

PRE-VETERINARY PROGRAM

VCU offers a pre-veterinary medicine program for students who are interested in attending veterinary school. You may choose any major at the University and must complete all required courses for both the major and veterinary school. The following requirements apply to the doctoral program in veterinary medicine (DVM) at Virginia Tech. Students are encouraged to check the websites of other veterinary programs to learn more about their prerequisites.

COURSES	SEMESTER	GRADE
ENGLISH: <i>effective Fall 2007</i>		
UNIV 111: Focused Inquiry I		
UNIV 112: Focused Inquiry II <i>Grade of "C" or better required</i>		
ENGL 200: Writing & Rhetoric Workshop II <i>Prerequisite: UNIV 111- 112(or equivalent) & 24 credits; Grade of "C" or better required</i>		
MATH: A minimum of 2 semesters of math courses is required.. Students should check them math requirements for their major & at various veterinary schools before scheduling math courses.		
MATH 151: Pre-calculus Mathematics <i>Prerequisite: MATH 141 or by placement test</i> OR		
MATH 200: Calculus w/ Analytic Geometry <i>Prerequisite: MATH 151 or by placement test</i> OR		
STAT 210: Basic Practice of Statistics <i>Prerequisite: MATH 131,141,151 or by placement test</i>		
BIOLOGICAL SCIENCES : <i>Most veterinary schools require a minimum of 2 Biology courses w/ a lab. Biology courses depend on a student's major choice & should be made in consultation w/ the student's advisor</i>		
BIOL 151: Intro to Biological Science I <i>Prerequisite: Placement into MATH 151 & "C" or better in CHEM 100 or through placement into CHEM 101</i> AND	-----	-----
BIOZ 151: Intro to Biological Sciences I Lab		

<p>BIOL 152: Intro to Biological Sciences II Can be taken before BIOL 151 Prerequisite: Placement into MATH 151 & "C" or better in CHEM 100 or through placement into CHEM 101</p> <p style="text-align: center;">AND</p> <p>BIOZ 152: Intro to Biological Sciences Lab II</p>	-----	-----
OR		
<p>BIOL 101: Biological Concepts AND BIOZ 101: Biological Concepts Lab</p>	-----	-----
<p>BIOL 201: Human Biology AND BIOZ 201: Human Biology Lab</p>	-----	-----
CHEMISTRY		
<p>CHEM 101: General Chemistry I Prerequisite: CHEM 100 or by placement Prerequisite/Co-req MATH 151 AND CHEZ 101: General Chemistry Lab I</p>	-----	-----
<p>CHEM 102: General Chemistry II Continuation of CHEM 101 AND CHEZ 102: General Chemistry Lab II</p>	-----	-----
ORGANIC CHEMISTRY		
<p>CHEM 301: Organic Chemistry I Prerequisites: CHEM 101-102 & CHEZ 101-102 AND CHEZ 301: Organic Chemistry Lab I</p>	-----	-----
<p>CHEM 302: Organic Chemistry II Continuation of CHEM 301 AND CHEZ 302: Organic Chemistry Lab II</p>	-----	-----
BIOCHEMISTRY		
<p>CHEZ 403: Biochemistry</p>		
PHYSICS		
<p>PHYS 201: General Physics I Prerequisite: MATH 151 AND PHYS 202: General Physics II Prerequisite: PHYS 201</p>	-----	-----

OR		
<p>PHYS 207: University Physics I Co-requisite: MATH 200</p> <p style="text-align: center;">AND</p> <p>PHYS 208: University Physics II Prerequisite: PHYS 207 Co-requisite: MATH 201</p>		
<p>RECOMMENDED COURSES: Additional Science courses are recommended to help with the transition into Veterinary school. Students should prioritize taking the required courses for their major and for the concentration.</p>		
<p>BIOL 218: Cell Biology Prerequisites: "C" or better BIOL/Z 151,152(or equivalent) CHEM 101&102</p>		
<p>BIOL 303: Bacteriology Prerequisites: "C or better in BIOL 218</p>		
<p>BIOL 310: Genetics Prerequisites: "C" or better in BIOL 218</p>		
<p>BIOL 311: Animal Physiology Prerequisite: "C" or better in BIOL 218</p>		

HEALTH CARE, VOLUNTEERING, SHADOWING OPPORTUNITIES (Some of these may also be paid employment)	HOURS	RESPONSIBILITIES

EXTRA-CURRICULAR, ORGANIZATIONS, PAID EMPLOYMENT (non-veterinary)	HOURS	RESPONSIBILITIES

an equal opportunity/affirmative action university