

# Pre-Medicine Students

Superior academic work (students who are competitive for medical school typically have a 3.6 grade point average or higher) and strong scores on the Medical College Admissions Test (MCAT) are important components to a successful medical school application. A well-rounded program of extracurricular activities, including health care volunteer work and/or research, is also highly desired. There are several medical centers, nursing homes, and clinics in the greater Des Moines area that may provide opportunities for qualified students to acquire patient care experiences. Undergraduate research opportunities for qualified students are available through Drake University.

**Application Process:** Students interested in medical school should plan to complete the MCAT in the spring of their junior year or summer before senior year. The application process begins with AMCAS (Allopathic Medical Schools) or AACOMAS (Osteopathic Medical Schools). Secondary Applications are generally sent to applicants upon review of the initial application. Qualified students will be invited to campus for an interview. Prior to the application process, students should research the required prerequisite coursework, residential restrictions, application requirements, and deadlines for each school of interest.

	Prerequisite Coursework	Drake Course
FR	<b>Biological Sciences</b>	BIO 012: General/Pre-Professional Biology I and Lab (Fall) BIO 013: General/Pre-Professional Biology II and Lab (Spring)
	<b>Inorganic Chemistry</b>	CHEM 001/003: General Chemistry I and Lab (Fall) CHEM 002/004: General Chemistry II and Lab (Spring)
	<b>Mathematics</b>	MATH 050: Calculus I (Fall, Spring) STAT 060: Statistics for the Life Sciences (Fall, Spring)
	<b>Composition</b>	First Year Seminar (Fall) Written Communication AOI (Fall, Spring)
SO	<b>Organic Chemistry</b>	CHEM 097/098: Organic Chemistry I and Lab (Fall) CHEM 108/110: Organic Chemistry II and Lab (Spring)
JR	<b>Physics</b>	PHY 011: Physics I and Lab (Fall, Summer) PHY 012: Physics II and Lab (Spring, Summer)
JR or SR	<b>Recommended Courses (mostly General Elective &amp; Professional Elective)</b>	<div>           BIO 095: Microbiology (S)            BIO 105: Intro to Genetics (F, S, Su)            HSCI 105: Issues IV (S)            HSCI 125: Physiology &amp; Lab (S)            HSCI 140: Patient Assessment (F)            HSCI 141: Anatomy &amp; Lab (F)         </div> <div>           HSCI 163: General Pharmacology (F)            PHAR 130: Biochemistry (F)            PHAR 132: Pathophysiology (S)            PSY 001: Intro to Psychology (F, S)            SCSS 001: Intro to Sociology (F, S)            SCSS 081: Medical Sociology (F)         </div>

## ADDITIONAL MEDICAL SCHOOL RESOURCES

Association of American Medical Colleges – <http://www.aamc.org>

American Association of Colleges of Osteopathic Medicine – <http://www.aacom.org>

MCAT – <http://www.aamc.org/mcat>

Holistic Review in Medical School Admissions –

<https://students-residents.aamc.org/choosing-medical-career/article/holistic-review-medical-school-admissions/>