

# VETERINARY MEDICINE -- Doctor of Veterinary Medicine (DVM)

## RECOMMENDATIONS ONLY

Schools Referenced	Iowa State University-Ames, IA University of Minnesota-Twin Cities, MN Colorado State University-Fort Collins, CO
Notes	<ul style="list-style-type: none"> <li>➤ Although completion of a baccalaureate degree is not required, typically 90%+ of admitted students have completed their bachelor's degree.</li> <li>➤ A minimum cumulative GPA of 2.50 to 2.8 is required depending on program <b>2021 ISU avg GPA=3.69.</b> Grade of C or above in all pre-req courses</li> <li>➤ Graduate Record Exam (GRE) required; <a href="http://www.ets.org/gre/">http://www.ets.org/gre/</a></li> <li>➤ Students apply through Veterinary Medical College Application Services (VMCAS), <a href="http://www.aavmc.org/">http://www.aavmc.org/</a></li> <li>➤ If a course is repeated, all grades will be used in the GPA calculation.</li> <li>➤ Directory of programs available at: <a href="http://www.aavmc.org/data/files/vmcas/prereqchart.pdf">http://www.aavmc.org/data/files/vmcas/prereqchart.pdf</a></li> </ul>
Biology	<p>_____ General Biology: Organismal Diversity--BIOL2051</p> <p>_____ General Biology: Cell Structure and Function--BIOL2052</p> <p>_____ Genetics--BIOL3140</p> <p>_____ General Microbiology—BIOL3151</p> <p>_____ Vertebrate Anatomy—BIOL3106</p> <p>_____ Vertebrate Physiology-BIOL4137 (Odd Falls) OR</p> <p>_____ Comparative Animal Physiology-BIOL4114 (Even Falls)</p>
Chemistry	<p>_____ General Chemistry I--CHEM1110</p> <p>_____ General Chemistry II--CHEM1120</p> <p>_____ Organic Chemistry I--CHEM2210</p> <p>_____ Organic Chemistry II--CHEM2220</p> <p>_____ Organic Chemistry Lab--CHEM2230</p> <p>_____ Biochemistry I--CHEM4510</p>
Math	<p>_____ Statistics--STAT1772 or Biostatistics—BIOL4157</p> <p>_____ Pre-calculus--MATH1140</p> <p>OR _____ Math for the Biological Sci--MATH1120 AND Trigonometry--MATH1130</p>
Physics	<p>_____ General Physics I--PHYSICS1511</p> <p style="text-align: right;">*All pre-req courses must earn C or above</p>
Experiential Component	Volunteering or working in a veterinary hospital or clinic setting, science research or related service organizations strengthens applications. Make relations with people that would be a strong reference to add to your application. ISU: 200 hours or more of quality animal, veterinary, or research experience.
Recommended Elective Courses	<p>_____ Biochemistry II—CHEM4520</p> <p>_____ Cell Biology--BIOL4128</p> <p>_____ Immunology—BIOL4150</p> <p>_____ Developmental Biology of Animals—BIOL4146</p> <p>_____ General Physics II--PHYSICS1512</p> <p>Could substitute for anatomy and physiology requirement</p> <p>_____ Anatomy &amp; Physiology I--BIOL3101</p> <p>_____ Anatomy &amp; Physiology II--BIOL3102</p>