

Sample Biology BS Pre-med 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 Pre-Med Society, 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)	BIOL 2012: Genetics Lab (2)
Math 1100: Basic Calculus* (3) or Math 1800: Analytical Geometry* (5)	Chem 2612: Organic Chemistry I* (3)
PHIL 2256: Bioethics* (3)	Math 1105: Basic Probability & Statistics* (3)
	PHY 1011: Basic Physics I* (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 – 15 hours	Spring – 14 hours
English 3160: Writing in the Sciences* (3)	BIOL 3302: Evolution (3)
Explore: Social Science (3)	BIOL Diversity Course: Microbiology** (3)
CHEM 2633: Organic Chemistry Lab* (2)	BIOL 2000 level Lab: Microbiology Lab** (2)
BIOL 4732: Principles of Biochemistry *(3)	CHEM 2622: Organic Chemistry II (3)
Physics 1012: Basic Physics II* (3)	Explore: Humanities & Fine Arts (3) **PHIL 1160
Physics 1012: Basic Physics II lab* (1)	
MCAT Preparation (if applicable)	MCAT Testing (in March or April; recommend no later than May)
	*Medical School applications open in May!
Fall – 16 hours	Spring – 15 hours
BIOL 3622: Cell Biology** (3)	BIOL 4889: Senior Seminar (2)
BIOL 2000 level lecture (3)	Cultural Diversity course (3)
BIOL 2000 level Lab (2)	Explore: Social Science (3)
BIOL 4000 level Lecture (3)	Advanced course to support Medical School Application (3)
BIOL 4000 level Lab (2)	Advanced course to support Medical School Application (3)
Explore: Humanities & Fine Arts (3)	Elective (1) needed if Math 1100 is taken
Medical School Interviews (August – December)	

- ✓ This plan was designed for students who plan to apply to medical school after their Junior (third) year of college with plans to begin medical 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 MCAT preparation and testing. Depending on when you are applying to medical school, all pre-reqs should be completed before taking the test.
- ✓ Please keep in mind that each medical 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 taking the MCAT

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