# Pre-Physical Therapy Guide

**Bachelor of Science** in Biomedical Science with Minor in Disaster Management

### Semester: 1  |  Fall, first year  
| ENGL 111 | College Writing I  + | 3.00  
| CHEM 151 | General Chemistry I  * | 4.00  
| CORE 108 | Connections  + | 1.00  
| MATH 221 | Elementary Statistics and Probability  **+ | 3.00  
| INRR 210 | Principles of Emergency Management  * | 3.00  

### Semester: 2  |  Spring, first year  
| ENGL 112 | College Writing II  + | 3.00  
| CHEM 152 | General Chemistry II  * | 4.00  
| RELB 255 | Jesus and the Gospels  + | 3.00  
| INRR 220 | Social Dimensions of Disaster  * | 3.00  
| LITR 232 | Ancient Western Literature  + | 3.00  
| MUPF 185 | Advanced Choir  + | 1.00  

### Semester: 3  |  Fall, second year  
| PSYC 105 | Introduction to Psychology  + | 3.00  
| BIOL 151 | General Biology I  * | 4.00  
| RELT 141 | Christian Beliefs  + | 3.00  
| COMM 105 | Public Speaking  + | 2.00  
| BIOL 205 | Microbiology  ** | 4.00  
| HHPT 256 | Medical Terminology  * | 1.00  

### Semester: 4  |  Spring, second year  
| SOCI 105 | Introduction to Sociology  + | 3.00  
| BIOL 152 | General Biology II  * | 4.00  
| CPTR 220 | Microcomputer Applications  + | 3.00  
| HIST 157 | West and the World  + | 3.00  
| BIOM 201 | Professional Shadowing  * | 1.00  
| RELT 305 | Christian Ethics  + | 3.00  

### Semester: 5  |  Fall, third year  
| RELT 347 | World Religions  + | 3.00  
| PHYS 151 | General Physics I  * | 4.00  
| CHEM 445 | Biochemistry  * | 4.00  
| INRR 491 | Disaster Management and Terrorism  * | 3.00  
| INRR 482 | International Development and Cultural Integration  * | 3.00  

### Semester: 6  |  Spring, third year  
| PHYS 152 | General Physics II  * | 4.00  
| BIOL 314 | Immunology  ** | 3.00  
| BIOL 411 | Advanced Human Anatomy  * | 4.00  
| BIOL 386 | Research Methods II  * | 1.00  
| HHPA | Physical Activity Elective  +  
Supplemental Coursework  * | 3.00  

### Semester: 7  |  Fall, fourth year  
| HHPA 155 | Concept of Wellness  +  
INRR 302 | HIV and Emerging Diseases  * | 2.00  
| HHPA | Physical Activity Elective  +  
BIOL 416 | Advanced Human Physiology  ** | 1.00  
| PSYC 425 | Human Sexuality  **  
Supplemental Coursework  * | 4.00  

### Semester: 8  |  Spring, fourth year  
| COMM 425 | Intercultural Communication  ** | 3.00  
| COMM 365 | Institutional Development  ** | 3.00  
| PHIL 335 | Introduction to Philosophy  +  
Supplemental Coursework  * | 3.00  
| Supplemental Coursework  * | 3.00  

---

**Key**

^ Alternate year course.  
* Other courses may also meet this requirement. See the [Union College Bulletin](https://www.ucollege.edu/scimath/degree-completion-guides/biomedical-science/pre-pt).  
* This class is specific to this major.  
+ This satisfies a general education requirement.

**Notes**

https://www.ucollege.edu/scimath/degree-completion-guides/biomedical-science/pre-pt
128 hours are required for graduation. 40 hours must be upper division (300 level or above).

This sample guide is intended only to show you how a program might be arranged. Course schedules may change and it is possible that your courses will not be taken exactly in the order shown. Your academic advisor will help you design a program around your educational needs and goals.

**Categories:**
- Pre-medical options
- Professional programs
- Sciences