

## Courses Typically Taken by Premedical, Predental, & Preoptometry Students in the Premedical Studies Program at the University of Georgia.

### YEAR ONE

<i>FALL SEMESTER</i>	<i>SPRING SEMESTER</i>	<i>SUMMER SEMESTER</i>
General Chemistry I	General Chemistry II	
Math	Math	
Core Courses*	Core Courses*	

### YEAR TWO

<i>FALL SEMESTER</i>	<i>SPRING SEMESTER</i>	<i>SUMMER SEMESTER</i>
Organic Chemistry I	Organic Chemistry II	? Biochemistry 3100?
General Biology I	General Biology II	
Core Course*	Core Course*	
Core Course*	Core Course*	

### YEAR THREE

<i>FALL SEMESTER</i>	<i>SPRING SEMESTER</i>	<i>SUMMER SEMESTER</i>
Physics I	Physics II	? MIBO 3500
Biochemistry 3100**	Genetics 3200	or
Human Physiology (VPHY 3100)	MCAT/DAT/OAT Review	? CBIO 3400
Elective/degree requirement	Elective/degree requirement	

\*\* **Biochemistry Majors:** discuss with your biochemistry major advisor the [BCMB 4010-4020 sequence](#).

\* See the [University of Georgia Bulletin](#) for Core Degree Requirements or talk to your advisor. Also please note Franklin College will have [additional requirements](#) over that of the "University-Wide Core." Students who to continue the same **foreign language** studied in high school might wish to complete degree requirements in foreign language their freshman year. Most students applying to medical school complete at least one course in **calculus**. Specific science majors (and a few medical schools) may require additional calculus or statistics. Many students feel it wise to have completed one biochemistry course prior to taking the MCAT. Many feel that Genetics 3200 and Human Physiology (VPHY 3100) have content beneficial for the MCAT.

\* *Some students elect to take these courses in a summer session.*

Minimum science prerequisites for most medical schools are eight semester hours each in **general chemistry, biology, organic chemistry, and physics (all with lab)**. Baccalaureate degree requirements in **English/literature** satisfy most medical school application requirements. Selected medical/dental/optometry/podiatry schools may require additional courses (see [web links](#) for specific school requirements). When selecting courses, remember that the [MCAT](#) & [DAT](#) are often taken of the junior year (OAT is usually offered in February and October of each year). See Appendix B below.

**Post-Baccalaureate** Premedical students without college credit in the "premedical" sciences often begin with CHEM 1211 and Physics 1111. For course pre-requisites or co-requisites, see the [University of Georgia Bulletin](#).

## **Appendix B**

Courses usually taken by undergraduates in premedicine at the University of Georgia to complete science requirements for admission to medical school (All introductory science courses in the first four areas require laboratory)

### **One year of General (Inorganic) Chemistry (8 semester hours)**

- CHEM 1211 and 1212 are typically taken.
- CHEM 1311H and 1312H is the honors sequence.
- CHEM 1411 and 1412 is the advanced sequence.

### **One year of General Physics (8 semester hours)**

- PHYS 1111 and PHYS 1112 are trig-based physics courses that are taken by a majority of our premed students.
- PHYS 1211 and 1212 are the calculus-based equivalents of the courses above required of engineering and physics majors. Fewer than one-third of our premedical students will opt to take this more rigorous sequence to complete physics requirements.

### **One year of Organic Chemistry (8 semester hours)**

- CHEM 2211 and 2212

### **One year of Biology**

- BIOL 1107 and 1108 (General Biology for Science Students)

**Most medical schools recommend BCMB/BIOL/CHEM 3100 (introductory biochemistry/molecular biology) or another introductory biochemistry course**

(Please send all questions and comments to [resa@uga.edu](mailto:resa@uga.edu), Memorial Hall, Athens, GA 30602)