

B.S. HEALTH SCIENCES

Pre-Pharmacy Advisement Area

1/17 JKN

Health Science Core Requirements (26 cr hrs)				Related Core Requirements (11 cr 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"/>	Math 141	Intro Statistics	3	<input type="checkbox"/>
Biology 208	Medical Terminology	3	<input type="checkbox"/>				
Biology 242	Microbiology	4	<input type="checkbox"/>				
Biology 271	Cell Biology	4	<input type="checkbox"/>				
Biology 233 Human Genetics OR				Recommended for PharmD Programs (see your advisor)			
Biology 333	Molecular Biology	3	<input type="checkbox"/>	Physics 201	Intro Physics 1	4	<input type="checkbox"/>
				Physics 202	Intro Physics 2	4	<input type="checkbox"/>
				Chem 231	Organic Chemistry 1	4	<input type="checkbox"/>
				Chem 232	Organic Chemistry 2	4	<input type="checkbox"/>
				English ____	Comp 2 or Literature	3	<input type="checkbox"/>
				Psych 101	General Psychology	3	<input type="checkbox"/>
				Soc 211	Principles of Sociology	3	<input type="checkbox"/>
				Econ 122	Principles Microeconomics	3	<input type="checkbox"/>
Other Requirements (11 cr hr)							
Math 123	Essentials of Calculus ¹	3	<input type="checkbox"/>				
Biology 205	Intro Nutrition	3	<input type="checkbox"/>				
Biology 474	Human Physiology OR		<input type="checkbox"/>				
Biology 480	Comp. Animal Phys.	3	<input type="checkbox"/>				
Biology 479	Integrated Physiology Lab	1	<input type="checkbox"/>				
Biology 303	Health Sciences Seminar	1	<input type="checkbox"/>				
¹ Math 113, Math 116, 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 473	Cancer Biology	3	<input type="checkbox"/>
Biology 364	Vertebrate Histology	3	<input type="checkbox"/>	Biology 474	Human Physiology*	3	<input type="checkbox"/>
Biology 390	UG Research in Biology 1	3	<input type="checkbox"/>	Biology 476	Neurophysiology	3	<input type="checkbox"/>
Biology 411	Radiation Biology	3	<input type="checkbox"/>	Biology 480	Comp. Animal Phys.*	3	<input type="checkbox"/>
Biology 431	Developmental Biology	3	<input type="checkbox"/>	Biology 489	Curr. Topics Bio (Health)	3	<input type="checkbox"/>
Biology 435	Bioinformatics	3	<input type="checkbox"/>	Biology 490	Internship in Bio (Health)	3	<input type="checkbox"/>
* if these are used above as "requirements" they cannot be used as electives							

General Education Points

<p>Goal 1: Communication (7 GEPs, 3 departments)</p> <p>ENG 101 Foundations of Coll Writing 3</p> <p>BIOL208 Medical Terminology 1</p> <p>_____</p> <p>_____</p>	<p>Goal 6: Social Sciences (5 GEPs, 2 departments)</p> <p>PSYCH101 General Psychology 3</p> <p>ECON122 Principles of Microeconomics 3</p> <p>_____</p> <p>_____</p>
<p>Goal 2: Information Literacy (2 GEPs, 1 dept.)</p> <p>_____</p> <p>_____</p>	<p>Goal 7: Arts & Humanities (5 GEPs, 2 depts.)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Goal 3: Analytical/Quantitative (5 GEPs, 2 dept)</p> <p>BIOL 114 Concepts of Biology 1</p> <p>MATH 123 Essentials of Calculus 3</p> <p>MATH 141 Intro to Statistics 3</p>	<p>Goal 8: Second Language (2 GEPs, 1 dept.)</p> <p>BIOL 208 Medical Terminology 2</p>
<p>Goal 4: Cultures & Diversity (5 GEPs, 2 depts.)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Goal 9: Healthy Living (2 GEPs, 1 dept.)</p> <p>BIOL 205 Intro to Nutrition 2</p>
<p>Goal 5: Natural Sciences (5 GEPs, 2 depts.)</p> <p>BIOL 114 Concepts of Biology 3</p> <p>CHEM 115 Chem for the Sciences 1 3</p>	<p>Goal 10: Citizenship (2 GEPs, 1 dept.)</p> <p>_____</p> <p>_____</p>

Electives + Total Credit Accounting

Total number of credit hours must be at least 120.

Required Credits from Page 1 = 63

List non-core courses that count for General Education above + all electives

ENG 101 Foundations of Coll Writing	3	_____	_____
BIOL 105 Seminar	1	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Other Credits From Table Above = _____