

BioDesign Program of Study

NeoCity Academy



BioDesign Defined: Our BioDesign Program is driven by the need to integrate cutting edge technologies into the healthcare industries. Students in BioDesign will engage in a curriculum designed to stretch their thinking and through collaborative problem-solving will be ready to enter a post-secondary program in any healthcare related field.

Grade	Mathematics		Science		English	Arts	BioDesign	Elective	Virtual Option
Summer Zero	Geometry Honors *		Biology 1 Honors *						Physical Education/ HOPE ***
09	Most Rigorous	More Rigorous	Chemistry 1 Honors		English 1 Honors	Digital Multimedia Foundations 1 <i>Certification Adobe Photoshop and/or Illustrator</i>	Human Body Systems	Foreign Language 1	
	Alg 2 Honors	Geometry Honors							
10	Pre-Calc Honors	Alg 2 Honors	AP Biology		English 2 Honors	Social Studies	Principles of Biomedical Science	Foreign Language 2	
						AP World History			
11	AP Calculus AB	Pre-Calc Honors	AP Chemistry		AP English Language	AP United States History	Medical Interventions	AP Seminar	
12	AP Calculus BC	AP Calculus AB	Most Rigorous	More Rigorous	AP English Literature	US Government Honors + Economics Honors	Biomedical Innovation <i>Certification Biotechnician Assistant Credentialing Exam (BACE)</i>	AP Research	
			AP Physics 1	Physics 1 Honors					

* Coursework may be required for those students who wish to complete the most rigorous progression available.

** Can be take any time in the first two years; however, we recommend completion during Summer Zero.