## **PRE-HEALTH -UNDERGRADUATE MINOR**

The Pre-Health minor is designed to be useful for undergraduate students interested in attending health-related professional schools (i.e., medical, dental, physical therapy, etc.). The courses selected for the minor represents content that will help prepare students to apply and attended health-related professional schools.

## **Requirements**

A minor in Pre-Health must include 22 credits from the listed courses work below.

| Prefix<br>Core Courses <sup>1</sup> | Title  | Credits |
|-------------------------------------|--|---------|
| BCHE 395                            | Picebomietry I   | 2       |
| BIOL 354                            | Biochemistry I<br>Physiology of Humans   | 3       |
| or SPMD 3210                        | , .,   | 3       |
| BIOL 305                            | Anatomy and Physiology II<br>Principles of Genetics  | 3       |
| or GENE 320                         | '  | 3       |
| Choose one of the foll              | Hereditary and Population Genetics   | 4       |
| PHYS 2240G                          | -  | 4       |
| & PHYS 2240G<br>& PHYS 2240L        | General Physics for Life Science II<br>and Laboratory to General Physics for Life<br>Science II <sup>2</sup> |         |
| PHYS 1240G<br>& PHYS 1240L          | Algebra-Based Physics II<br>and Algebra-Based Physics II Lab   |         |
| PHYS 2140<br>& 2140L                | Electricity and Magnetism<br>and Electricity & Magnetism Laboratory  |         |
| PHYS 1320G<br>& PHYS 1320L          | Calculus -Based Physics II<br>and Calculus -Based Physics II Lab   |         |
| Biology, Genetics, Ar<br>courses    | nthropology, Kinesiology and Public Health area  |         |
| Choose one of the foll              | lowing:  | 3-4     |
| BIOL 311                            | General Microbiology   |         |
| BIOL 377                            | Cell Biology   |         |
| BIOL 385                            | An Introduction to Cancer  |         |
| BIOL 474                            | Immunology   |         |
| BCHE 396                            | Biochemistry II, Lecture and Laboratory  |         |
| GENE 320                            | Hereditary and Population Genetics   |         |
| GENE 315                            | Molecular Genetics   |         |
| TOX 361                             | Basic Toxicology   |         |
| SPMD 3050                           | Therapeutic Modalities   |         |
| SPMD 4450                           | Pathophysiology and Human Function(s)  |         |
| SPMD 4510                           | Neurophysiology and Human Function   |         |
| PHLS 4610                           | Health Disparities: Determinants and<br>Interventions  |         |
| ANTH 355                            | Biological Anthropology  |         |
| ANTH 402                            | Contemporary Medical Anthropology  |         |
| ANTH 435                            | Human Health and Biological Variation  |         |
| Statistics and Math a               | area courses   |         |
| Choose one of the foll              | lowing:  | 3       |
| MATH 1350G                          | Introduction to Statistics   |         |
| A ST 311                            | Statistical Applications   |         |
| Experiential Learning               | area courses   |         |
| Choose one of the foll              | lowing:  | 3       |
| CHEM 441                            | Advanced Research  |         |
| BCHE 441                            | Advanced Research in Biochemistry  |         |

| Total Credits |           |   | 22-23 |
|---------------|-----------|---|-------|
| _             | ANTH 486  | Community Engagement and Service Learning   |       |
|               | PHLS 4998 | Community Health Education Field Experience |       |
|               | PHLS 4515 | Problems in Health Education                |       |
|               | SPMD 4997 | Problems                                    |       |
|               | SPMD 4610 | Research Seminar                            |       |
|               | HNRS 400  | Honors Capstone                             |       |
|               | HNRS 413  | Medical Shadowing                           |       |

Total Credits

1 Any prerequisites for courses on the list must be satisfied before taking listed courses.

<sup>2</sup> PHYS 2230G General Physics for Life Science I/PHYS 2230L Laboratory to General Physics for Life Science I should be taken in the fall semester before taking PHYS 2240G General Physics for Life Science II/PHYS 2240L Laboratory to General Physics for Life Science II in the following spring semester.

## **Recommendations for VWW courses (not** required):

- PHLS 3130V Global Environmental Health Issues
- · PHLS 4620V Cross-Cultural Aspects of Health
- ANTH 357V Medical Anthropology
- · GNDR 381V Women's Health Issues/PHLS 3120V Women's Health Issues (cross-listed class)
- GNDR 433V Sex, Gender and Culture
- SOCI 3245V Comparative Family Systems