



# Lake Central High School

Cluster: Health Science

Pathway: Biomedical

Concentration: Biomedical



GRADE	SUBJECT	Required Courses for Core 40 (with Honors Diploma **)					Recommended Courses and Electives		
		English/ Language Arts	Math	Science	Social Studies	Electives	Electives	Electives	Electives
9	S1	English 9	Algebra I or Geometry	Biology	Geo/History of the World or World History	Health	PE-Gym if not taken during the summer	Computer Science	
						PE –Pool if not taken during the summer	Preparing for College and Careers		
10	S1	English 10	Geometry or Algebra II	ACP I Chemistry Honors I*		**Fine Arts	3 years of 1 language or 2 years of 2 languages **World Language		
	S2					**Fine Arts			
11	S1	English 11	Algebra II or Pre-Calculus	Chemistry II Honors	U.S. History	Personal Financial Responsibility	**World Language	Anatomy and Physiology	
	S2								
12	S1	English 12	Pre-Calculus or Calculus or AP Calculus* or Statistics	AP Biology	Government	AP Physics*	**World Language		
	S2				Economics				

Six highlighted courses are required to complete concentration

## Postsecondary Courses Aligned for Potential Dual Credit\*\*

\*\*See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

High School Course	Postsecondary Course
ACP I Chemistry Honors	C101 and C121 - IUB
AP Biology	Bio L100 - IUN
Anatomy and Physiology	Bio P130/N213 - IUN

\*Highly Recommended