

Basic requirements of the University of Illinois College of Veterinary Medicine

Required Courses	Hrs	Course Name	Prerequisites
BIOL 200A	4	Cell and Molecular Biol, Genetics & Evolution	high school biology & chemistry
BIOL 200B	4	Organismal and Ecological Biology	high school biology & chemistry
CHEM 200, 201	3+1	General Chemistry I & laboratory	high school algebra and chemistry
CHEM 210, 211	3+1	General and Inorganic Chemistry & laboratory	CHEM 200, 201 with C or better
CHEM 339, 341	3+2	Organic Chemistry I & laboratory	CHEM 200, 201 with C or better
CHEM 350, 351	3+2	Introductory Biochemistry & laboratory	CHEM 339, 341 with C or better
ENGL 101, 102	3+3	English Composition I and II	
MATH 108, 109	3+3	College Algebra, Trig & Analytic Geometry	placement score; MATH 108
PHYS 203A, 253A	3+1	College Physics I & laboratory	MATH 108 & 109, or 111
PHYS 203B, 253B	3+1	College Physics II & laboratory	PHYS 203A, 253A

Strongly Recommended Electives

ZOOL 220	5	Animal Diversity	general biology
BIOL 305	3	Genetics-Classical and Molecular	BIOL 200A,B and CHEM 200, 201
BIOL 306	3	Cell Biology	BIOL 200A,B and CHEM 200, 201
BIOL 309	3	Developmental Biology	BIOL 200A,B and CHEM 200, 201
ANS 337	3	Animal Health	a course in biology or physiology
or PHSL 430	3	Cellular Physiology	BIOL 200A,B
MGMT 304 or 350	3	Intro to Management or Small Bus Mgmt	junior standing

Other Recommended Electives

ZOOL 407	4	Parasitology	ZOOL 220
ZOOL 409	4	Vertebrate Histology	ZOOL 220
ZOOL 413	4	The Invertebrates	ZOOL 220
ZOOL 418	4	Comparative Vertebrate Anatomy	ZOOL 220
ZOOL 426	3	Comparative Endocrinology	ZOOL 220
ZOOL 478	3	Animal Behavior	ZOOL 220
MICR 301	4	Principles of Microbiology	BIOL 200A, 1 year chemistry
MICR 403	3	Medical Microbiology	MICRO 301
ANS 121	3	Introduction to Animal Science	
ANS 122	1	Livestock Production Laboratory	
ANS 215	2	Introduction to Nutrition	
ANS 332	3	Animal Genetics	ANS 121 or biology, Math 108

Admission is highly competitive and is usually granted to the best-prepared students. Most first-year veterinary students have four or more years of pre-veterinary education. In-depth experience with animals, including working for a veterinarian, is essential. The University of Illinois requires a letter of recommendation from a veterinarian. The Graduate Record Examination (GRE) is the standardized admissions test for the U. of I. and is computer-only. The GRE can be taken at the Prometric Testing Center in Carterville, IL. (C grades or better are necessary in required courses.)

Pre-Veterinary Medicine is not a major. The student must also choose a major in which to earn a baccalaureate degree. This major must be declared by the end of the sophomore year. Transfer students must declare a major by the beginning of their second semester following transfer. Typically, Pre-Veterinary students choose a major in Zoology/Pre-Veterinary Science Specialization.

The Health Professions Information Office is located in Neckers A 185, phone: 618-536-2147, fax: 618-453-7067. The Health Professions Advisor is Gail Robinson. Her email address is grobin@siu.edu. **See the HPIO web page, which includes links to schools and application services, at: www.science.siu.edu/advisement/health-advise.html**

The Science Advisement Office is also located in Neckers A 185, phone: 618-536-5537, fax: 618-453-7067, email us at advise@cos.siu.edu or see our web site at <http://www.science.siu.edu/advisement/index.html>. The College of Science Academic Advisors are Dana McKenzie, Jean McPherson, and Becky Reed.