


Health Science Career Cluster

The Health Science career cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

The Nursing Science program of study focuses on occupational and educational opportunities associated with patient care. This program of study includes the practice of caring for patients, performing routine procedures such as monitoring vital signs, developing, and implementing care plans, maintaining medical records, and managing disease or pain.

Secondary Courses for High School Credit



Level 1	Principles of Health Science Principles of Nursing Science
Level 2	Science of Nursing Medical Terminology
Level 3	Health Science Theory Health Science Theory + Health Science Clinical Anatomy and Physiology Medical Microbiology Leadership and Management in Nursing Clinical Ethics
Level 4	Pathophysiology Pharmacology Practicum in Nursing Practicum in Health Science Practicum in Health Science + Extended Practicum in Health Science Career Preparation for Programs of Study Career Preparation for Programs of Study + Extended Career Preparation

Aligned Advanced Academic Courses

AP or IB	AP Biology IB Biology SL IB Biology HL	AP Chemistry IB Chemistry SL IB Chemistry HL
Dual Credit	Dual credit offerings will vary by local education agency.	

Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	Intern with a medical assistant at a community clinic, hospital, or assisted living facility



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Course Information

Level 4

Course	Prerequisites Corequisites	Career Clusters
Practicum in Nursing 13021230 (2 credits)	Prerequisites: One credit in Biology, one credit in Chemistry, and at least one Level 2 or higher course in the Nursing Science program of study Corequisites: None Recommended Prerequisites: Science of Nursing, Medical Terminology, and Anatomy and Physiology Recommended Corequisites: None	▲
Practicum in Health Science* First Time Taken: 13020500 (2 credits) Second Time Taken: 13020510 (2 credits)	Prerequisites: Health Science Theory and Biology Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	▲
Practicum in Health Science + Extended Practicum in Health Science* First Time Taken: 13020505 (3 credits) Second Time Taken: 13020515 (3 credits)	Prerequisites: Health Science Theory and Biology Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	▲
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