

HEALTH SCIENCES EDUCATION



A statewide program within the North Dakota Department of Career and Technical Education that is committed to providing career awareness, work readiness skills, and occupational preparation in the many areas of healthcare. The health science career cluster is an educational area dedicated to teaching students how to be health care professionals. The Health Science Career Cluster has multiple health science pathways.

Are you interested in Health Science Education?

Consider starting with Health Science Education Elective Options:



• CTE Health Careers Cluster • Medical Terminology • Health Sciences I/II

Health Science Career Cluster

Planning, managing and providing therapeutic and diagnostic services.

Diagnostic Services Pathway	Health Informatics Pathway	Therapeutic Services Pathway	Biotechnology Research & Development Pathway
<p>Tests and evaluations are used to aid in the detection, diagnosis and treatment of diseases, injuries, or other physical conditions.</p> <ul style="list-style-type: none"> • Diagnostic Medical Sonographers • Healthcare Support Workers • Medical and Clinical Laboratory Technologists • Nuclear Medicine Technologists • Radiologic Technicians 	<p>This includes health care administrators who manage health care agencies as well as those individuals who are responsible for managing all of the patient data and information related to health care procedures.</p> <ul style="list-style-type: none"> • Computer and Information Systems Managers • Epidemiologists • Health Educators • Medical Records and Health Information Technicians 	<p>Health professionals in this pathway work directly with patients; they may provide care, treatment, counseling and health education information.</p> <ul style="list-style-type: none"> • Certified Nurse Assistant • Dentists • EMT/Paramedic • Occupational Therapists • Pharmacists • Physician • Registered Nurse • Speech-Language Pathologists • Surgical Technologists 	<p>Scientists may study diseases to discover new treatments or invent medical devices through bioscience research and development.</p> <ul style="list-style-type: none"> • Bioinformatics Scientists • Biologists • Biomedical Engineers • Medical Equipment Preparers • Medical Scientists, except Epidemiologists
Career Pathway Classes	Career Pathway Classes	Career Pathway Classes	Career Pathway Classes
<ul style="list-style-type: none"> • Prevention/Care of Athletic Injuries • Health Education Supervised Occupational Experience 	<ul style="list-style-type: none"> • Medical Records • Health Education Supervised Occupational Experience 	<ul style="list-style-type: none"> • Nurse Assistant Foundations • Nurse Assistant • Emergency Medical Services Foundations • Emergency Medical Services • Advanced EMS • Health Education Supervised Occupational Experience 	<ul style="list-style-type: none"> • Biomedical Technology • PLTW Principles of Biomedical Science • PLTW Human Body Systems • PLTW Medical Interventions • Health Education Supervised Occupational Experience

Find more at RUReady.ND.gov and Insights.ND.gov/College