

Pre-Veterinary Academic Prerequisite Guide 2009/2010

There are academic prerequisite variations between Medical Schools. Therefore, it is up to each student to research the school(s) of interest for specific requirements.

Overall Academic GPA

The overall academic GPA for the 2008 entering class at The University of Tennessee College of Veterinary Medicine was 3.6 on a 4.0 scale.

GRE

The Graduate Record Exam (GRE) is required to be considered for admission to most veterinary schools. The average GRE score for the 2008 entering class at The University of Tennessee College of Veterinary Medicine was 1163.

Required Courses

The University of Tennessee College of Veterinary Medicine requires the following courses:

General Biology	BIOL 1110/11 BIOL 1120/21	8 hrs.
Genetics	BIOL 3100	3 hrs.
Cellular Biology	BIOL 3150	3 hrs.
General Chemistry	CHEM 1110/11 CHEM 1120/21	8 hrs.
Organic Chemistry	CHEM 2010/11 CHEM 2020/21	10 hrs.
*Biochemistry	BIOL 4147/57 or BIOL 4167/77	5 hrs.
Microbiology	HSCI 2230/31	4 hrs.
**Physics	PHYS 2010/11 PHYS 2020/21	8 hrs.
English Composition	ENGL 1010 ENGL 1020	6 hrs.
Social Sciences/Humanities		18 hrs.

* This should be an upper-division course in general cellular and comparative biochemistry. Half of a two-semester sequence will not satisfy this requirement. The biochemistry course requirement must have been satisfactorily completed within five years of the time you wish to enter the professional program.

* *Technical Physics I (PHYS 2110/11) and Technical Physics II (PHYS 2120/21) may be substituted for General Physics I and lab (PHYS 2010/11) and General Physics II (PHYS 2020/21).

Recommended Courses

The following courses are recommended for additional preparation:

Comparative Anatomy	BIOL 3220	4 hrs.
Physiology	HSCI 3020	4 hrs.
Animal Physiology	BIOL 3260	4 hrs.
Pre-Calculus II	MATH 1720	3 hrs.
Probability & Statistics	MATH 1530	3 hrs.
Microbiology	HSCI 2230/31	4 hrs.

Students are also encouraged to take courses in Humanities and Social Sciences such as History, Literature, Speech, Economics, Music, Art, Psychology, and Philosophy.

Majors

You do not have to choose a major in a science field. The choice of a major is yours. Choose a course of study that interests you. Veterinary schools do not assume that you have had any courses other than those required. It is true that students who have an extensive science background have an easier time with the veterinary school basic sciences than non-science majors.

The Application Process

Students are encouraged to begin the application process at the **end of their junior year**. Students must register through the *Veterinary Medical College Application Service* (VMCAS) also AAVMC. An application will be completed through this service and will then be administered to the veterinary schools of your choice. Most schools require a supplemental application that can be found at each school's website.

The VMCAS application will launch **June 4th** and the deadline is in **October 2nd**. It is import to be aware of the deadlines and submit your applications as soon as possible.

Most veterinary school applications require a personal statement as well as three letters of evaluation. One Evaluation should be from a Veterinarian. Therefore it is imperative for students to establish a strong relationship with the person whom the student is volunteering/shadowing. It is important to remember requirements vary by school, so check with each individual school for specifications.

Related Experience

It is important for students to have veterinary experience. Veterinary schools look for students who have had supervised experiences in three or more different areas such as

large animal, small animal, research, food animal production, exotic, aquatic, wildlife, zoological, and medicine. Applicants will be evaluated on duration, level of duties, and diversity of the experiences. Although a precise number of hours are not usually indicated by most veterinary schools, students should work in the field as much as possible without sacrificing grades.

Extracurricular Activities

The admissions committees of veterinary schools are interested in seeing a wide range of extracurricular activities, especially those demanding a significant leadership role. Students should demonstrate their ability to balance full academic schedules with extracurricular involvement on campus and/or employment. ETSU has many organizations that students can join. Students should visit the SORC located on the first floor of the Culp center or www.etsu.edu/sorc for more information regarding extracurricular activities. It is not beneficial to simply join an organization, you must demonstrate leadership qualities!

Community Involvement

Veterinary schools are looking for candidates who express a commitment to community service. Students should seek volunteer projects that focus on giving back to their community. Students are encouraged to also look for volunteer opportunities related to the veterinary field.

Concerns

Students must meet with their pre-professional and academic advisor each semester. Furthermore, students who are Athletes or in the Honors College must also seek advisement from those parties. Serious consequences can occur if students fail to meet with advisors, such as not graduating on schedule, not taking the appropriate courses to prepare for the GRE, etc.

Take Note

Be cautious when putting anything on social networking sites and the internet (such as MySpace, Facebook, YouTube, Email, Voicemail, Mobile Text Messaging, Twitter, and blogs).

Email addresses should also be considered when corresponding with professional schools. Remember that first impressions can also be based on correspondence. Is your email address appropriate for professional communication?

Messages and images you send electronically are reflections of your judgment and potential suitability for Professional Careers. Self-deprecating behaviors shared on an accessible venue can be viewed and/or shared by anyone, resulting in detriment to your acceptance into a Professional School.

**** PROFESSIONAL SCHOOLS DO LOOK AT INTERNET SOURCES WHEN CONSIDERING CANDIDATE APPLICATIONS!!!**

Suggested Two Year Schedule for Pre-Veterinary Students:

Fall Freshmen Year

Course	Credit Hours
CHEM 1110/1111	4
BIOL 1110/1111	4
MATH 1720	3
ENGL 1010	3
Elective	3
	17

Fall Sophomore Year

Course	Credit Hours
CHEM 2010/2011	4
PHSY 2010/2011	4
SPCH 1300	3
Elective	3
Elective	3
	17

Spring Freshmen Year

Course	Credit Hours
CHEM 11120/1121	4
BIOL 1120/1121	4
MATH 1530	3
ENGL 1020	3
Elective	3
	17

Spring Sophomore Year

Course	Credit Hours
CHEM 2020/2021	4
PHYS 2020/2021	4
Elective	3
Elective	3
Elective	3
	17

***Students should maintain a minimum of 17-19 credit hours each semester.**