



## Recommended Program of Study for: Health Science



Career Cluster: Health Science		Pathway Name: Health Science		
9th Grade	10th Grade	11th Grade	12th Grade	Postsecondary Schools
English 9	English 10	English 11	English 12	
Algebra I	Geometry	Algebra II or equivalent	Math Elective	
Biology	Physical Science	Science elective or equivalent	Science elective or equivalent	
World History	United States History I	United States History II	Government/Economics	
Career Preparedness	Health/Elective	Elective	Elective	
Physical Education	Elective	Elective	Elective	
Foundations of Health Science	Human Body Structures and Functions	Medical Terminology	Health Science Internship	
Foundations of Health Science	Nutrition in Healthcare	Therapeutic Services	Health Science Internship	
Orientation to Health Science	Foundations of Health Science	Emergency Services	Therapeutic or Diagnostic Services and Health Science Internship	
<b>Career and Technical Education and /or Foreign Language and /or Arts Education (3 credits)</b>				
<b>Work-based Learning</b>	<b>Secondary</b>	<b>- Articulation -</b>	<b>Postsecondary</b>	
Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers			Dual Enrollment Courses Approved for Secondary Education	HOSA
<b>CTE Assessments</b>	<b>Available Industry Certifications</b>		<b>High Wage-High Skill- High Demand Careers</b>	
	<u><b>Certification</b></u> Certified Billing and Coding Specialist (CBCS) Certified Patient Care Technician (CPCT) Certified Nursing Assistant (CNA)	<u><b>Provider</b></u> NHA NHA Pearson VUE or Prometric		

Certified Electronic Health Records Specialist	NHA
Certified Medical Administrative Assistant (CMAA)	NHA
Certified EKG Technician (CET)	NHA
Certified Pharmacy Technician (CPhT)	NHA
BLS Instructor with Healthcare Provider	AHA
National Emergency Medical Responder (EMR)	NREMT
National Emergency Medical Technician (EMT)	NREMT



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World History	United States History I	United States History II	Government/Economics	
Career Preparedness	Health/Elective	Elective	Elective	
Physical Education	Elective	Elective	Elective	
Foundations of Health Science	Human Body Structures & Functions	Medical Terminology	Patient Care Technician & Health Science Internship	
Foundations of Health Science	Emergency Services	Therapeutic Services	Nurse Aide Training	
Foundations of Health Science	Sports Medicine	Sports Medicine Intermediate	Sports Medicine Advanced	
Foundations of Health Science	Human Body Structures & Functions	Medical Terminology	Therapeutic Services and Health Science Internship	
<b>Career and Technical Education and /or Foreign Language and /or Arts Education (3 credits)</b>				<b>Career and Technical Student Organizations</b>
<b>Work-based Learning</b>	<b>Secondary</b>	<b>- Articulation -</b>	<b>Postsecondary</b>	
Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers			EMT Dual Enrollment Dual Enrollment Courses Approved for Secondary Education	<b>HOSA</b>
<b>CTE Assessments</b>	<b>Available Industry Certifications</b>		<b>High Wage-High Skill- High Demand Careers</b>	
	<b><u>Certification</u></b>	<b><u>Provider</u></b>		

Certified Billing and Coding Specialist(CBCS)	NHA
Certified Patient Care Technician (CPCT)	NHA
Certified Nursing Assistant (CNA) Pearson VUE or Prometric	
Certified Electronic Health Records Specialist	NHA
Certified Medical Administrative Assistant (CMAA)	NHA
Certified EKG Technician (CET)	NHA
Certified Pharmacy Technician (CPhT)	NHA
BLS Instructor with Healthcare Provider	AHA
National Emergency Medical Responder (EMR)	NREMT
National Emergency Medical Technician (EMT)	NREMT



## Recommended Program of Study for: PLTW Biomedical Sciences/Health Science



Career Cluster: Health Science		Pathway Name: <b>PLTW BMS/Health Science</b>		
9th Grade	10th Grade	11th Grade	12th Grade	Postsecondary Schools
English 9	English 10	English 11	English 12	
Algebra I	Geometry	Algebra II or equivalent	Math Elective	
Biology	Physical Science	Science elective or equivalent	Science elective or equivalent	
World History	United States History I	United States History II	Government/Economics	
Career Preparedness	Health/Elective	Elective	Elective	
Physical Education	Elective	Elective	Elective	
Principles of Biomedical Science - PLTW	Human Body Systems-PLTW	Medical Interventions-PLTW	Biomedical Interventions-PLTW	
Principles of Biomedical Sciences-PLTW	Human Body Systems - PLTW	Medical Terminology	Diagnostic Services or Therapeutic Services and Health Science Internship	
Principles of Biomedical Science - PLTW	Human Body Systems-PLTW	Medical Interventions-PLTW	Biomedical Interventions-PLTW	
<b>Career and Technical Education and /or Foreign Language and /or Arts Education (3 credits)</b>				
<b>Work-based Learning</b>	<b>Secondary – Articulation –</b>		<b>Postsecondary</b>	
Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers			Dual Enrollment Courses Approved for Secondary Education	HOSA
<b>CTE Assessments</b>	<b>Available Industry Certifications</b>		<b>High Wage-High Skill- High Demand Careers</b>	
	<u>Certification</u> Certified EKG Technician	<u>Provider</u> NHA		



