

## Cazenovia College advising sheet for Biology majors preparing for *Veterinary School (DVM)*

**NOTE that admission into veterinary school is *highly competitive* and *will require much more than simply earning good grades in prerequisite courses. It is critical that you research as early as possible the specific requirements of the particular veterinary school* to which you plan to eventually apply. This document reflects prerequisite courses required by most veterinary schools. However, some veterinary schools may require or recommend additional courses, and some veterinary schools do not require all of these particular prerequisite courses.**

**IMPORTANT! In *addition* to grades of a “C” or higher in prerequisite courses, veterinary schools *also generally require*...**

Undergraduate GPA of ***at least*** 3.0,

Sufficiently high GRE scores (some also require the Biology GRE; some accept MCAT scores instead of GRE),

Demonstrated leadership experience and communication skills,

***Substantial*** experience (paid or volunteer) with animals in a variety of settings (e.g., veterinary clinics, farms, kennels, animal shelters, zoos),

Letters of Recommendation.

Cazenovia College Biology Curriculum	Veterinary School Prerequisite Courses
<b>PROGRAM COURSES</b>	
Art & Sciences Courses	
Course (Credits)	
SM 117 Diversity of Life (4)	General Biology I
SM 118 Cellular and Molecular Biology (4)	General Biology II
SM 121 General Chemistry I (4)	General Chemistry I
SM 122 General Chemistry II (4)	General Chemistry II
SM 211 Investigating Biology (3)	
SM 221 Organic Chemistry I (4)	Organic Chemistry I
SM 231 Comparative Vertebrate Anatomy (4)	
SM 243/343 Biotopics (3)	
SM 261 Statistics (3)	Statistics
SM 315 Genetics and Evolution (4)	Genetics
SM 331 Animal Physiology (4)	
SM 342 Principles of Ecology (3)	
SM 411 Cell Biology and Physiology (4)	
SM 200/300/400 level Biology elective (3 or 4)	Organic Chemistry II recommended
<b>TOTAL PROGRAM CREDITS - 51</b>	

<b>Cazenovia College Biology Curriculum</b>	<b>Veterinary School Prerequisite Courses</b>
<b>ELECTIVES</b>	
Course (Credits)	
100-400 level (11)	
Physics I (4)	General Physics I
Physics II (4)	General Physics II
300/400 level (19)	
Biochemistry (3)	Biochemistry
	Microbiology recommended
<b>TOTAL ELECTIVE CREDITS - 30</b>	
<b>GENERAL EDUCATION COURSES</b>	
First Year Seminar	
<b>Written Communication</b>	
EN 101 Academic Writing I	English Composition/Writing I
EN 201 Academic Writing II	English Composition/Writing II
<b>Spoken and Interpersonal Communication</b>	
CM 121 Effective Speaking	
CM 301 OR CM 313 OR CM 410	
<b>Ethics</b>	
HU 361 OR HU 365	
<b>Quantitative Literacy<sup>1</sup></b>	
SM 161 OR SM 165 OR SM 265	
<b>Cultural Literacy</b>	
Any course from Cultural Literacy list	
<b>Scientific Literacy<sup>2</sup></b>	
PS 120 Intro. Psychology	
<b>Diversity and Social Consciousness<sup>3</sup></b>	
SB 130 Intro. Sociology	
<b>Visual Literacy</b>	
Any course from Visual Literacy list	
<b>Critical Thinking, Problem Solving and Info. Lit.</b>	
SM 396 Scientific Inquiry	
<b>Senior Capstone</b>	
SM/HU 499 Senior Capstone	
<b>TOTAL GENERAL EDUCATION CREDITS - 39</b>	
<b>TOTAL CREDITS FOR DEGREE - 120</b>	

<sup>1</sup> Any course from the College's Quantitative Literacy list may be used to satisfy this requirement, but SM 161 or SM 165 or SM 265 must be completed before SM 261 Statistics which is a specific Biology degree requirement.

<sup>2</sup> Any course from the College's Scientific Literacy list may be used to satisfy this requirement, but students interested in veterinary school should complete PS 120 Intro. Psychology or other behavioral science course.

<sup>3</sup> Any course from the College's Diversity and Social Consciousness list may be used to satisfy this requirement, but students interested in veterinary school should complete SB 130 Intro. Sociology or other social science course.