

Biomedical Sciences Pathway (Bachelor's Degree)							
Grade/Year	Term	Course Code	Course Name	Earns High School Credit	High School Credits	College Credit Hours	
9th Grade - Year 1	Fall		English I	English	1		
			NC Math (1 or 2)	Math	1		
			Civic Literacy	Social Studies	1		
			Health Team Relations	Elective	1		
	Spring		English II	English	1		
			NC Math (2 or 3)	Math	1		
			World History	Social Studies	1		
		Health Sciences I	Elective	1			
10th Grade - Year 2	Fall		Math (3 or 4)	Math	1		
			American History	Social Studies	1		
			Earth Science Requirement (E/ENV or APES)	Science - Earth	1		
			Health Sciences II	Elective	1		
		BIO 100	Medical Terminology		NA*	1	
	Spring			Math - Pre Calculus	Math	1	
				Personal Finance	Social Studies	1	
		BIO 101	General Biology I	Science - Biology	1	4	
		HEA 110	Health and PE	Health/PE	1	3	
11th Grade - Year 3	Fall		ENG 101	English Composition I	English	1	3
			MAT 171	Pre-calculus Algebra	Elective	1	3
			CHM 101	General Chemistry I	Science - Chemistry	1	4
			PSY 101	General Psychology	Elective	1	3
			NTR 210	Nutrition Across Lifespan	Elective	1	3
	Spring		ENG 210	World Literature	English	1	3
			BIO 210	Human Anatomy & Physiology I	Elective	1	4
		SOC 101	Introduction to Sociology	Elective	1	3	
		BIO 102	General Biology II	Elective	1	4	
12th Grade - Year 4	Fall		ENG 102	English Composition II	Elective	1	3
			BIO 220	Human Anatomy & Physiology II	Elective	1	4
			BIO 340	Human Genetics	Elective	1	4
			PSY 210	Abnormal Psychology	Elective	1	3
	Spring			Nursing Fundamentals - CAN	Elective	1	
			BIO 190	Microbiology	Elective	1	4
			PSY 150	Human Growth and Development	Elective	1	3
		MAT 201	Introductory Statistics	Elective	1	3	
		BUS 310	Intro to Accounting and Financial Management	Elective	1	3	
13th Grade - Year 5	Fall		ENG 302	Professional Research & Reporting	Elective	1	3
			IHS 350	Mindfulness for Self-Care	Elective	1	3
			CHM 301	Organic Chemistry I	Elective	1	4
			CHW 220	Epidemiology and Dynamics of Disease	Elective	1	3
			ENV 301	Environmental Health	Elective	1	3
	Spring		BIO 330	Cell Biology	Elective	1	4
			IHS 405	Critical Thinking	Elective	1	3
		HSL 350	Leadership in the Health Services Industry	Elective	1	3	
		CHM 302	Organic Chemistry II	Elective	1	4	
14th Grade - Year 6	Fall		BIO 400	Biomedical Science Capstone		NA*	3
			BIO 340	Human Genetics		NA*	3
			PHY 201	Principles of Physics I		NA*	4
			IHS 200	Introduction to Health Professions		NA*	3
	Spring		COM 301	Communications, Culture, and Community		NA*	3
			BIO 401			NA*	2
			PHY 202	Principles of Physics II		NA*	4
		HSL 365	Informatics for Healthcare		NA*	3	
		HSL 410	Legal and Ethical Issues in Contemporary		NA*	3	
			Subtotal		42	123	

**KEY**

High School Course
College General Course
College Pathway Course

\* College courses less than 3 credit hours do not earn high school credit