



Health Science Career Cluster

Statewide Program of Study: *Diagnostic and Therapeutic Services*

Course Information

Level 1

Course	Prerequisites Corequisites	Career Clusters
Principles of Health Science* 13020200 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Principles of Diagnostic Healthcare N1302106 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Principles of Therapeutic Healthcare N1302110 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: Biology	
Principles of Allied Health* N1302105 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Introduction to Dental Science N1302101 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Introduction to Imaging Technology N1302102 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Introduction to Pharmacy Science N1302103 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	

Level 2

Course	Prerequisites Corequisites	Career Clusters
Medical Terminology* 13020300 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Allied Health Therapeutic Services* N1302120 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Allied Health Recommended Corequisites: None	

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* Indicates course is included in more than one program of study in this career cluster.

For additional information on the **Health Science** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



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Level 2

Course	Prerequisites Corequisites	Career Clusters
Dental Anatomy and Physiology N1302122 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Biology and Introduction to Dental Science Recommended Corequisites: None	
Disaster Response N1303011 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Law, Public Safety, Corrections, and Security Recommended Corequisites: None	
Imaging Technology I N1302123 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Introduction to Imaging Technology Recommended Corequisites: None	
Pharmacy I 13021020 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Introduction to Pharmacy Science or Principles of Health Science and one credit in biology Recommended Corequisites: None	

Level 3

Course	Prerequisites Corequisites	Career Clusters
Anatomy and Physiology* 13020600 (1 credit)	Prerequisites: One credit in biology and one credit in chemistry, Integrated Physics and Chemistry (IPC), or physics Corequisites: None Recommended Prerequisites: A course from the Health Science career cluster Recommended Corequisites: None	
Medical Microbiology* 13020700 (1 credit)	Prerequisites: One credit in biology, one credit in chemistry, and at least one credit in a course from the Health Science career cluster Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	

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Level 3

Course	Prerequisites Corequisites	Career Clusters
Medical Assistant 13021015 (1 credit)	Prerequisites: Anatomy and Physiology Corequisites: Anatomy and Physiology Recommended Prerequisites: Medical Terminology Recommended Corequisites: None	
Emergency Medical Technician–Basic N1303015 (2 credits)	Prerequisites: Biology Corequisites: None Recommended Prerequisites: Principles of Law, Public Safety, Corrections, and Security; and Anatomy and Physiology Recommended Corequisites: None	
Clinical Ethics* N1302121 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Nursing Science and Science of Nursing Recommended Corequisites: None	
Dental Equipment and Procedures N1302130 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Introduction to Dental Science and Dental Anatomy and Physiology Recommended Corequisites: None	
Health Science Theory* 13020400 (1 credit)	Prerequisites: One credit in biology and at least one credit in a course from the Health Science career cluster Corequisites: None Recommended Prerequisites: Medical Terminology Recommended Corequisites: Health Science Clinical	
Health Science Theory + Health Science Clinical* 13020410 (2 credits)	Prerequisites: One credit in biology and at least one credit in a course from the Health Science career cluster Corequisites: None Recommended Prerequisites: Medical Terminology Recommended Corequisites: None	
Respiratory Therapy I 13021120 (1 credit)	Prerequisites: At least one credit in a course from the Health Science career cluster Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	

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Course	Prerequisites Corequisites	Career Clusters
Imaging Technology II N1302131 (2 credits)	Prerequisites: Imaging Technology I Corequisites: None Recommended Prerequisites: Introduction to Imaging Technology Recommended Corequisites: None	
Pharmacy II 13021030 (2 credits)	Prerequisites: One credit in biology, one credit in chemistry, and Pharmacy I Corequisites: None Recommended Prerequisites: Algebra I, Introduction to Pharmacy Science, and Pharmacy I Recommended Corequisites: None	

Level 4

Course	Prerequisites Corequisites	Career Clusters
Mathematics for Medical Professionals* 13020970 (1 credit)	Prerequisites: Geometry and Algebra II Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Pathophysiology* 13020800 (1 credit)	Prerequisites: One credit in biology, one credit in chemistry, and at least one credit in a Level 2 or higher course from the Health Science career cluster Corequisites: None Recommended Prerequisites: Anatomy and Physiology Recommended Corequisites: None	
Pharmacology* 13020950 (1 credit)	Prerequisites: One credit in biology, one credit in chemistry, and at least one credit in a Level 2 or higher course from the Health Science career cluster Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Respiratory Therapy II 13021122 (1 credit)	Prerequisites: Respiratory Therapy I Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Optical Technician N1302126 (1 credit)	Prerequisites: None Corequisites: None Recommended Prerequisites: Biology or Principles of Health Science Recommended Corequisites: None	

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Level 4

Course	Prerequisites Corequisites	Career Clusters
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	
Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits)	Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	
Career Preparation for Programs of Study + Extended Career Preparation* First Time Taken: 12701141 (3 credits)	Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None	

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