouraged to apply EARLY!

#### Professional Experience

- Paid or volunteer pre-veterinary experience. Applicants should be exposed to BOTH large and small animal practices (typical applicants have >500 hours)
- Students must demonstrate a knowledge of their chosen profession when applying to veterinary school
  - **NOTE:** Many otherwise well-qualified applicants are not accepted because they lack sufficient experience and or knowledge of their chosen profession

#### **\*\*Academic Advising\*\***

All lower-division, Pre-Health students must see an advisor in their Major Department in addition to an advisor in the Office of Pre-Health Professions Advising prior to registration each semester!