



Pre-Medical Preparation

Admission into medical school is very competitive. Students should maintain a grade point average near or above 3.50/4.00, acquire leadership skills, exposure to healthcare, and score at least a 27 or higher on the Medical College Admission Test (MCAT). Preparation materials from the Association of American Medical Colleges (AAMC) can be found at <https://www.aamc.org/students/applying/mcat/preparing/>. Typically, the MCAT is taken during the Spring Semester of the junior year, and an application through a centralized application service American Medical College Application Service (AMCAS) is submitted in June between the junior and senior years. Apply Early! At least three letters of recommendation are required, typically 2 from the sciences and 1 letter of the student's choosing.

Below are the requirements to be considered for medical school admission. Medical schools do not favor any particular major. A major should be chosen **completely on the student's interests and goals**. Aerospace Physiology, Biomedical Engineering, Human Factors Psychology with a business, biomedical, or chemistry minor are a few programs of studies to consider. Most importantly, medical schools are seeking individuals who are well rounded in their educational background. Development of a strong vocabulary and communication skills are as important as any particular elective.

Additional information from the national associations of allopathic and osteopathic medicine can be found at <http://www.aamc.org> or <http://www.aacom.org>.

GENERAL REQUIREMENTS

Coursework in humanities and social sciences (especially psychology and sociology) are required. Check with your destination program.

English		Biology	
COM 122	English Composition	BIO 120/L	Foundations of Biology I w/Lab
COM219	Speech Communication	BIO 121/L	Foundations of Biology II w/Lab
		BIO 215/L	*Genetics w/Lab
		BIO 216/L	*Microbiology w/Lab
Chemistry		BIO 305/L	Human Anatomy & Phys. I w/Lab
CHM 110/L	General Chem. I w/Lab	BIO 306/L	Human Anatomy & Phys. II w/Lab
CHM 111/L	General Chem. II w/Lab	BIO 405/L	*Molecular and Cell Biology w/Lab
CHM 210/L	Organic Chem. I w/Lab		
CHM 211/L	*Organic Chem. II w/Lab		
CHM 310/L	Biochemistry w/Lab	Psychology	
		PSY 101	Introduction to Psychology
Math		Physics	
MA **	General Education Math	PS 103/L	Technical Physics I / with Lab
MA 222 or	Business Statistics or	PS 104/L	Technical Physics II/ with Lab
PSY 312/L	Research Analysis in Psychology and Laboratory		

* highly desired

**Note: not all medical schools require calculus – check entry requirements at your destination schools.

Students should always consult the admission requirements for their focal schools. For example:

<https://med.ucf.edu/admissions/application-requirements/academic-admissions-requirements/>

<http://admissions.med.ufl.edu/admission-requirements/>

RESOURCES from the AAMC <https://students-residents.aamc.org>

Aspiring Docs

Aspiring Docs is designed to provide you with information about the basics, how to shadow a doctor, apply to medical school and much more.



Facebook.com/AspiringDocs



@Aspiring-Docs

MSAR (Medical School Admission Requirements)

2 Resources available through MSAR

1. MSAR Getting Started: Guidebook has information on how to choose the right medical school, how to apply, how admission decisions are made and much more.
2. MSAR Online: One-year subscription to this online database allows you to browse, search, sort, and compare data on U.S. and Canadian Medical schools and B.S./M.D. programs

MCAT Preparation through AAMC

The Official Guide to the MCAT Exam to prepare. Provides ~120-150 questions, preparation tips for the exam, scoring data and more.

Need a practice test for the MCAT? Take a free e-MCAT Practice Test under simulated test conditions. Scores will be provided to allow you a baseline that allows you to track your progress.

The Official MCAT Self-Assessment Package allows you to discover your strengths and weaknesses to enable you to create a study plan.

AAMC's e-MCAT Practice Tests are full-length exams with questions from previously administered MCAT exams. Take additional practice tests to compare to your baseline score.