

Bio-Med Science Academy Course Offerings

	Freshman	Sophomore	Junior	Senior
Science				
Biology	X			
Introduction to Engineering Design	X			
Chemistry - (Bio./Env.)		X		
Environmental Engineering		X		
Physics			X	
Biotechnical Engineering			X	
Principles of the Biomedical Sciences			X	
Anatomy and Physiology				X
Research Apex				X
Math				
Foundations in Algebra or Algebra II	X			
Algebra II or Algebra for Calculus and Trig. Algebra for Calculus and Trig. or Analytical Geometry and Calculus		X		
Analytical Geometry and Calculus or Statistics and Probability			X	
				X
Language Arts				
Language Arts I	X			
Language Arts II		X		
Language Arts III			X	
Language Arts IV				X
Social Studies				
US/ World History I	X			
US/ World History II		X		
Government and Modern Issues			X	
Foreign Language				
Mandarin Chinese				
Required Electives				
Art I			X	
Art II				X
Physical Education				
Health				
Innovation and Entrepreneurship		X		
Innovation and Entrepreneurship II			X	
Innovation and Entrepreneurship III				X
Technology I	X			
Technology II		X		
Optional Electives				
Examples: Forensics, Theater Arts, Programming, Geometry in Art, Bridges, Ancient History				
Other Graduation Requirements				
Trimester Attainments	X	X	X	X
Exit Portfolio/Exam - Apex	X	X	X	X
Volunteer Hours	35	35	35	35
ACT test - used as an academy metric	X	X	X	X
Passing Score of the State Test				
Internship/Research Project			X	X