

## CORE MEDICAL SCHOOL PREREQUISITE COURSES

A minimum of a BS degree with completion of the following required courses will meet the minimum standards for admission to medical school.

### Core Science Courses

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|------------------------------|----------------|-----------|-------------------|
| • General Biology I & II     | 50:120:101-102 | 6 credits |                   |
| ○ Gen Biology Labs           | 50:120:107-108 | 2 credits |                   |
| • Chemical Principles I & II | 50:160:115-116 | 8 credits |                   |
| ○ Chem Principles Labs       | 50:160:125-126 | 2 credits |                   |
| • Organic Chemistry I & II   | 50:160:335-336 | 8 credits |                   |
| ○ Organic Chem Labs          | 50:160:339-340 | 2 credits |                   |
| • General Physics I and II   | 50:750:203-204 | 6 credits |                   |
| ○ Gen Physics Labs           | 50:750:205-206 | 2 credits |                   |
| • Biochemistry               | 50:115:301     | 3 credits | <b>39 credits</b> |
| ○ Biochem Lab (optional)     | 50:115:407     | 1 credit  |                   |

### English

- |                       |                |                  |
|-----------------------|----------------|------------------|
| • English Composition | 50:350:101-102 | <b>6 credits</b> |
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### Mathematics

- |   |            |                  |
|---|------------|------------------|
| • Unified Calculus I                                  | 50:640:121 | <b>4 credits</b> |
| ○ PREREQ- 640:115 OR PLACEMENT                        |            |                  |
| • Second Level of math required (example: Statistics) |            |                  |

In addition to the above courses which are the foundation courses sought by the majority of medical schools, additional courses in the sciences and behavioral/social sciences are valued by medical schools and relevant to the content of the MCAT exam. Selected courses include:

**Advanced Anatomy and Physiology with Labs**  
**Microbiology**  
**Genetics**  
**Cell Biology**  
**Immunology & Serology**  
**Molecular Biology**

**Intro to Psychology**  
**Intro to Sociology**  
**Abnormal Psychology**

Internships which provide clinical or patient contact, volunteer experience and independent Research with professors or at medical schools are also highly recommended. The Career Center facilitates the Arts & Sciences Internship and the Internship in Biology courses.

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