

PRE-PROFESSIONAL HEALTH SCIENCE, MINOR

Liberal Arts (Code 709-400)

This minor is designed for students preparing for post-baccalaureate health profession programs. Students in pre-medicine, pre-dentistry, pre-optometry, pre-chiropractic, pre-pharmacy, pre-physical therapy, and other pre-professional health programs, as found in this catalog, may find this minor helpful in planning a baccalaureate degree. Because admission requirements vary widely among graduate programs, it is strongly recommended that the student consult with an advisor in the Health Careers Center or the Advising, Retention + Career Center. This minor may not be appropriate preparation for some graduate-level health profession programs.

Code	Title	Credits
Twenty-four credits are required. At least eleven credits must be from courses numbered 300 or higher.		
Core:		
BIOL 221	Foundations of Biology I	4
BIOL 222	Foundations of Biology II	3
BIOL 223	Foundations of Biological Inquiry	2
CHEM 109 or CHEM 115	General Chemistry II with Lab Chemical Principles	4-6
CHEM 325	Organic Chemistry I with Laboratory	4
CHEM 326	Organic Chemistry II with Laboratory	4
Select one of the following:		3
ENGL 312	Science Writing	
ENGL 313	Technical Writing	
ENGL 314	Cultural Rhetorics	
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	
ENGL 316	Rhetorics of Social Justice	
Or approved writing intensive course in the humanities or social sciences that satisfies the admission requirements of the student's health professional program.		
Remaining credits are to be chosen from the following courses:		
BIOL 214 & BIOL 314	Human Anatomy and Physiology I and Human Anatomy and Physiology II ¹	
BIOL 305	Molecular and Cell Biology	
BIOL 323	Genetics	
BIOL 361	Biology of Microorganisms	
CHEM 213	Quantitative Analysis	
CHEM 352	Fundamentals of Biochemistry	
ECON 280	Health Economics	
ENPH 110	Introduction to Environmental Health	
IDIS 301	Exploring Mind/Body Connections	
MATH 114	Calculus I	
MATH 246	Elementary Statistics	
NRSRG 211	Wellness: Food for Fitness	
NRSRG 212	Navigating Health Care	
NRSRG 213	Body, Mind, Spirit Wellness	

NRSRG 220	The Language of Health Care
NRSRG/WGSS 265	Women's Health Issues
NRSRG 377	International Dimensions of Health Care
NRSRG 385	Men's Health Issues
NRSRG 389	Cross Cultural Health
PH 450	Epidemiology
PHIL 306	Ethics of Health Care
PHYS 212 or PHYS 232	General Physics University Physics II
PSYC 230	Human Development

¹ No credit for BIOL 214 unless BIOL 314 is taken.

Note: A minimum of 48 unique credits must be earned between the student's major and this minor for purposes of meeting graduation requirements for first and second degree programs.

Program Learning Outcomes

Students completing this program will be expected to meet the following learning outcomes:

- Understand foundational biological principles in the areas of cell/molecular biology, genetics, and structure & function of organisms.
- Demonstrate the ability to read critically, reason analytically, and communicate persuasively around health and scientific topics from a humanities and humanistic social science perspective.