



PRE-VETERINARY MEDICINE

Pre-Professional Health Sciences Program

Reference this form (<https://www.aavmc.org/data/files/vmcas/prereqchart.pdf>) for additional information about the requirements of specific programs.

REQUIRED COURSES

Course #	Course Description	Credits
BIOL 215	Organismal Biology	4
BIOL 240	Molecular & Cellular Biology	4
BIOCH 376	Foundational Biochemistry	3
CHEM 223	General Chemistry I	4
CHEM 224	General Chemistry II	4
CHEM 315	Organic Chemistry I	4
CHEM 316	Organic Chemistry II	4
PHYS 151/253	College Physics I Lecture and University Physics I Lab	4
PHYS 162/263	College Physics II Lecture and University Physics II Lab	4
MATH 150	Elements of Calculus	3
OR MATH 185	Calculus I	4
OR STAT 220	Inferential Statistics <i>for a total of 6 SH</i>	2
PSYC 101	General Psychology	3
SOC 201	Sociology of Health	3
	Total credits	47

Some schools might also require:

Course #	Course Description	Credits
BIOL 327	Advanced Microbiology	3
BIOCH 398	Advanced Cell Biology	3
BIOCH 438	Molecular Genetics	3
BIOL 437	Advanced Human Anatomy	4
BIOL 447	Advanced Human Physiology	4

BE WELL PREPARED AT EMU FOR VETERINARY SCHOOL WITH:

- ▶ **Clinical experience/job shadowing**
- ▶ **Faculty mentoring**
- ▶ **Real-world research**
- ▶ **Mock interview**