

Classes of Interest to Pre-Health Students (2013)

The following courses are recommended by the Health Professions Advising Center for students anticipating a health profession (medicine, dentistry, pharmacy, optometry, etc.). Requirements vary somewhat depending on the profession and school, so **consult a health professions advisor for specific information**.

<u>General Chemistry</u>	Chemistry I with lab Chemistry II with lab	CHEM 1311, 1111 CHEM 1312, 1112	
<u>Organic Chemistry</u>	Organic Chemistry I with lab Organic Chemistry II with lab	CHEM 2323, 2123 CHEM 2325, 2125	
<u>Biochemistry</u>	Biochemistry I with workshop	BIOL 3361, 3161	
<u>Physics</u>	Physics I with lab Physics II with lab	<u>Algebra-based</u> PHYS 1301, 2125 PHYS 1302, 2126	OR <u>Calculus-based</u> PHYS 2325, 2125 PHYS 2326, 2126
<u>Mathematics</u>	Calculus Statistics	MATH 2413 or 2417 STAT 3332 (STAT 1342 or 3360? Consult a pre-health advisor.)	
<u>Biology</u>	Biology I with workshop Biology II with workshop Biology Lab	BIOL 2311, 2111 BIOL 2312, 2112 BIOL 2281 or other BIOL course with lab component	
<u>Microbiology</u>	Biology Topics: Microbiology Microbiology and Lab Cellular Microbiology Medical Microbiology	BIOL 3V00 BIOL 3V20 BIOL 4310 BIOL 4350	Verify whether your professional program requires a microbiology lab

The most basic upper-level biosciences appropriate for pre-health include:

Genetics	BIOL 3301, 3101
Anatomy & Physiology I	BIOL 3455
Anatomy & Physiology II	BIOL 3456
Genes, Disease, and Therapeutics	BIOL 3V00
Behavioral Neuroscience	NSC 3361
Neuroanatomy	NSC 4366

More advanced upper-level biosciences appropriate for pre-health include:

Biochemistry II	BIOL 3362, 3162
Molecular and Cell Biology	BIOL 3302, 3102
Immunobiology	BIOL 4345
Oral Histology	BIOL 4v40
Cellular Neuroscience	NSC 4352
Integrative Neuroscience	NSC 4354

<u>English</u>	Basic College Writing Advanced College Writing	RHET 1302 Any LIT, CRWT, or departmental adv. writing (i.e. BIOL 4390)
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Enrichment

Healthcare and Professionalism

Health Prof. Career Exploration, Medical Terminology, Human Nutrition, U.S. Healthcare System, Issues in Patient Education, Pre-Health Professional Development, Healthcare Crisis and Global Health, Healthcare Internship, etc.

People and Behavior

Intro to Psychology, Intro to Sociology, Intro to Public Health, Health Psychology, Health and Aging, Health and Illness, Mental Health and Illness, Abnormal Psychology, Lifespan Development, Child Learning and Development, etc.

Thinking, Writing, and Language

Intro Philosophy, Medical Ethics, Philosophy of Medicine, Theories of Knowledge, Philosophy of Technology, Advanced Composition, History of Ideas, Sculpture, Figure Drawing, Medical Spanish, etc.

Business and Administration

Professional and Public Speaking, Intro Healthcare Management, Intro Financial Accounting, Law and Medicine, Business and Public Law, Business Finance, Organizational Behavior, etc.

Leading a balanced and happy life

Any, according to your interests.