CORE MEDICAL SCHOOL PREREQUISITE COURSES

A minimum of a BS/BA degree with completion of the following required courses will meet the minimum standards for admission to medical school. Both Allopathic (MD) and Osteopathic (DO) medical schools require on average a minimum GPA of 3.5 cumulative and in the science prerequisite courses.

It is recommended that premed students take no more than one of the science prerequisite sequences (example physics I & II) in the summer. Medical schools favor candidates who have taken at least two science classes per semester with a full time course load (12+ credits) during the fall and spring semesters.

CORE SCIENCE COURSES

- 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
- General Physics I and II 50:750:203-204 6 credits
  - Gen Physics Labs 50:750:205-206 2 credits
- Biochemistry 50:115:403 3 credits 39 credits
  - Biochem Lab (optional) 50:115:407 1 credit

ENGLISH

- English Composition 50:350:101-102 6 credits

MATHEMATICS

- Unified Calculus I 50:640:121 4 credits
  - PREREQ: 640:115 OR PLACEMENT
- Second Level of math required (example: Statistics)

SOCIAL SCIENCE

Many medical schools require at least one course in the social science. Recommended courses include:

Intro to Psychology
Intro to Sociology
Abnormal Psychology

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

Shadowing, part-time jobs, volunteer and internships which provide clinical or patient contact and independent research with professors or at medical schools are also highly recommended.

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