

Recommended Pre-Veterinary Medicine Curriculum

Information:

The following table lists the undergraduate courses offered at the University of Nebraska at Omaha that meet Pre-Veterinary Medicine requirements to attend the Professional Program in Veterinary Medicine (PPVM) through the University of Nebraska-Lincoln and Iowa State University.

Students planning to attend other schools or colleges of veterinary medicine should contact those schools for their list of requirements.

NOTE: The final determination whether a course meets Pre-Veterinary requirements rests with the individual veterinary college/school's admissions office.

For general information about pre-veterinary medicine, contact the Health Careers Resources Center (402-554-5980) or unohealthcareers@unomaha.edu.

For specific questions regarding UNL's Pre-Professional Veterinary Medicine program, please contact pre-vet@unl.edu or call (402-472-6680).

Typically Required Courses:

Biological Sciences

BIOL 1450	Biology I	5 credits
BIOL 1750	Biology II	5 credits
BIOL 2140	Genetics	3 credits
BIOL 2740	Physiology & Anatomy I	4 credits
BIOL 2840	Physiology & Anatomy II	4 credits

Chemistry

CHEM 1180* & 1184	General Chemistry I & Lab	4 credits	
CHEM 1190 & 1194	General Chemistry II & Lab	4 credits	
CHEM 2250	Organic Chemistry I	3 credits	
CHEM 2260 & 2274	Organic Chemistry II & Lab	5 credits	
CHEM 3650	OR	Fundamentals of Biochemistry	3 credits
CHEM 4610	OR	Biochemistry of Metabolism	4 credits
CHEM 4650		Biochemistry I	3 credits

*Requires Math 1320 or placement beyond, OR completion of CHEM 1140 & 1144 w/ C+ or better as pre-requisites

Physics

PHYS 1110 & 1154	OR	General Physics I & Lab – Algebraic & Lab	5 credits
PHYS 2110 & 1154		General Physics I – Calculus & Lab	5 credits

Oral & Written Communication

CMST 1110	Public Speaking Fundamentals	3 credits
ENGL 1150 or 1154	English Composition I	3 credits
ENGL 1160 or 1164	English Composition II	3 credits

(Advanced writing composition courses may be substituted for English Comp I & II)

Humanities, Social Sciences & Electives

Students are required to complete Humanities or Social Sciences of choice	8+ credits
Students are required to complete Electives of choice	8+ credits

Students are strongly encouraged to take math, statistics, and advanced Biology courses to supplement their academic pursuits.