

IOWA STATE UNIVERSITY

College of Veterinary Medicine

2-YEAR PATHWAY TO VETERINARY MEDICINE

Applying to Iowa State University's College of Veterinary Medicine before earning a bachelor's degree can save students a year or two of tuition and time. This guide can help plan the time spent in undergraduate studies so that the coursework required for application to the College of Veterinary Medicine can be completed in as little as four semesters. **Students are encouraged to consult the CVM admissions office while pursuing their prerequisites.**

General College/University Courses

Gen.

YEAR 1		APPLY May-September Apply to Iowa State University College of Veterinary Medicine	YEAR 2	
Fall Semester 1 Biology I + Lab Chemistry I + Lab English Arts and Humanities	Spring Semester 1 Biology II + Lab Chemistry II Arts and Humanities English Elective		Fall Semester 2 Organic Chemistry I + Lab Physics I + Lab Genetics Anatomy	Spring Semester 2 Biochemistry Speech Elective Elective

There is flexibility for placement of the arts, humanities, English and elective classes. Most courses can be taken at a community college with the possible exception of biochemistry and genetics.

Iowa State University Courses

ISU

YEAR 1		APPLY May-September Apply to Iowa State University College of Veterinary Medicine	YEAR 2	
Fall Semester 1 Chem 177 and 177L Biol 211 and 211L Engl 150 Arts and Humanities	Spring Semester 1 Chem 178 Biol 212 and 212L Engl 250 Elective		Fall Semester 2 Chem 331 and 331L Phys 131X/131LX or Phys 231X/231LX or Phys 115/115L BIOL 313, GENETICS 320 or ANSC 352 Anatomy (BMS 329 or AN S 214 or Biol 155, 255, 335)	Spring Semester 2 BBMB (301, 316 or 420) Arts and Humanities SP CM 212 Elective Elective

Advanced Placement

AP

- AP Biology and Chemistry - Scores of 4-5 on each of these meets the General Biology & lab requirement and the General Chemistry & lab requirement for veterinary medicine.
- AP English for English 150 or with 24 ACT, 550 SAT can take English 250 and get credit for both if the person earns a C or better.
- AP Physics 1 or Physics C-mechanics – Scores of 4-5 on this exam meets the General Physics 1 and lab requirement for veterinary medicine.
- Social sciences, humanities, and electives may also be completed with AP exams or taken at a community college while in high school.

If a student completes all of these above courses in high school, then:

YEAR 1		APPLY May-September Apply to Iowa State University College of Veterinary Medicine	YEAR 2	
Fall Semester 1 Organic Chemistry I + Lab Arts and Humanities Speech	Spring Semester 1 Genetics Arts and Humanities		Fall Semester 2 Anatomy Biochemistry Elective Elective	Spring Semester 2 <i>Students are encouraged to continue taking courses to work toward a degree</i>