

Medical School Curricular Path: Allopathic (MD) and Osteopathic (DO)

COURSES REQUIRED BY THE MAJORITY OF MEDICAL SCHOOLS

Consult the Pre-Health Faculty Advisor for the right sequence of courses for you.

THREE Biology courses

Note: some medical schools require specific biology courses beyond these.

- Bio 114: Introduction to the Biological Sciences

And **TWO** from:

- Bio 211: Genetics
- Bio 219: Cell Biology
- Bio 221: Microbiology
- Bio 203: Anatomy and Physiology I
- Bio 204: Anatomy and Physiology II

FOUR Chemistry courses

- Chem 153: Chemical Principles
- Chem 253: Organic Chemistry I
- Chem 254: Organic Chemistry II
- Chem 232: Aqueous Equilibria

ONE Biochemistry course

- Bio 305: Biochemistry

Note: Course prerequisites for Bio 305: Biochemistry that must be completed before taking the course: Chem 254 and Bio 211 (Genetics) or Bio 219 (Cell Biology) or Bio221 (Microbiology)

TWO Physics courses

- Phys 170: Introductory Physics I
- Phys 171: Introductory Physics II

ONE Mathematics course

Note: some medical schools require two mathematics courses.

- Math 101: Calculus I

Note: Select MD programs currently require Calculus (Required for biochemistry, chemistry, economics, mathematics, physics majors) **OR** Math 141: Statistics (Required for bioinformatics, business/management, economics, neuroscience, psychology majors)

TWO English courses

- Eng 101: Writing
- One English literature class: 200-level or above

TWO Social Science courses (Psychology and Sociology)

- Psy 101: Introductory Psychology
- Select one of the following: Soc 101: Introduction to Sociology or Soc 191: Self and Society