

Sample Biology BS Pre-Veterinary 4-year plan

Fall – 14 hours	Spring – 15 hours
BIOL 1800: Intro to the Biology Major (1)	BIOL 1821: Intro Bio: Organisms and the Environment* (5)
Math 1030: College Algebra (3)	CHEM 1111: Introductory Chemistry I* (5)
ENGL 1100: First Year Writing I* (3)	Math 1035: Trigonometry (2)
Core: US History and Government (3)	Comm 1040: Public Speaking (3)
Explore: Social Sciences (Psych 1003) (3)	
INTDSC 1003: University Studies (1)	
Activities: Get involved in student organizations, Start researching doctors to shadow. Volunteer/community service	Activities: Get to know faculty so that you can start inquiring about research opportunities, Volunteer/Community Service
Fall – 16 or 18 hours	Spring – 15 hours
CHEM 1121: Introductory Chemistry II* (5)	BIOL 2012: Genetics (3) **
BIOL 1831: Intro Bio: From Molecules to Organ* (5)	Chem 2612: Organic Chemistry I* (3)
Math 1100: Basic Calculus (3) or Math 1800: Analytical Geometry (5) *	BIOL 3802: Vertebrate Physiology* (3)
PHIL 2256: Bioethics* (3)	BIOL 3803: Vertebrate Physiology lab* (2)
	PHY 1011: Basic Physics* (3)
	PHY 1011: Basic Physics Lab* (1)
Activities: Patient experience exposure, shadowing, community service /volunteer	Activities: Patient experience exposure, shadowing, community service; Line up Research lab opportunities with faculty for the fall
Fall – 16 hours	Spring – 15 hours
English 3160: Writing in the Sciences* (3)	BIOL 3302: Evolution (3)
Math 1105: Basic Probability & Statistics* (3)	Physics 1012: Basic Physics II (3)
CHEM 2633: Organic Chemistry Lab* (2)	Physics 1012: Basic Physics II lab (1)
CHEM 2622: Organic Chemistry II* (3)	BIOL 4732: Principles of Biochemistry *(3)
BIOL 2402: Vertebrate Anatomy* (3)	BIOL 3102: Animal Behavior* (3)
BIOL 2403: Vertebrate Anatomy lab* (2)	BIOL 3013: Animal Behavior Lab* (2)
GRE Preparation (if applicable)	Take the GRE exam no later than May
Take a Practice Exam	
Fall – 14 hours	Spring – 15 hours
BIOL 3622: Cell Biology (3) **	BIOL 4889: Senior Seminar (2)
BIOL Diversity Course: Microbiology (3) **	Explore Social Science (3) needs to satisfy Cultural Diversity
BIOL 2483: Microbiology Lab (2) **	Explore: Social Science (3)
BIOL 4000 level Lecture (3) choose course to support application	Explore: Humanities & Fine Arts (3)
Explore: Humanities & Fine Arts (3)	Advanced course to support Application (3)
	Elective (1) *needed if Math 1100 is taken
School Interviews start – Good luck!	

- ✓ This plan was designed for students who plan to apply to veterinary school after their Junior (third) year of college with plans to begin dental school right after graduation. This plan is for a first-time college student. For students transferring credits, plans may differ.
- ✓ If you are not a biology major, you can meet with your major advisor to create a specific plan for your degree. Please keep in mind the activities and timeline for GRE preparation and testing. Depending on when you are applying, all pre-reqs should be completed before taking the test.
- ✓ Please keep in mind that each professional school may have their own set up specific requirements. You should contact the school of your choice to get a list of requirements that are needed for admission into their program.

*Required before applying to vet school or taking the GRE

**Recommended courses to take to support your application and admission