

# B.S. HEALTH SCIENCES

## Pre-Physical Therapy Advisement Area

Health Science Core Requirements (24 cr hrs)				Related Core Requirements (19cr hrs)			
50-107	Medical Terminology	1	<input type="checkbox"/>	52-115	Chem for the Sciences I	4	<input type="checkbox"/>
50-114	Concepts in Biology I	4	<input type="checkbox"/>	52-116	Chem for the Sciences II	4	<input type="checkbox"/>
50-242	Microbiology	4	<input type="checkbox"/>				
50-271	Cell Biology	4	<input type="checkbox"/>	54-111	Intro Physics I	4	<input type="checkbox"/>
50-233	Human Genetics OR			54-112	Intro Physics II	4	<input type="checkbox"/>
50-333	Molecular Biology	3	<input type="checkbox"/>				
50-173	Anatomy & Physiology I	4	<input type="checkbox"/>	53-141	Intro Statistics	3	<input type="checkbox"/>
50-174	Anatomy & Physiology II	4	<input type="checkbox"/>				

Other Requirements (11 cr hr)			
53-116	Algebra for Health Sci	3	<input type="checkbox"/>
50-205	Nutrition	3	<input type="checkbox"/>
50-474	Human Physiology OR		
50-480	Comparative Animal Phys	3	<input type="checkbox"/>
50-479	Integrated Physiology Lab	1	<input type="checkbox"/>
50-481	Senior Bio Seminar	1	<input type="checkbox"/>

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

\* 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 1 3   
 20-201 English Composition 2 3   
 \_\_\_\_\_ 3

Communication requirements vary for PT programs. 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)

\_\_\_\_\_ 3

### 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)

20-151 Intro to Literature   
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### GROUP B. Social Sciences (12 cr hrs)

48-101 General Psychology 3   
 48-201 Life-Span Psychology 3   
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### Fitness and Recreational Skills (2 cr hrs)

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

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**Free Electives.** List free elective courses here. Total number of cr hrs must be at least 120.

48- Intro. Abnormal Psych. 3

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