

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	
○ 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	50:115:403	3 credits	39 credits
○ Biochem Lab (optional)	50:115:407	1 credit	

ENGLISH

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

Health Professions Advisor
CAREER CENTER
RUTGERS UNIVERSITY-CAMDEN
careercenter@camden.rutgers.edu * 856.225.6046
<https://cc.camden.rutgers.edu/premedical>