

**B.S. HEALTH SCIENCES**

Health Science Core Requirements (24 cr hrs)			Related Core Requirements (19cr hrs)		
50-107	Medical Terminology	1	52-115	Chem for the Sciences I	4
50-114	Concepts in Biology I	4	52-116	Chem for the Sciences II	4
50-242	Microbiology	4			
50-271	Cell Biology	4	52-230	Fund Organic Chem and	4
50-233	Human Genetics OR		52-341	Biochemistry	4
50-333	Molecular Biology	3		OR	
			54-111	Intro Physics I and	
50-173	Anatomy & Physiology I	4	54-112	Intro Physics II	
50-174	Anatomy & Physiology II	4			
			53-141	Intro Statistics	3

Other Requirements (11 cr hr)		
53-116	Algebra for Health Sci <sup>1</sup>	3
50-205	Nutrition	3
50-474	Vert. Sys. Physiology OR	
50-480	Comp. Animal Phys.	3
50-479	Integrated Physiology Lab	1
50-481	Senior Bio Seminar	1

<sup>1</sup>53-113 or 53-123 can be substituted

Health Science Electives (15 cr hrs)					
50-332	Genetics	3	50-442	Virology	3
50-333	Molecular Biology*	3	50-445	Intro Pharmacology	3
50-342	Medical Microbiology	3	50-470	Parasitology	3
50-343	Immunology	3	50-472	Animal Cell Physiology	3
50-361	Comp. Vert. Anatomy	3	50-474	Vert. Sys. Physiology*	3
50-364	Vertebrate Histology	3	50-476	Neurophysiology	3
50-411	Radiation Biology	3	50-480	Comp. Animal Phys.*	3
50-431	Developmental Biology	3	50-490	Internship in Bio. (Health)	3
			50-489	Curr. Topics Bio. (Health)	3

\* if these are used above as "requirements" they cannot be used as electives

## General Education Requirements

**Two cultural diversity courses** (6 cr hr) are required. These can fulfill either group A or group B requirements. Designate these with a + symbol.

The Communication elective course OR the Values/Ethics course can fulfill a group A or a group B requirement.

### Communication (9 cr hrs)

20-101 English Composition I 3   
 50-290 Writing in Biology 3   
 \_\_\_\_\_ 3

20-201 English Comp. 2 can be substituted for Writing in Biology. Communication requirements vary for graduate programs in health sciences (PA/PT), so consult your advisor.

Suggested communication electives include: foreign language course; 25-103 Public Speaking; 25-104 Interpersonal Communication

**Quantitative-Analytical Reasoning** (3 cr hrs)  
 Fulfilled by mathematics requirement for major.

**Values, Ethics, ...** (3 cr hrs)  
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### GROUP C. Natural Science and Mathematics (12 cr hrs)

Fulfilled by chemistry, biology, and mathematics requirements for the major.

### GROUP A. Humanities & Arts (12 cr hrs)

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### GROUP B. Social Sciences (12 cr hrs)

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### Fitness and Recreational Skills (2 cr hrs)

\_\_\_\_\_ (Nutrition)  \_\_\_\_\_

**Free Electives.** List free elective courses here. Total number of cr hrs must be at least 120. Recommended electives are the following: Intro Computer Science 56-110; Abnormal Psychology 48-335

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