

## Sample Chemistry, Biochemistry emphasis BA Pre-med 4-year plan

\*this plan assumes that a student has tested into Math 1100

Fall – 15 hours	Spring – 15 hours
Chem 1000: Chemistry- The Central Science (1)	BIOL 1821: Intro Bio: Organisms and the Environment* (5)
Math 1800: Analytical Geometry I * (5)	CHEM 1121: Introductory Chemistry II* (5)
ENGL 1100: First Year Writing I* (3)	Chem 2612: Organic Chemistry I* (3)
CHEM 1111: Introductory Chemistry I* (5)	Explore: Social Sciences (Psych 1003) (3)
INTDSC 1003: University Studies (1)	
Activities: Get involved in Pre-Med Society, Start researching medical 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 hours	Spring – 16 hours
FGN LANG 1001: Language and Culture I (5)	CHEM 2633: Organic Chemistry Lab* (2)
BIOL 1831: Intro Bio: From Molecules to Organ* (5)	PHIL 2256: Bioethics * (3)
Chemistry 2223: Quantitative Analysis in Chem (3)	Math 1105: Basic Probability & Statistics* (3)
CHEM 2622: Organic Chemistry II* (3)	FGN LANG 1002: Language and Culture II (5)
	BIOL 2012: Genetics* (3)
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
CHEM 3022: Intro to Chemical Literature (3)	CHEM 3302: Physical Chemistry for The Life Sciences (3)
CHEM 3412 Basic Inorganic Chemistry (3)	CHEM 4722: Advanced Biochemistry (2)
CHEM 4712: Biochemistry* (3)	BIOL 3622: Cell Biology* (3)
Physics 1011: Basic Physics Lecture I* (3)	BIOL 2482: Microbiology* (3)
Physics 1011: Lab * (1)	Physics 1012: Basic Physics Lecture II* (3)
FGN LANG 2101: Language and Culture III (3)	Physics 1012: lab* (1)
	MCAT Testing ( <i>recommend no later than May</i> )
MCAT Preparation ( <i>if applicable</i> )	*Medical School applications open in May!
Fall – 14 hours	Spring – 14 hours
CHEM 3643: Advanced Organic Chem Lab (2)	CHEM 4897 Seminar in Chemistry (2)
CHEM 4733 Biochemistry Laboratory: 2 semester hours (3)	CORE: US History and Government (3)
Explore: Humanities & Fine Arts (3)	Explore: Humanities & Fine Arts (3)
Comm 1040: Public Speaking (3)	Cultural Diversity (3)
English 3160: Writing in the Sciences* (3)	Explore: Social Science (3) **double dip as Cultural Diversity
<i>Medical School Interviews (August – December)</i>	

- ✓ 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 Chemistry 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.

\*Recommended before the MCAT and/or before applying to medical school