

P-TECH ASSOCIATE OF SCIENCE-HEALTHCARE FOCUS													
HIGH SCHOOL/SECONDARY								COLLEGE/POSTSECONDARY					
Subjects		9th		10th		11th		12th		Year 5		Year 6	
		Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Semester I (Fall)	Semester II (Spring)	Semester III (Fall)	Semester IV (Spring)
English	1	English I Honors		English II Honors		ENGL 1301 Composition I	ENGL 1302 Composition II	English IV		Option 1: University Program- Bachelor of Science (Pre-med)			
Math	2	Algebra I Honors		Geometry Honors		Algebra II Honors		MATH 1314 College Algebra	BIOL 1322 Nutrition	Option 2: Traditional BSN track			
Science	3	Biology Honors		Chemistry Honors OR OnRamps Chemistry		Physics		LIT: BIOL 2301/2101	LIT: BIOL 2302/2102	CHEM 1411 General Chem I	BIOL 2421 Microbiology		
Social Studies	4	World Geography		GOVT 2305 Federal Government	GOVT 2306 Texas Government	HIST 1301 US History to 1865	HIST 1302 US History since 1865	Economics	HUMA Core (LPC)				
Additional Requirements/ Electives	5	LOTE I		LOTE II		PSYC 2301	PSYC 2314	Elective					
	6	AVID I	EDUC 1200	SPCH 1315	SOCI 1301	MUSI 1306 DRAM 1310 ARTS 1301	Elective	PE					
Biomedical Science Pathway	7	Principles of Biomedical Sci		Human Body Systems		Medical Interventions		Biomedical Innovations					
Work Experience		Guest Speakers Facility Tours Virtual Tours		Guest Speakers Facility Tours		Shadowing I		Clinicals					
Total required college credits completed in high school = 60													
		High School Courses		CTE courses		Dual Credit Courses		Summer or evening					

*Student needs to contact IHE for high school graduation course requirements, degree plan requirements and any other IHE requirements.

*IHE = Institute of Higher Education (University)

Advanced courses such as Honors, AP, OnRamps are recommended.