

# 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. Questions? Contact [cvmadmissions@iastate.edu](mailto:cvmadmissions@iastate.edu)**

#### 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 + Lab	Biology II + Lab	Organic Chemistry I + Lab	Biochemistry	
Chemistry I + Lab	Chemistry II	Physics I + Lab	Speech	
English	Arts and Humanities	Genetics	Elective	
Arts and Humanities	English	Anatomy	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 <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	Phys 131X/131LX or Phys 231X/231LX or Phys 115/115L	Arts and Humanities SP CM 212 Elective	
Engl 150	Engl 250	BIOL 313, GENETICS 320 or ANSC 352	Elective	
Arts and Humanities	Elective	Anatomy (BMS 329 or AN S 214 or Biol 155, 255, 335)		

#### 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 + Lab	Genetics	Anatomy	<i>Students are encouraged to continue taking courses to work toward a degree</i>	
Arts and Humanities	Arts and Humanities	Biochemistry		
Speech		Elective		
		Elective		