

Pre-Med

Information for Pre-med Students

Students who are Pre-med and plan to go to medical school need not major in Biology, Chemistry or related fields. You may do any concentration at the Honors College, such as Anthropology, Art, Business, Economics, English, History, Law and Society, Math, Philosophy, Physics, Political Science, or Psychology, as long as you take the following courses:

Courses:

- 8 Credits of Biology (while any 8 are acceptable to most medical schools, the ones which will help the most with the MCAT are Biological Principles, Genetics, Anatomy & Physiology, and Cell Biology)
- General Chemistry 1 & 2 with labs
- Organic Chemistry 1 & 2 with labs
- General Physics 1 & 2 with labs
- Calculus I and II (required for Physics 1 & 2)

In Addition:

The following courses are recommended to assist with **MCAT** preparation:

- Biochemistry (required by some medical schools, be sure to check on the individual requirements of schools to which you apply)
- Genetics
- Cell Biology
- Anatomy and Physiology

The MCAT is the Medical College Admission Test. There are currently 4 sections:

- 1** Chemical and Physical Foundations of Biological Systems
- 2** Critical Analysis and Reasoning Skills
- 3** Biological and Biochemical Foundations of Living Systems
- 4** Psychological, Social, and Biological Foundations of Behavior

Medical schools will also want to see some patient contact experience:

- Hospital volunteer with patient contact
- Shadowing physicians
- Observation of procedures

Research experience can also help. It matters more to some medical schools than others:

- Senior thesis with Honors College Faculty
- Summer research experiences
- Scripps Research Institute
- Max Planck



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