



W.M. Keck Science Department

Claremont McKenna College • Pitzer College • Scripps College

PRE-MED Courses & MCAT Resources

PRE-MED: Standard list of pre-requisite courses for medical school admissions and content areas for MCAT prep:

1 year:

- Intro Biology:** Bio 43L & Bio 44L (can be taken out of order...Bio 43L is offered fall, Bio 44L is offered spring.)
- General Chemistry:** Chem 14L & Chem 15L (must be taken in order) or Chem 29L (students should plan to eventually take Chem 115 with lab at Pomona)
- IBC:** Introduction to Biological Chemistry, covers content from Bio 43L and Chem 15L. Students should take Bio 44L and Chem 14L to complete the series.
- Organic Chemistry:** Chem 116L & Chem 117L (must be taken in order)
- Physics:** Physics 30L & 31L (life science majors) OR Physics 33L, 34L (physical science majors)- must be taken in order
- English/Literature:** In addition to Freshman Seminar (Pitzer FYS or CMC FWS) ... **one ENG or LIT course**—Literature or Writing course (Scripps students will need to take **two courses**). Core does not fulfill this requirement. No creative writing courses.
- Math:** 1 semester Calculus 20 or higher (AP credit does not count) & 1 semester Statistics (Biostatistics (Bio175 or Bio174L) OR Psych stats OR Math statistics will fulfill requirement)

1 semester:

- Biochemistry:** Bio 177 (cross-listed with Chemistry) or Chem 182 at MUDD or Chem 115 with lab at Pomona (Chem 29 students only)
- Introduction to **Psychology** for MCAT preparation & Social Science prerequisite

Additional courses that students have found useful for medical school preparation (and courses that may be required by individual medical schools):

- Genetics: Bio 143
- Vertebrate Physiology: Bio 132L or Bio 131L
- Introduction to Sociology --- MCAT preparation

Additional courses if they fit into the schedule:

- Cell Biology --- MCAT preparation
- Microbiology --- MCAT preparation