



PRE-MEDICINE PREPARATION

AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	

SP20

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 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 science professors and 1 letter from a physician.

Below are the courses typically required or recommended 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**. 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 class. The best way to do this is to READ READ READ.

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

GENERAL REQUIREMENTS:

LANGUAGE: 9 HRS

Course	Hours	Grade	Semester
ENG 1001G Composition & Language	3		
ENG 1002G Composition & Literature	3		
CMN 1310G Speech Communication	3		

SOCIAL/BEHAVIORAL SCIENCE: 9 HRS

Course	Hours	Grade	Semester
PSY 1879G Intro to Psychology	3		
SOC 1838* Intro to Sociology	3		
	3		

BIOLOGY*: 8-28 HRS

Course	Hours	Grade	Semester
BIO 1500 General Biology I	4		
BIO 3120 Molecular & Cellular Biology	4		
<i>Highly Recommended Courses</i>			
BIO 2210* Anatomy & Physiology I	4		
BIO 2220* Anatomy & Physiology II	4		
BIO 3200* Genetics	4		
BIO 3300* Microbiology	4		
BIO 3624* Histology	4		

PHYSICS*: 8 HRS

Course	Hours	Grade	Semester
PHY 1151G Principles of Physics I	3		
PHY 1152G Principles of Physics I Lab	1		
PHY 1161 Principles of Physics II	3		
PHY 1162 Principles of Physics II Lab	1		

CHEMISTRY*: 18 HRS

Course	Hours	Grade	Semester
CHM 1310G General Chemistry I	3		
CHM 1315G General Chemistry I Lab	1		
CHM 1410 General Chemistry II	3		
CHM 1415 General Chemistry II Lab	1		
CHM 2440 Organic Chemistry I	3		
CHM 2445 Organic Chemistry I Lab	1		
CHM 2840 Organic Chemistry II	3		
CHM 2845 Organic Chemistry II Lab	1		
CHM 3450* Biochemistry	3		

HUMANITIES/FINE ARTS: 9 HRS

Course	Hours	Grade	Semester
PHI 1900G* Logical & Critical Thinking	3		
OR HIC 2100G Intro to Medical Humanities	3		
Fine Arts			
Humanities	3		

MATH*: 7-9 HRS

Course	Hours	Grade	Semester
MAT 2110G* Brief Calculus	3		
OR MAT 1441G* Calculus I	5		
BIO 4750 Statistic Anly of Sci Data	4		
OR MAT 2250G Elementary Statistics			

* Additional prerequisite classes may be required. See Undergraduate Catalog.

*Required by some medical schools

*Recommended by some medical schools

Departmental Exit Interview is also required prior to leaving EIU.

BE PREPARED: UPDATE THIS FORM BEFORE MEETING WITH YOUR ADVISOR

WHAT MAKES YOU UNIQUE FROM OTHER APPLICANTS?

Healthcare Experience

- Volunteer or work experience in hospitals, clinics, nursing homes, assisted living centers, crisis nursery, and rehab centers is beneficial.
- Shadow a specialist. Ask to volunteer or work in their practice; seek opportunity to shadow.

Research Experience

Working in a research setting can help make you a competitive medical school applicant and help you to determine if a career in medicine or medical research is right for you.

Leadership Experience

Physicians are leaders in their communities and demonstrated leadership skills are a must. Campus, church and community organizations provide excellent leadership opportunities.

SAMPLE COURSE SEQUENCE:

The suggested course sequence accounts for typical medical school prerequisites and general education requirements, assuming the foreign language requirement has been completed. It does not include all requirements for a bachelor degree from EIU.

FRESHMAN	
FALL	SPRING
ENG 1001G BIO 1500 CHM 1310G/1315G PSY 1879G	ENG 1002G CHM 1410/1415 SOC 1838G
SOPHOMORE	
FALL	SPRING
BIO 3120 CHM 2440/2445 Gen Ed Elective	BIO 3200 CHM 2840/2845 BIO 2210 Gen Ed Elective
JUNIOR	
FALL	SPRING
BIO 2220 PHY 1151G/1152G (Fall ONLY) CHM 3450 (Fall ONLY) MCAT Prep	BIO 4750 OR MAT 2250G PHY 1161/1162 (Spring ONLY) CMN 1310G MCAT Exam/Apply to Med School
SENIOR	
FALL	SPRING
EIU 4***G Gen Ed Elective Med School Admission Interviews	Gen Ed Elective Pre-Health Advising Exit Interview

ALLOPATHIC MEDICINE RESOURCES (M.D.):

Association of American Medical Colleges (Allopathic Medicine)
students-residents.aamc.org



/AAMCpremed



@AAMCpremed

MSAR (Allopathic Medical School Admission Requirements)

aamc.org/msar

- MSAR Online: subscription to this online database allows you to browse, search, sort, and compare data on U.S. and Canadian allopathic medical schools and PhD/MPH/M.D. programs
- Booth Library: Print edition **The Official Guide to Medical School Admissions: How to Prepare for and Apply to Medical School**
From the organization that administers the MCAT® exam and the AMCAS® (American Medical College Application Service) application, this comprehensive guide is the authoritative source of information on medical school admissions and is packed with crucial information, and expert tips, on the admissions process.

OSTEOPATHIC MEDICINE RESOURCES (D.O.)

American Association of Colleges of Osteopathic Medicine

AACOM.org



/AACOMAS



@AACOMASPreMed

Choose DO

choosedo.org

Learn more about osteopathic medical education with the Choose DO Explorer, a fully searchable database that allows you to explore all of the accredited colleges of osteopathic medicine in the United States. Easily navigate application deadlines, tuition rates, and other important stats with just a few clicks.

MCAT Preparation through AAMC

mcatofficialprep.org

Set up an account to access FREE resources for MCAT prep, create a study plan, access practice questions and more.

CONTACT INFORMATION:

PRE-HEALTH PROFESSIONS ADVISING

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