

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 attend health-related professional schools.

Requirements

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

Prefix	Title	Credits
Core Courses ¹		
BCHE 395	Biochemistry I	3
BIOL 354	Physiology of Humans	3
or SPMD 2225	Anatomy and Physiology II	
BIOL 305	Principles of Genetics	3
or GENE 320	Hereditary and Population Genetics	
<i>Choose one of the following:</i>		4
PHYS 2240G & PHYS 2240L	General Physics for Life Science II and Laboratory to General Physics for Life Science II ²	
PHYS 1240G & PHYS 1240L	Algebra-Based Physics II and Algebra-Based Physics II Lab	
PHYS 2140 & 2140L	Electricity and Magnetism and Electricity & Magnetism Laboratory	
PHYS 1320G & PHYS 1320L	Calculus -Based Physics II and Calculus -Based Physics II Lab	
Biology, Genetics, Anthropology, Kinesiology and Public Health area courses		
<i>Choose one of the following:</i>		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 Interventions	
ANTH 355	Biological Anthropology	
ANTH 402	Contemporary Medical Anthropology	
ANTH 435	Human Health and Biological Variation	
Statistics and Math area courses		
<i>Choose one of the following:</i>		3
MATH 1350G	Introduction to Statistics	
A ST 311	Statistical Applications	
Experiential Learning area courses		
<i>Choose one of the following:</i>		3
CHEM 441	Advanced Research	
BCHE 441	Advanced Research in Biochemistry	

HNRS 413	Medical Shadowing
HNRS 400	Honors Capstone
SPMD 4610	Research Seminar
SPMD 4997	Problems
PHLS 4515	Approaches to Community-Focused Public Health
PHLS 4998	Applied Practice Experience
ANTH 486	Community Engagement and Service Learning
Total Credits	22-23

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

² 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