Pre-Veterinary Program

at Arcadia University

Global Perspectives…Personal Attention…Real-World Integrative Learning Experiences

Adviser

Assistant Professor
Dr. Sheryl Smith

Related Fields of Study

Biology
Chemistry
Post-Baccalaureate Certificate in the Health Professions

About the Pre-Veterinary Program

Arcadia University offers several routes for completion of the requirements for admission to schools of veterinary medicine. Majors in Biology or Chemistry are most commonly taken by students interested in veterinary medicine, but schools will accept students with excellent records in other majors, provided they have adequate preparation in the basic sciences and mathematics. The pre-professional adviser assists students with the application process and choice of schools.

Minimum Recommended Courses

All schools of veterinary medicine recommend the following courses:

BI	101, 102	General Biology I, II
BI	211	Comparative Anatomy and Physiology
CH	101, 102	Modern Chemical Concepts I, II
	or CH 111, 112	Conceptual Chemistry I, II
CH	201, 202	Organic Chemistry I, II
PH	201, 202	Fundamental Concepts of Physics I, II
	or PH 211, 212	Conceptual Physics I, II
MA	201	Calculus I
MA	141	Statistics

Some schools require additional Mathematics or Chemistry as well as Biochemistry and/or Microbiology. These requirements may be met with the following courses:

CH	202	Organic Chemistry II
CH	303	Biochemistry
	or BI 340	Biochemistry
MA	141	Elementary Statistics
MA	202	Calculus II
BI	204	Genetics
BI	323	Microbiology
BI	325	Cell Biology
HE	481	Nutrition
PBH	620	Biostatistics

Students are advised to check with the schools at which they intend to apply to determine which of the Mathematics, Chemistry, Biochemistry or Microbiology courses are pre-requisites for admission.

Satisfactory performance on the Graduate Record Examination (GRE) is required for admission. The GRE may be taken in the spring or summer of the junior year or the fall of the senior year for students who plan to enter veterinary school immediately following graduation.

In addition to prerequisite coursework, students are expected to have gained practical experience with veterinary medicine by either working or volunteering in facilities where veterinary medicine is practiced, such as veterinary clinics, zoos or animal husbandry facilities. Some schools may have specific hour requirements for these experiences.
A strong background in liberal arts and study abroad experiences are considered favorably. Other courses recommended as electives include the following:

BI	325	Cell Biology
BI	327	Histology
BI	332	Animal Behavior
BI	335	Neurobiology
BI	337	Immunobiology