



HEALTH SCIENCES

Program of Study



Career Cluster: Health Science

Career Pathways: Biotechnology Research and Development; Diagnostic Services; Health Informatics; Support Services; Therapeutic Services

This Career Pathway Program of Study can serve as a guide along with other career planning materials as learners continue on a career path. Courses listed within this program are only recommended coursework and should be individualized to meet each learner's education and career goals. The courses outlined below are only RECOMMENDATIONS.

Course offerings may vary from high school to high school. Additionally, a PPR (Personalized Pathway Requirement) may be used in lieu of some of the World Language and/or Art credit requirement. See your high school counselor for additional graduation requirement information.

PPR – Personal Pathway Requirement

*World Language - requirement can be met through a PPR however **world language is required** at 4-year universities and is highly recommended for individuals going into health care **Art – 1.0 credit may be met through a PPR

EDUCATION LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies	Other Requirements	Electives	Summer School Offerings High School Credit Free of Charge
MS	6-8	Grade Level ELA	Grade Level Math	Grade Level Science	Grade Level Social Studies		STEM Classes	Summer School Available After the 8th Grade Year
High School	9	ELA 9	Integrated Math I OR Intensive Integrated Math I	Physical Science		Health (.5) PE (.5) World Language* Art**	CTE & Elective Options Health Sciences <ul style="list-style-type: none"> • Intro to Medical Careers • Anatomy and Physiology • Anytime Fitness • Sports Medicine 1 • Sports Medicine 2 • Biotechnology 	PCSC Summer School Medical Careers, Pre-Physical Therapy OR Pre-Pharmacy at PCSC See PCSC Summer School application for additional course offerings at other PCSC summer school locations. Offerings also include CTE classes that may satisfy academic credit graduation requirements – specifically in art, PE, and health.
	10	ELA 10	Integrated Math II	Biology OR AP Biology	World History OR AP World History	PE World Language* Art**		
	11	ELA 11 OR AP Language	Integrated Math III OR Applied Algebra 2	Chemistry	US History OR AP US History	PE	Junior Year Options @ PCSC Pre-Physical Therapy OR Pre-Pharmacy Tech Pre-Veterinary Tech	
	12	ELA 12 OR AP Lit	Consumer Math OR Pre-Calculus OR AP Calculus	1.0 Science Credit option - Medical Careers at PCSC	Civics & Economics OR **AP Government (**not offered some years)		3.0 Occupational Ed - Medical Careers at PCSC	
Credit Equivalency, Certifications & Dual Credit	High School Credit Equivalency: CTE Science Health PCSC High School Credit Equivalencies: 0.5 Health 1.0 Science – Biology Other 3.0 CTE/Elective			Certifications Earned at OHS: First Aid/CPR - American Safety and Health Inst. Certification Earned at PCSC: Certified Nursing Asst. (CNA)		Articulation/Dual Credit: (DC) OHS Pierce College – Up to 23 credits Clover Park Tech – Up to 5 credits Pierce County Skills Center Bates Technical College – Up to 12 credits Clover Park Technical College – Up to 23 credits Pierce College – Up to 18.5 credits <i>Articulation agreements and number of credits are subject to change</i>		

Clubs and Extracurricular Activities	WCTSMA Washington Career and Technical Sports Medicine Association	OMS WCTSMA Advisor: N/A	OHS WCTSMA Advisor: Sports Medicine Club Renee Romo romor@orting.wednet.edu
---	--	-----------------------------------	---

Additional Program Information

Pathway Description

The Health Science cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

<p>Course Descriptions</p> <p>See the OHS Course Guide in Xello for</p> <ul style="list-style-type: none"> • Intro to Medical Careers • Anatomy and Physiology • Anytime Fitness • Sports Medicine 1 • Sports Medicine 2 • Biotechnology <p>See the Medical Career Program of Study for PCSC Medical Careers Program</p>	<p>Local Public Post-Secondary Options</p> <ul style="list-style-type: none"> • Bates Technical College • Clover Park Technical College • Gonzaga University • Green River Community College • Olympic College • Pierce College • Pacific Lutheran University • Renton Technical College • Seattle Pacific University • South Puget Sound Community College • St. Martin's University • Tacoma Community College • Washington State University • Western Washington University • University of Washington • UW-Tacoma 																		
<p>Careers & Job Outlook</p> <p>There are more than 300 related careers. Visit Career Bridge to explore all jobs and trends. Here is a small sample:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Occupation</th> <th style="text-align: right;">Annual Salary</th> </tr> </thead> <tbody> <tr> <td>Sports Medicine Physicians</td> <td style="text-align: right;">\$208,000</td> </tr> <tr> <td>Phlebotomist</td> <td style="text-align: right;">\$35,510</td> </tr> <tr> <td>Medical Transcriptionist</td> <td style="text-align: right;">\$33,380</td> </tr> <tr> <td>Radiologic Technologist</td> <td style="text-align: right;">\$60,510</td> </tr> <tr> <td>Bioengineer</td> <td style="text-align: right;">\$91,410</td> </tr> <tr> <td>Pharmacy Technician</td> <td style="text-align: right;">\$33,950</td> </tr> <tr> <td>Registered Nurse</td> <td style="text-align: right;">\$73,300</td> </tr> <tr> <td>Nursing Assistant</td> <td style="text-align: right;">\$29,660</td> </tr> </tbody> </table>	Occupation	Annual Salary	Sports Medicine Physicians	\$208,000	Phlebotomist	\$35,510	Medical Transcriptionist	\$33,380	Radiologic Technologist	\$60,510	Bioengineer	\$91,410	Pharmacy Technician	\$33,950	Registered Nurse	\$73,300	Nursing Assistant	\$29,660	<p>Additional career and outlook information can be found on the following websites</p> <p>www.bls.gov www.careerbridge.wa.gov Xello O*Net OnLine</p>
Occupation	Annual Salary																		
Sports Medicine Physicians	\$208,000																		
Phlebotomist	\$35,510																		
Medical Transcriptionist	\$33,380																		
Radiologic Technologist	\$60,510																		
Bioengineer	\$91,410																		
Pharmacy Technician	\$33,950																		
Registered Nurse	\$73,300																		
Nursing Assistant	\$29,660																		

The Orting School District is an Equal Opportunity Employer and complies with all federal rules and regulations, including Title IX, RCW 28A.640, RCW 28A.642 and Section 504. Orting does not discriminate on the basis of sex, race, creed, religion, color, national origin, age, honorably discharged veteran or military status, sexual orientation including gender expression or identity, the presence of any disability, or use of a trained service animal by a person with a disability in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. For Orting please contact Title IX officer Debbie Christianson Director of Human Resources at 360-893-6500, Section 504 Coordinator and Civil Rights Coordinator Chris Willis Director of Student Support Services at 360-893-6500.