

# PRE-VETERINARY MEDICINE CERTIFICATE REQUIREMENTS

Code	Title	Units
<b>Certificate Requirements</b> <sup>1, 2, 3, 4</sup>		
BIOLOGY 251	INTRODUCTION TO GENETICS	4
CHEM 251	ORGANIC CHEMISTRY - I	3
CHEM 454	BIOCHEMISTRY OF MACROMOLECULES	3
or BIOLOGY 456	BIOCHEMISTRY OF METABOLISM AND SIGNALING	
or CHEM 456	BIOCHEMISTRY OF METABOLISM AND SIGNALING	
PHYSICS 141	PRINCIPLES OF PHYSICS II	5
or PHYSICS 181	PHYSICS FOR SCIENTISTS AND ENGINEERS II	
Select one of the following:		3
BIOLOGY 303	BIOSTATISTICS	
PSYCH 215	BASIC STATISTICAL METHODS	
STAT 230	INTRODUCTION TO STATISTICAL REASONING AND ANALYSIS	
The following courses may be required prerequisites for admission to veterinary medicine school. Review admission requirements for the program(s) where you intend to apply.		
BIOLOGY 311	MICROBIOLOGY	
BIOLOGY 340	COMPARATIVE VERTEBRATE ANATOMY	
BIOLOGY 345	ANIMAL PHYSIOLOGY	
CHEM 252	ORGANIC CHEMISTRY - II	
CHEM 261	ORGANIC CHEMISTRY LABORATORY	
CHEM 262	ORGANIC CHEMISTRY LABORATORY - INTERMEDIATE	
<b>Total Units</b>		<b>18</b>

<sup>1</sup> Veterinary Medicine schools will only accept coursework that is completed with a C or better. Schools of veterinary medicine may also have a cumulative GPA requirement. There is no grade or GPA requirement to earn this certificate.

<sup>2</sup> This certificate does not encompass all possible pre-requisite courses for admission to Veterinary Medicine (DVM) school. Students are encouraged to proactively identify required prerequisite courses for admission to the schools where they intend to apply. Additionally, most veterinary medicine schools require many hours of experience job shadowing with both large and small animal veterinarians and a standardized admission test such as the GRE or CASPer.

<sup>3</sup> Schools of veterinary medicine may not require completion of a bachelor's degree prior to admission. Students opting to apply without completing a degree will need to ensure they meet any English, humanities, and social science requirements as those are not included in this certificate.

<sup>4</sup> Completion of this certificate does not guarantee admission to veterinary medicine school. Each school of veterinary medicine makes its own admissions decisions based upon its own requirements.