

# Health Sciences

## Degree Type

Certificate

By providing course work in the basic sciences along with a concentration in one of the health science areas, this certificate prepares students for entry into the health science field. Upon successful completion of the certificate, students can continue further into the Health Sciences AA degree, apply to programs such as: diagnostic technician, emergency medical services, dental hygiene, funeral services, medical assistant, nursing or transfer on to a four-year institution or enter the workforce in many entry-level areas within the health science field.

## Requirements

### First Semester

Item #	Title	Credits
ENL101	English Composition I	3
BIO109	Survey of Biology	4
HEA130	Standard First Aid and Basic Life Support (Cardiopulmonary 1 Resuscitation)	

### Second Semester

Item #	Title	Credits
ENL102	English Composition II	3
BIO251	Human Anatomy & Physiology I	4
	PSY101 or SOC106	3

### Third Semester

Item #	Title	Credits
	MAT130 or MAT150	3
BST103	Medical Terminology	3
HEA203	Introduction to Allied Health Professionals	3
	<b>Total Credits</b>	<b>27</b>

### Career Outlook

Opportunities for careers with a health science certificate, health sciences degree or other health sciences programs are robust and continue to grow. Graduates of CCCC programs have gone on to work for hospitals, medical offices, dental practices, fire departments, funeral homes, long term care facilities, and for-profit and not-for-profit clinics.

U.S. Bureau of Labor Statistics projected the overall employment in healthcare occupations to grow 13 percent from 2021 to 2031, much faster than the average for all occupations; this increase is expected to result in about 2 million new jobs over the decade. In addition to new jobs from growth, opportunities arise from the need to replace workers who leave their occupations permanently. About 1.9 million openings each year, on average, are projected to come from growth and replacement needs. <https://www.bls.gov/ooh/healthcare/home.htm>

### Program Outcomes

With advisor consultation and upon successful completion of the selected courses, students are able to:

- Achieve the prerequisites coursework and other requirements needed to fulfill for students in pursuing a variety of health career educational program at Cape Cod Community College and for transfer into a four-year institution
- Describe the roles and responsibilities of various healthcare professionals within the current healthcare delivery system
- Communicate effectively

- Demonstrate basic knowledge in mathematics
- Demonstrate an attitude of professionalism, respect, care and concern for the dignity of the individual