

# Pre-Medicine

The successful pre-medical student must have a strong foundation in biology, chemistry, physics, and mathematics. Honors, independent study, a well-rounded sampling of extracurricular activities, and research work are highly encouraged as these activities demonstrate scholarly, in-depth, and lifelong learning skills. Additional upper-level biology and chemistry coursework is recommended, as it will help to prepare the student for the Medical University Admission Test (MCAT). It is desirable to have the required coursework completed at the end of the junior year, and to take the entrance exams during the summer between the junior and senior year. For admission, both the GPA and MCAT scores are critical. Clinical experience through either internships or volunteer work is also highly recommended.

Early application to medical school is important. Information on application deadlines and application forms can be found in the [AAMCAS website](#).

The required courses vary depending on the school. To find school-specific requirements, refer to the Medical School Requirement specific to the Medical School you wish to apply to. Most schools require the following:

Required Courses*	Hours
General Biology	8
General Inorganic Chemistry	8
Organic Chemistry	8
Physics	8
Algebra and Calculus	6
English	6
General Psychology	3
<b>Total</b>	<b>47</b>

\*Science courses should include laboratory work.

## Recommended Courses\* Hours

Biochemistry	4
Anatomy	4
Cell Biology	4
Embryology	4
Genetics	4
Physiology	4
Immunology	3
Statistics	3