



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. As long as the requirements are met, **identifying an undergraduate major is based completely on the student's interests and goals – AEROSPACE PHYSIOLOGY major fulfills the below criteria as well as the experiential component that most schools require.** Medical schools do not favor any particular major. 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 often required.

English

COM 122 English Composition
COM219 Speech Communication

Chemistry

CHM 105/L General Chem. I w/Lab
CHM 106/L General Chem. II w/Lab
CHM 200/L Organic Chem. I w/Lab
CHM 201/L Organic Chem. II w/Lab
CHM 300/L Biochemistry w/Lab

Math

MA 112 College Math for Aviat. II (calculus)
MA 222 Business Statistics

Biology

BIO 104/L Foundations of Biology I
BIO 105/L Foundations of Biology II
BIO 200 Genetics
BIO 201 Microbiology
BIO 301 Human Anatomy and Physiol. I
BIO 302 Human Anatomy and Physiol. II
BIO 400 Molecular and Cell Biology

Physics

PS 103 Technical Physics I
PS 104 Technical Physics II
PS 115L Technical Physics I Lab
PS 116L Technical Physics II Lab

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/>

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.



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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.