

## General PreMed Guidelines

Medical Admissions committees want evidence that you will complete the program once admitted. Therefore, most medical schools have the following admission requirements:

### Academic Ability

**To demonstrate that you will be able to meet the rigorous, scientific demands of a medical school curriculum**

#### Requirements (MCG @ AU<sup>†</sup>):

- A Bachelor's Degree (any major)
- And completion of the following classes:
  - 1 year of college\* biology
  - 1 year English
  - 1 semester of probability or statistics
  - 1 year physics
  - 2 year of college\* chemistry,

including at least one semester of organic and one of biochemistry

#### Recommended classes:

sociology (strongly\*\*)  
psychology (strongly\*\*)  
cell biology  
genetics  
microbiology  
calculus

\*This refers to courses taken in college. AP credits do not count toward the requirement.

<sup>†</sup>These are AU requirements, but they are typical and sufficient for most medical schools.

\*\*There is now a social science section of the MCAT. These courses should be sufficient prep.

*Note: It is also required that you do well in these classes.*

*2011-2015 MCG Medical School classes: average GPA = 3.7; average science GPA = 3.65*

### Testing Ability

**To demonstrate that you can do well on the kind of tests needed to pass the licensing boards**

#### Requirements:

- Completion of the Medical College Admissions Test (MCAT)

The test has four sections: biological science, physical sciences (chemistry & physics), social science (psychology and sociology) and critical thinking.

*In 2015 a new version of the MCAT was introduced with a score range from 472 – 528. It is designed so that a score of 500 will be sufficient for acceptance into medical school. Selective schools may require a higher score. As it has not yet been used as part of the admissions process, better data is not available. Current best guess is that the average for entering students will be 510.*

### Personal Commitment

**To demonstrate that you know what being a doctor entails and that you really want to make that your life**

#### Requirements:

- experience where you have seen doctors at work and been in a medical environment usually accomplished with shadowing or volunteering
- personal statement
- references

Must include: **premed advisor or committee** and **physician** you have worked with

### Other activities that can strengthen your application

Volunteer work—showing that you care about people enough to spend time helping them

Research—showing that you know what it really means to be a scientist

Required if you want to be part of an MD/PhD program

Study abroad/mission work—showing your ability and interest in diverse populations

Officer in a student club—showing your leadership abilities

For up-to-date premed information at AU see: <http://spots.augusta.edu/smyers1/Premedical%20Information.htm>  
*Information Courtesy of Augusta University, Department of Chemistry and Physics*

**One Way of Meeting the Academic Requirements:**

**Chemistry Major (biology minor) on the Biochemistry Track at Georgia Regents University**

Courses Required for Medical School are in **bold**; recommended courses for Medical School are in *italics*.

Numbers in parenthesis indicate courses that must be taken in that particular order

other classes may also have prerequisites, but the schedule, as given, accounts for this.

\*Courses required for the biology minor. A minor is not required for the chemistry degree or med school.

**FRESHMAN YEAR**

Fall Semester

**CHEM 1211-general/inorganic chemistry (1)**

MATH 1113-precalculus (1)

**ENGL 1101**

COMS 1100

WELL 1000

Spring Semester

**CHEM 1212-general/inorganic chemistry (2)**

*MATH 2011-calculus*

**ENGL 1102**

**BIOL 1107**

WELL activity

INQR 1000

**SOPHOMORE YEAR**

Fall Semester

**CHEM 3411-organic chemistry (3)**

**PHYS 1111**

**BIOL 1108**

HUMN 2001

Spring Semester

**CHEM 3412-organic chemistry (4)**

**PHYS 1112**

*upper level BIOL\**

HUMN 2002

**JUNIOR YEAR**

Fall Semester

*CHEM 4551-biochemistry (5)*

*CHEM 2810-quantitative analysis*

CHEM 3820-laboratory safety

PSYC 1101<sup>†</sup>

*upper level BIOL\**

Spring Semester

*CHEM 4552-biochemistry II (6)*

CHEM 4553-biochemistry lab

*upper level BIOL\**

SOCI 1101<sup>†</sup>

**MCAT Prep** (not a AU course, but do self-study)

Summer

**take MCAT**

submit Med

school application

**SENIOR YEAR**

Fall Semester

CHEM 3721-physical chemistry

CHEM 4210-inorganic chemistry

CHEM 4700-advanced lab

HIST 2111 or 2112

WELL activity

Spring Semester

CHEM 3810-advanced organic chemistry

CHEM 4840-instrumental analysis

*upper level BIOL\**

CHEM 4800-seminar

POLS 1101

•You need 124 hours to graduate, these classes total less than that, so you may have to add some classes for FUN!

<sup>†</sup>It is suggested to take the social science courses later in the curriculum so that information is fresh when you take the MCAT

Upper level biology courses regularly offered at AU (taken after completion of BIOL 1108):

*Cell and Molecular Biology*

*Genetics*

*Microbiology*

*Zoology*

*Ecology*

*Botany*