

PRE-MEDICINE: COURSE REQUIREMENTS

SUBJECT	# SEMESTERS	COURSES	PREQUISITES	SEMESTERS
General Chem	2 with lab*	Chem 1A/AL or Chem 4A/B	Chem 4A/B (high school chem or college course, calc can be concurrent)	F, Sp
Organic Chem	2 with lab	Chem 3A/AL and 3B/BL	Chem 3A/AL (Chem 1A/AL with min C-), Chem 3B/L (Chem 3A/AL with min C-),	F, Sp
Biochemistry	1	MCB 102 or MCB C100A/Chem C130 or Chem 135	MCB 102 (Bio 1A/AL, Chem 3B), MCB C100A/Chem C130 (Chem 3A, Math 1A, Bio 1A/AL), Chem 135 (Chem 3B, Bio 1A)	Chem 135 (F) others (F, Sp)
Biology	2 with lab + at least one upper division course	Bio 1B and Bio 1A/1AL and any upper division bio course other than MCB 102	Bio 1A/AL (Chem 1A/AL with min C-, 1A must be concurrent with 1AL)	F, Sp
Physics	1-2 with lab	Physics 8A, 8B or Physics 7A, 7B	Physics 8A (Math 1A/ 10A, 16A), Physics 7A (hs physics, Math 1A, 1B can be concurrent), Physics 7B (7A, Math 53 can be concurrent)	F, Sp
Calculus	2	Math 10A/10B or Math 1A/1B or Math 16A/B or Math 53 and 54	Math 1A, 10A, 16A (3.5 years of HS math with trig and geometry), Math 1B, 10B, 16B (Math 1A/10A/16A), Math 53 (Math 1B), Math 54 (Math 1B or 10B)	F, Sp
Statistics	1	Math 10A/10B (covers both calc and stats) or Stats 20 or Stats 131A or Public Health 142A	Public Health 142A (High School Algebra), Stats 131A (1 semester of calculus)	F, Sp
English	2	R&C or English/Rhetoric courses	none	F, Sp
Social Science	suggested, not required	Psych 1 or Psych 2, Sociol 1	none	F, Sp

*UC Berkeley's unique chemistry sequence covers this 2 semester requirement with content in later courses (ex: Chem 3A/3B and MCB 102), therefore only 1 semester of explicit general chemistry is needed

Keep in mind that all of these courses must be taken at a college level regardless of if you have passed out of them with AP credits. Different schools may have slightly different requirements. Email prehealth@berkeley.edu for any further questions about medical school.

Resources found through: <https://career.berkeley.edu/Info/PreHealthAppt>

PRE-MEDICINE: 4 YEAR PLAN SAMPLES

SEMESTER	CLASSES
Year 1; Fall	Math 10A, Chem 1A/1AL, R1A (R&C class)
Year 1; Spring	Math 10B, Chem 3A/AL, R1B (R&C class)
Year 2; Fall	Chem 3B/BL, Physics 8A, Psych 1
Year 2; Spring	Bio 1A/AL, Physics 8B
Year 3; Fall	MCB 102, Bio 1B
Year 3; Spring	MCB 104 (upper division biology class)
Year 4; Fall	N/A
Year 4; Spring	N/A

SEMESTER	CLASSES
Year 1; Fall	Math 10A, Chem P, R1A (R&C class)
Year 1; Spring	Math 10B, Chem 1A/AL, R1B (R&C class)
Year 2; Fall	Chem 3A/AL, Physics 8A, Psych 1
Year 2; Spring	Chem 3B/BL, Physics 8B
Year 3; Fall	Bio 1A/AL
Year 3; Spring	MCB 102, Bio 1B
Year 4; Fall	MCB 104 (upper division biology class)
Year 4; Spring	N/A

SEMESTER	CLASSES
Year 1; Fall	Math 10A, Chem 1A/1AL, R1A (R&C class)
Year 1; Spring	Math 10B, Chem 3A/AL, R1B (R&C class)
Year 2; Fall	Chem 3B/BL, Physics 8A, Psych 1
Year 2; Spring	Bio 1A/AL
Year 2; Summer	Physics Abroad (covers Physics 8A & 8B)
Year 3; Fall	MCB 102, Bio 1B
Year 3; Spring	MCB 104 (upper division biology class)
Year 4; Fall	N/A
Year 4; Spring	N/A