

## B.S. HEALTH SCIENCES

### Pre-Physical Therapy Advisement Area

8/12 JKN

Health Science Core Requirements (26 cr hrs)				Related Core Requirements (19cr hrs)			
Biology 114	Concepts in Biology 1	4	<input type="checkbox"/>	Chem 115	Chem for Sciences 1	4	<input type="checkbox"/>
Biology 173	Anatomy & Physiology 1	4	<input type="checkbox"/>	Chem 116	Chem for Sciences 2	4	<input type="checkbox"/>
Biology 174	Anatomy & Physiology 2	4	<input type="checkbox"/>	Physics 111	Intro Physics 1	4	<input type="checkbox"/>
Biology 208	Medical Terminology	3	<input type="checkbox"/>	Physics 112	Intro Physics 2	4	<input type="checkbox"/>
Biology 242	Microbiology	4	<input type="checkbox"/>	Math 141	Intro Statistics	3	<input type="checkbox"/>
Biology 271	Cell Biology	4	<input type="checkbox"/>				
Biology 233	Human Genetics OR						
Biology 333	Molecular Biology	3	<input type="checkbox"/>				

Other Requirements (11 cr hr)			
Math 116	Math for Health Sci <sup>1</sup>	3	<input type="checkbox"/>
Biology 205	Nutrition	3	<input type="checkbox"/>
Biology 474	Human Physiology OR		
Biology 480	Comp. Animal Phys.	3	<input type="checkbox"/>
Biology 479	Integrated Physiology Lab	1	<input type="checkbox"/>
Biology 481	Senior Bio Seminar	1	<input type="checkbox"/>

<sup>1</sup>Math 113, Math 123, or Math 125 can be substituted

Health Science Electives (15 cr hrs)							
Biology 332	Genetics	3	<input type="checkbox"/>	Biology 442	Virology	3	<input type="checkbox"/>
Biology 333	Molecular Biology*	3	<input type="checkbox"/>	Biology 445	Pharmacology for HS	3	<input type="checkbox"/>
Biology 342	Medical Microbiology	3	<input type="checkbox"/>	Biology 470	Medical Parasitology	3	<input type="checkbox"/>
Biology 343	Immunology	3	<input type="checkbox"/>	Biology 472	Animal Cell Physiology	3	<input type="checkbox"/>
Biology 361	Comp. Vert. Anatomy	3	<input type="checkbox"/>	Biology 474	Human Physiology*	3	<input type="checkbox"/>
Biology 364	Vertebrate Histology	3	<input type="checkbox"/>	Biology 476	Neurophysiology	3	<input type="checkbox"/>
Biology 390	UG Research in Biology 1	3	<input type="checkbox"/>	Biology 480	Comp. Animal Phys.*	3	<input type="checkbox"/>
Biology 411	Radiation Biology	3	<input type="checkbox"/>	Biology 490	Internship in Bio. (Health)	3	<input type="checkbox"/>
Biology 431	Developmental Biology	3	<input type="checkbox"/>	Biology 489	Curr. Topics Bio (Health)	3	<input type="checkbox"/>
		3	<input type="checkbox"/>				

(Prior approval HS committee)

\* 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)

English 101	Found. of Writing	3	<input type="checkbox"/>
English 201	English Comp. 2	3	<input type="checkbox"/>
_____	_____	3	<input type="checkbox"/>

Communication requirements vary for PT programs. Consult your advisor.

Suggested communication electives include: foreign language course; Public Speaking; 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)

_____	_____	<input type="checkbox"/>
_____	_____	<input type="checkbox"/>
_____	_____	<input type="checkbox"/>
_____	_____	<input type="checkbox"/>

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

Psych 101	General Psychology	3	<input type="checkbox"/>
Psych 210	Life-Span Psychology	3	<input type="checkbox"/>
_____	_____		<input type="checkbox"/>
_____	_____		<input type="checkbox"/>

### 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.

Psych 235 Intro to Abnormal Psych	3	_____
_____		_____
_____		_____
_____		_____