

## COMPLETER: Biomedical Sciences – Project Lead the Way Endorsement CREDITS: 4

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade →	9	10	11	12
Exact scheduling depends on student's plan and school's master schedule.	English 9 (1)	English 10 (1)	❖AP Language and Composition (1)	English 12 (1)
	US Government (1)	US History (1)	World History (1)	
	Conceptual Physics (1)	Chemistry (1)	Biology (1)	Chemistry II (1)
	Algebra I(1)	Geometry (1)	Algebra II (1)	Higher Level Math (1)
	PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	Fine Arts (1)	Foundations of Technology (1)		
	World Language (1)	World Language (1)		
Completer Program Requirements			Principles of Biomedical Sciences (1) Human Body Systems (1)	Medical Interventions (1) Biomedical Innovation (1)
Program Specific Requirements	A college preparatory math and science course is required each year of high school. See chart above.			
Career Specific Electives (may be taken any year offered after prerequisites have been satisfied) 8 credits possible per year	❖Recommended AP Connections: AP Biology (1), AP Chemistry Human Anatomy & Physiology or Honor Human Anatomy & Physiology (1), Science Research I or Honors Science Research I (1), Technological Issues & Impacts (1), Health II (.5), Issues in American Society (.5), AP Human Geography (1), Probability & Statistics or AP Statistics (1)			
Value Added: From:	4 Transcribed credits Stevenson University			
End of Program Test: Industry: Taken:	To Be Determined Project Lead the Way / Stevenson University To Be Determined			



### BIOMEDICAL SCIENCES – PROJECT LEAD THE WAY – Four Credit Completer

#### PRINCIPLES OF BIOMEDICAL SCIENCES

Course: 556919 (Transcribed) 1 credit

This course is an introduction to the biomedical sciences through hands-on projects and problems. Student work involves the study of human medicine, research processes and an introduction to bioinformatics. Students investigate the human body systems and various health conditions. Key biological concepts including homeostasis, metabolism, inheritance of traits, feedback systems, and