

IUPUI University College

Pre-Veterinary Medicine Program

PRE-VETERINARY CURRICULUM FOR IUPUI STUDENTS MINIMUM CORE COURSE REQUIREMENTS*

Basic Inorganic Chemistry with lab, 1 year	CHEM C 105 (3) & CHEM C 125 (2) and CHEM C 106 (3) & CHEM C 126 (2)
Organic Chemistry with lab 1 year	CHEM C 341 (3) & CHEM C 343 (2) and CHEM C 342 (3) & CHEM C 344 (2)
Biochemistry+	BIOL K 483 (3); or CHEM C 484 (3) and CHEM C 485 (3) & CHEM C 486 (2)
Biology with lab, 1 year	BIOL K 101 (5) and BIOL K 103 (5)
Genetics with lab, 1 semester	BIOL K 322 (3) & BIOL K 323 (2)
Microbiology with lab, 1 semester	BIOL K 356 (3) & BIOL K 357 (2) or MICR J 210 (4)
Animal Nutrition	Offered on-line by Purdue University
Calculus, 1 semester	Math 23100 (3) (rec) or Math 16500 (4) or Math 22100 (3)
Statistics, 1 Semester	Stat 30100 (3)
English Composition, 1 semester	ENG W 131 (3)
Communications, 1 semester	COMM R 110 (3)
Humanities, 3 semesters	various

* Pre-veterinary students should follow their undergraduate programs of study regardless of minimums indicated.

+This course should be a complete upper-division course; half of a 2-semester sequence will not satisfy this requirement.

Other recommended courses: accounting (BUS A 100); technical writing in the health professions(TCM 38000); economics (ECON E 201); embryology (BIOL K 331); immunology (BIOL K 338); leadership (OLS 27400); personal finance (BUS F 260)

APPLICATION PROCESS Students can apply for admission to the Purdue University School of Veterinary Medicine after successfully completing the Pre-Veterinary curriculum. Admission to the School of Veterinary Medicine is highly competitive. For residents, required courses must be completed with a "C -" grade (1.7 on a 4.0 scale) or better in each course and applications must maintain a competitive cumulative grade point average. Students are selected on the basis of college course work and grades, Graduate Record Exam (GRE) scores (General Aptitude Test only), and the extent and nature of the applicant's experience with animals and practicing veterinarians. The selection committee is also concerned with the individual's level of motivation, degree of maturity, and general character. GRE writing assessment required. The College of Veterinary Medicine requires only 3 references. It is highly recommended that at least one referee be a veterinarian who can accurately evaluate you.

CAREER INFORMATION Opportunities exist for graduates of the Veterinary Medicine Program to work in the private and public sectors. There are 28 accredited Schools of Veterinary Medicine in the United States, each having from 25 to 100 Veterinarians on its staff. Veterinary talent and expertise are employed by the US Department of Agriculture, Department of Health and Human Services, Department of Commerce in the National Marine Fisheries Service, Department of Interior in the Fish and Wildlife Service, Environmental Protection Agency in research and toxicological surveillance activities, and Department of Defense in research programs of its branches including activities in support of the National Aeronautics and Space Administration. Other veterinarians find employment opportunities in medical research and laboratory animal care, municipal and state governments, as well as private practice.

FOR MORE INFORMATION

Purdue Veterinary Medicine

Student Services Center

625 Harrison Street

West Lafayette, IN 47907

(765) 494-7893 vetadmissions@purdue.edu or <http://www.vet.purdue.edu/dvm/index.php#dvmprospective>

Or contact a pre-health profession advisor in University College on the third floor of Joseph Taylor Hall. Call (317) 274-4856 or schedule on line at: <http://advising.uc.iupui.edu/>. IUPUI Department of Biology, Pre-professional and Career Advising Call 317-274-5677 or email scareers@iupui.edu