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†):	*Recommended classes:*
A Bachelor's Degree (any major)	*sociology (strongly**)*
And completion of the following classes:	*psychology (strongly**)*
•1 year of college* biology	*cell biology*
•1 year English	*genetics*
•1 semester of probability or statistics	*microbiology*
•1 year physics	*calculus*
•2 year of college* chemistry, including at least one semester of organic and one of biochemistry	

**This refers to courses taken in college. AP credits do not count toward the requirement.*
†These are GRU 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 and critical thinking.

Starting 2015 there will is a new test 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. Best guess is that the average for the entering class will be about 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

AUGUSTA UNIVERSITY

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

One Way of Meeting the Academic Requirements:

Cell and Molecular Biology Major at Augusta 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.

FRESHMAN YEAR

Fall Semester	Spring Semester	Summer
BIOL 1107 (1)	**BIOL 1108** (2)	**CHEM 1212 gen chem*** (2)
MATH 1113-precalculus (1)	**CHEM 1211-gen chem*** (1)	
ENGL 1101	*MATH 2011-calculus*	
COMS 1100	**ENGL 1102**	
WELL 1000	INQR 1000	

SOPHOMORE YEAR

Fall Semester	Spring Semester
BIOL 3200--Genetics	*BIOL 3400-Cell and Molecular Biology*
CHEM 3411-organic chem (3)	**CHEM 3412-organic chem** (4)
HUMN 2001	HUMN 2002
MATH 2210	HIST 2111/2112

JUNIOR YEAR

Fall Semester	Spring Semester	Summer
BIOL 4700—Advanced Cell biology	BIOL Elective I	**take MCAT**
PHYS 1111*	**PHYS 1112***	submit Med
CHEM 4551-biochemistry (5)	*CHEM 4552-biochemistry II (6)*	school application
PSYC 1101†	*SOCI 1101†*	
WELL Activity	WELL Activity	

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

SENIOR YEAR

Fall Semester	Spring Semester	
BIOL 4100	BIOL Elective III	Remember that you need 2 Biology Electives from the Molecular list, 1 from the Physiology list, and 1 that can be any 3000/4000 level Biology course!
BIOL Elective II	BIOL Elective IV	
POLS 1101	Area F Elective	
Free Electives**	Free Electives	

* Courses that are generally taught in the summer.
**Taking CHEM 2810 (Quantitative Analysis) as one of your Free electives will give you a chemistry minor.
†We recommend you take these courses later so that they are fresh when you take the MCAT.

•You need 124 hours to graduate, these classes total less than that, so “Free Electives” are classes you add for FUN!