

# Pre-Veterinarian Curriculum Guide 2024-2025\*

Course requirements for Michigan Veterinary Medicine School

Requirements	Michigan State University*
<b>Chemistry</b>	CHM 131
<b>Organic Chemistry</b>	CHM 345, 346, & 349
<b>Biochemistry</b>	CHM 520 or CHM 521 & 522
<b>Physics</b>	PHY 130, 131, 170 & 171 or PHY 145, 146, 175, & 176
<b>Biology</b>	BIO 111 & BIO 112
<b>Mathematics</b>	MTH 130 or MTH 132
<b>One Additional Upper-Level Biology Course</b>	Microbiology (BIO 320), Cell Biology (BIO 324) or Physiology (BIO 390 or 392), or Histology (BIO 536) or Immunology (BIO 537) or Developmental Biology (BIO 544) or Medical Microbiology (BIO 580) or Conservation Medicine (BIO 585)
<b>English Composition</b>	ENG 101 or higher
<b>Social Science</b>	2 courses that include two of the following areas: cultural anthropology, economics, human geography, political science, psychology, and sociology
<b>Art and Humanities</b>	2 courses that include two of the following areas: history, literature, art/music/theater history or appreciation, philosophy, and religion.
<b>Additional Recommended Courses</b>	Genetics (BIO 211)
<b>Average GPA for incoming class</b>	3.36 Science Prerequisites 3.54 Last 3 semester GPA
<b>Veterinarian Hours</b>	Breadth and Depth of Animal and Veterinary experiences through time of application
<b>Minimum Grade Requirement</b>	All required courses must be completed with a minimum grade of C. A minimum last-3-semester GPA of 3.0 in combination with a minimum science pre-requisite GPA of 3.0 is required for an application to receive a file review.
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>AP credit can be used to fulfill introductory courses such as the math requirement, the Chemistry I requirement, the Physics I and II requirement and the Introduction to Biology I and II requirement.</li> <li>MSU does not require completion of a bachelor's degree. Students should discuss with their advisor if they do not intend to complete their degree at CMU.</li> </ul>

\* Students should check individual schools, including MSU, for the most current requirements.

## Additional Recommended Courses

Additional recommended courses, based on pre-requisites at other institutions include Animal Nutrition, Genetics, Microbiology, Statistics, Communications and Physiology. Students should research the requirements of the schools to which they intend to apply and work with their academic advisor to integrate course requirements.

## CLEP/AP Credit/Community Colleges

Each professional school has their own policy on whether to accept courses from CLEP, Advanced Placement and Community Colleges. Students must individually contact the schools to determine the requirements.