

Basic requirements of the University of Illinois College of Veterinary Medicine

<u>Required Courses</u>	<u>Hrs</u>	<u>Course Name</u>	<u>Prerequisites</u>
BIOL 200A	3	Cell and Molecular Biol, Genetics & Evolution	high school biology & chemistry
BIOL 200B	3	Organismal and Ecological Biology	high school biology & chemistry
BIOL 305	3	Genetics-Classical and Molecular	BIOL 200A,B and CHEM 200, 201
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+1	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	high school algebra I and II; 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
ZOOL 220B	3	Diversity of Animal Life-Vertebrates	general biology

Strongly Recommended Electives

ANS 121	3	Science of Animals that Serve Mankind	
ANS 122	1	Production & Processing of the Animal Industry	
ANS 337	3	Animal Health	a course in chemistry
BIOL 306	3	Cell Biology	BIOL 200A,B and CHEM 200, 201
or PHSL 430	2,2	Cellular Physiology	organic chemistry
MICR 302	3	Molecular Biology	BIOL 200A, 1 year of college chemistry
MGMT 304 or 350	3	Intro to Management or Small Bus Mgmt	junior standing

Recommended Electives

ANS 215	2	Introduction to Nutrition	
ANS 219	4	Introductory Horse Management	
ANS 332	3	Animal Breeding and Genetics	ANS 121 or biology
BIOL 308	3	Organismic Functional Biology	BIOL 200A,B and CHEM 200, 201
ECON 113	3	Economics of Contemporary Social Issues	
PSYC 102	3	Introduction to Psychology	
ZOOL 418	4	Comparative Vertebrate Anatomy	ZOOL 220B
ZOOL 478	3	Animal Behavior	ZOOL 220B

Admission is 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 now the standardized admissions test for the U. of I. and is computer-only. The GRE can be taken at the Prometric Test Center in Carterville, IL.

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.

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