

Pre-Veterinarian Curriculum Guide 2023-2024*

Course requirements for Michigan Veterinary Medicine School

Requirements	Michigan State University*
Chemistry	CHM 131
Organic Chemistry	CHM 345, 346, & 349
Biochemistry	CHM 520 or CHM 521 & 522
Physics	PHY 130, 131, 170 & 171 or PHY 145, 146, 175, & 176
Biology	BIO 111 & BIO 112
Mathematics	MTH 107, 109 or MTH 130 or MTH 132
One Additional Upper-Level Biology Course	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)
English Composition	ENG 101 or higher
Social Science	2 courses that include two of the following areas: cultural anthropology, economics, human geography, political science, psychology, and sociology
Art and Humanities	2 courses that include two of the following areas: history, literature, art/music/theater history or appreciation, philosophy, and religion.
Additional Recommended Courses	Genetics (BIO 211)
Average GPA for incoming class	3.36 Science Prerequisites 3.54 Last 3 semester GPA
Veterinarian Hours	Breadth and Depth of Animal and Veterinary experiences through time of application
Minimum Grade Requirement	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.
Additional Information	<ul style="list-style-type: none"> 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. 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.

* 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.