Department of Biologica	ll and Allied	Health	<b>Sciences</b>
<b>Bloomsburg University</b>			

name	
ID#	Date Entering
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## **B.S. HEALTH SCIENCES**

**Pre-Physical Therapy Advisement Area** 

8/12 JKN

Health Science Core Requirements (26 cr hrs)			Related Core Requirements (19cr hrs)			
Concepts in Biology 1	4		Chem 115	Chem for Sciences 1	4	
Anatomy & Physiology 1	4		Chem 116	Chem for Sciences 2	4	
Anatomy & Physiology 2	4		1			
Medical Terminology	3		Physics 111	Intro Physics 1	4	
Microbiology	4		Physics 112	Intro Physics 2	4	
Cell Biology	4		1			
			Math 141	Intro Statistics	3	
Human Genetics OR			]			
Molecular Biology	3		}			
			_			
irements (11 cr hr)						
Math for Health Sci <sup>1</sup>	3		1			
Nutrition	3		1			
Human Physiology OR			1			
Comp. Animal Phys.	3					
Integrated Physiology Lab	1		]			
Senior Bio Seminar	1					
<sup>1</sup> Math 113, Math 123, or Math 125 can be substituted						
nce Electives (15 cr hrs)						
Genetics	3		Biology 442	Virology	3	
Molecular Biology*	3		Biology 445	Pharmacology for HS	3	
Medical Microbiology	3		Biology 470	Medical Parasitology	3	
Immunology	3		Biology 472	Animal Cell Physiology	3	
Comp. Vert. Anatomy	3		Biology 474	Human Physiology*	3	
Vertebrate Histology	3		Biology 476	Neurophysiology	3	
UG Research in Biology 1	3		Biology 480	Comp. Animal Phys.*	3	
Radiation Biology	3		Biology 490	Internship in Bio. (Health)	3	
Developmental Biology	3		Biology 489	Curr. Topics Bio (Health)	3	
	3					
(Prior approval HS committee)						
	Concepts in Biology 1 Anatomy & Physiology 2 Medical Terminology Microbiology Cell Biology  Human Genetics OR Molecular Biology  Anatomy & Physiology Cell Biology  Human Genetics OR Molecular Biology  Math for Health Sci¹ Nutrition Human Physiology OR Comp. Animal Phys. Integrated Physiology Lab Senior Bio Seminar  Ath 123, or Math 125 can be substace Electives (15 cr hrs)  Genetics Molecular Biology* Medical Microbiology Immunology Comp. Vert. Anatomy Vertebrate Histology UG Research in Biology 1 Radiation Biology Developmental Biology	Concepts in Biology 1 Anatomy & Physiology 2 Anatomy & Physiology 2 Medical Terminology Microbiology Cell Biology 4 Human Genetics OR Molecular Biology 3 Mutrition Human Physiology OR Comp. Animal Phys. Integrated Physiology Lab Senior Bio Seminar 1 ath 123, or Math 125 can be substitute at 123, or Math 125 can be substitute at 125 can be substitute at 126 can be substitute at 126 can be substitute at 127 can be substitute at 128 can be substitute at 129 can be subst	Concepts in Biology 1 4 Anatomy & Physiology 2 4 Medical Terminology 3 Microbiology 4 Cell Biology 4  Human Genetics OR Molecular Biology 3  Mutrition 3 Human Physiology OR Comp. Animal Phys. 3 Integrated Physiology Lab 1 Senior Bio Seminar 1  ath 123, or Math 125 can be substituted nce Electives (15 cr hrs)  Genetics 3 Molecular Biology* 3  Medical Microbiology 3  Medical Microbiology 3  Immunology 3  Comp. Vert. Anatomy 3  Vertebrate Histology 3  Radiation Biology 3  Radiation Biology 3  Developmental Biology 3  Radiation Biology 3  Developmental Biology 3	Concepts in Biology 1 4 Chem 115 Anatomy & Physiology 2 4 Medical Terminology 3 Physics 111 Microbiology 4 Physics 112 Cell Biology 4 Math 141  Human Genetics OR Molecular Biology 3 Math 141  Math for Health Sci 1 3 Nutrition 3 Nutrition 3 Integrated Physiology Lab 1 Senior Bio Seminar 1 Senior Bio Seminar 1 Senior Bio Seminar 1 Senior Biology 445  Medical Microbiology 3 Biology 445 Medical Microbiology 3 Biology 470 Immunology 3 Biology 470 UG Research in Biology 1 3 Biology 480 Radiation Biology 489 Developmental Biology 489 Biology 489 Biology 489 Biology 489 Biology 489 Biology 489	Concepts in Biology 1 4 Anatomy & Physiology 1 4 Anatomy & Physiology 2 4 Medical Terminology 3 Physics 111 Intro Physics 1 Microbiology 4 Physics 112 Intro Physics 2  Cell Biology 4 Math 141 Intro Statistics  Human Genetics OR Molecular Biology 3 Math 141 Intro Statistics  Integrated Physiology Lab 1 Senior Bio Seminar 1 Math 123, or Math 125 can be substituted  Ce Electives (15 cr hrs)  Genetics Molecular Biology* 3 Biology 442 Virology Molecular Biology* 3 Biology 470 Medical Parasitology Immunology Comp. Vert. Anatomy 3 Biology 470 Neurophysiology Vertebrate Histology 3 Biology 470 Neurophysiology Vertebrate Histology 3 Biology 470 Neurophysiology Vertebrate Histology 3 Biology 470 Neurophysiology UG Research in Biology 1 Biology 480 Comp. Animal Phys.* Radiation Biology 3 Biology 480 Comp. Animal Phys.* Radiation Biology 3 Biology 489 Curr. Topics Bio (Health) Developmental Biology 3 Biology 489 Curr. Topics Bio (Health)	

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	n (9 cr hrs)		Communication requirements vary for PT programs. Consult your advisor.				
English 101 English 201	Found. of Writing English Comp. 2	3	Suggested communication electives include: foreign language course; Public Speaking; Interpersonal Communication				
Quantitative-Analytical Reasoning (3 cr hrs)       Values, Ethics, (3 cr hrs)         Fulfilled by mathematics requirement for major.       3							
	ural Science and Mathemanistry, biology, and mathema	*	•				
GROUP A. Hui	manities & Arts (12 cr hrs)		GROUP B. Social Sciences (12 cr hrs)  Psych 101 General Psychology 3  Psych 210 Life-Span Psychology 3  ———————————————————————————————————				
	reational Skills (2 cr hrs) trition)						
Psych 235 Intro to	List free elective courses here. To  Abnormal Psych 3	otal number	er of cr hrs must be at least 120.				

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