

Bachelor of Science in Health and Biomedical Sciences Requirements:

Course #	Course Title	Cred. Hrs.	Cred. Req.	Course #	Course Title	Cred. Hrs.	Cred. Req.
Science I				Psychology/Sociology			
			36				6
BIO 107	Principles of Biology I	4		<i>Required</i>			
BIO 108	Principles of Biology II	4		PSY 101*	General Psychology	3	
CHE 210/211	General Chemistry I	5		<i>*Satisfies the Social Sciences core requirement</i>			
CHE 212/213	General Chemistry II	5		<i>Choose one of the following:</i>			
CHE 320/321	Organic Chemistry I	5		PSY 2xx-4xx	Any Course	3	
CHE 322/323	Organic Chemistry II	5		SOC 101	Introductory Sociology	3	
PHY 205	General Physics I	4		Women, Gender, & Sexuality Studies			
PHY 206	General Physics II	4		<i>Choose any course with a WGS prefix. This course may satisfy a second requirement.</i>			
Science II				Social Justice			
			15-16				3
<i>You must complete a minimum of 4 courses from the following list. At least two of the courses must be at the 300+ level. We recommend that you take more than 4 courses if possible.</i>				WGS 205* Soc. Justice and Civic Engagement 3			
BIO 115	Human Nutrition	3		<i>*Satisfies the WGS core requirement</i>			
BIO 204	Genetics	4		Advanced Learning*			
BIO 207	Zoology	4		<i>Select a combination of the following for a total of 3 credits</i>			
BIO 211	Anatomy & Phys I	4			Internship	1-3	
BIO 212	Anatomy & Phys II	4			Independent Study	1-3	
BIO 240	Microbiology	4			Research	1-3	
BIO 301	Molecular Biology	4			Service-Learning	1-3	
CHE 310/311	Analytical Chemistry	5			Special Topics Course	1-3	
CHE 340/341	Biochemistry	4			Study Abroad	3	
HBS/CHE 410	Medical Diagnostics	3		<i>*These courses may be taken more than once</i>			
HBS/BIO 440	Molecular Mechanism of Disease	3		Seminar & Capstone			
<i>(We recommend that you investigate the requirements of the program/s in which you are interested in enrolling before making your selections)</i>							5
Mathematics				HBS 190 Seminar I 1			
			7	HBS 290 Seminar II 1			
MAT 130	Elementary Statistics	3		HBS 390 Seminar III 1			
MAT 210	Calculus 1	4		HBS 490 Capstone Project 2			
Oral Communication				Total Requirements for B.S. Degree:			
			3	General Education Core			
SPE 121*	Interpersonal Communication	3		Required Courses			
<i>*Satisfies the Fine Arts core requirement</i>				Minimum Requirements for B.S. Degree			
Ethics				27-29			
			3	57-58			
<i>Choose one of the following:</i>				120			
PHI 205*	Ethics	3					
OLS 260	Ethical Leadership	3					
<i>*Satisfies the Humanities core requirement</i>							