



PRE-MEDICINE PREPARATION

DEPARTMENT OF BIOLOGICAL SCIENCES
AT EASTERN ILLINOIS UNIVERSITY

NAME	
E NUMBER	
CATALOG	
AS/AA/ASA DEGREE	
TRANSFER HOURS	

F17

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 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**. 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*: 6 HRS

Course	Hours	Grade	Semester
ENG 1001G Composition & Language	3		
ENG 1002G Composition & Literature	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		

CHEMISTRY*: 18 HRS

Course	Hours	Grade	Semester
CHM 1310G General Chemistry I	3		
CHM 1315G General Chemistry I Lab	1		
CHM 1410G General Chemistry II	3		
CHM 1415G 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		

SOCIAL/BEHAVIORAL SCIENCE*: 6 HRS

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

PHYSICS*: 8 HRS

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

HUMANITIES/FINE ARTS*: 9 HRS

Course	Hours	Grade	Semester
PHI 1000G Intro to Philosophy	3		
Fine Arts	3		
Humanities / Fine Arts	3		

MATH*: 6-9 HRS

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

* Many courses have math prerequisites. Additional prerequisite classes may be required. See Undergraduate Catalog.

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.

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 sequence assumes that the foreign language requirement has been completed.

FRESHMAN	
FALL	SPRING
ENG 1001G CHM 1310/1315 BIO 1500	ENG 1002G CHM 1410/1415 SOC 1838G BIO 2210
SOPHOMORE	
FALL	SPRING
BIO 3120 CHM 2440/2445 BIO 2220	CHM 2840/2845 PSY 1879G BIO 3200
JUNIOR	
FALL	SPRING
CHEM 3450 PHY 1151G/1152G	PHY 1161/1162 MCAT Exam Exit Interview
SUMMER	
AMCAS Application	

Notes:

RESOURCES:

Aspiring Docs

aamc.org/aspiringdocs

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



[/aspiringdocs](https://www.facebook.com/aspiringdocs)



[@Aspiring-Docs](https://twitter.com/Aspiring-Docs)

MSAR (Medical School Admission Requirements)

aamc.org/msar

2 Resources available through MSAR:

- 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.
- 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

aamc.org/officialmcatguide

The Official Guide to the MCAT Exam 3rd edition to prepare for the MCAT exam in 2014. Provides 146 questions, preparation tips for the exam, scoring data and more.

aamc.org/officialmcat

Useful MCAT website that includes free content outlines, test dates and registration deadlines.

aamc.org/freemcatpractice

Need a practice test for the MCAT? This is the site. 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.

aamc.org/mcatsap

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

aamc.org/mcatpracticetest

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.

CONTACT INFORMATION:

PRE-HEALTH PROFESSIONS ADVISING

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