

## Transfer Guide for Career Planning

# Medicine

### Prerequisite Courses:

MTH 210 – Calculus I  
 MTH 211 – Calculus II

PHY 154 – General Physics I **Advised**  
 PHY 155 – General Physics II **Sequence**

**or**

PHY 161 – University Physics I  
 PHY 251 – University Physics II

BIO 160 – General Botany  
 BIO 165 – General Zoology

**Or**

BIO 165 – General Zoology  
 BIO 265 – Vertebrate Zoology

CHE 151 – Principles of Chemistry I  
 CHE 152 – Principles of Chemistry II  
 CHE 251 – Organic Chemistry I  
 CHE 252 – Organic Chemistry II

PSY 101 – Introductory Psychology  
 Any PSY elective

English Literature or Composition (i.e.  
 Eng 105 or Eng 200)

HED 220 – Advanced First Aid & CPR  
 is recommended as a PE/HED elective.

The above courses will satisfy some of the prerequisites for admission to medical school. Other required courses may include Biochemistry, Statistics and Computers. Courses dealing with building interpersonal and communication skills are very important. These include courses in Writing, Ethics, Speech Communication, Psychology, Sociology and Anthropology. Contact the Pre-Med Advisor at your four-year school for further information and assistance.

Other criteria of importance for acceptance into medical school include:

- Undergraduate grade point average
- MCAT score (Medical College Admission Test)
- Practical experience (volunteering at a local hospital or clinic)
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Courses which would tend to duplicate courses offered in medical school may not be optimal selections, although knowledge and understanding of human anatomy and physiology is very helpful.

### Partial Listing of Colleges In NYS Offering a Degree in Medicine:

Albany Medical College	SUNY University at Buffalo
Columbia University	SUNY Health Science Center at Stony Brook
Cornell University Medical Center	SUNY Health Science Center at Syracuse
New York University	University of Rochester

### Some Specialized Areas of Medicine Include:

Anesthesiologist	Neurologist	Psychologist
Cardiologist	Obstetrician	Radiologist
Dermatologist	Ophthalmologist	Surgeon
Gynecologist	Pediatrician	Urologist