

### 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 academic advisors and the CVM admissions office while pursuing their prerequisites.

#### General College/University Courses

**Gen.**

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

*There is flexibility for placement of the arts, humanities and English 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 <b>May-September</b> Apply to Iowa State University College of Veterinary Medicine	YEAR 2	
Fall Semester 1	Spring Semester 1		Fall Semester 2	Spring Semester 2
Chem 177 and 177L	Chem 178		Chem 331 and 331L	BBMB (301, 316 or 420)
Biol 211 and 211L	Biol 212 and 212L		Anatomy (BMS 329 or AN S 214 or Biol 155, 255, 335)	Arts and Humanities
Engl 150	Engl 250		Genetics	
SP CM 212	Physics 111		Arts and Humanities	

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