

Health Science

Program A6350
CIP 511004

Associate in Applied Science Degree

The Health Science program provides an opportunity for eligible health care professionals to earn the Associate in Applied Science degree and prepare for transfer to a four-year institution which offers a baccalaureate program in the health sciences. **This program is specifically designed for individuals who possess a license or certificate in an allied health field.**

Upon presentation of the appropriate evidence, students may receive up to 18 credits toward the degree for previously completed professional training. The balance of the curriculum combines general education with a core of required science courses and a selection of technical electives.

This program should be attractive to any health care professional who has not previously earned a college degree, including:

- pharmacy technicians
- graduates of hospital-based diploma programs in nursing, radiography, and respiratory therapy
- cardiopulmonary technicians
- licensed practical nurses (LPNs)
- paramedics and other emergency services personnel
- military medics and other military health care classifications
- dental assistants
- medical technicians
- certified nursing assistants

The Health Science program provides an avenue for health care professionals who do not possess a college degree to:

- expand their academic proficiencies and general education knowledge;
- acquire a foundation in the natural sciences that informs their professional practice;
- strengthen or update their competencies in organizational management, computer applications, pharmacology, nutrition, medical terminology, and other areas relevant to their profession.

Successful graduates of the program will be able to:

- develop the knowledge, skills, and professional requirements of an allied health professional;
- demonstrate the ability to apply the scientific method to gather and use information;
- integrate critical thinking and problem solving appropriate for their allied health discipline;
- exhibit proficiency in the scientific area of their licensure/certification.

The Health Science program serves to develop the skills necessary for students to meet certification requirements within the area of their employment or license. This program does not confer eligibility for advanced certification or licensure in any health-related discipline. However, it is possible for graduates to qualify for admission to baccalaureate programs in health science. Students who plan to continue in a baccalaureate program should select courses in consultation with an advisor to ensure maximum transferability.

Curriculum

Code	Course (lecture/lab hours)	Credits
<i>General Education Core</i>		<i>17-18</i>
ENG 101	English Composition I (3/0)	3
ENG 112	English Composition II with Speech (3/0)	3
PSY 101	Introduction to Psychology (3/0)	3
HPE 110	Concepts of Health and Fitness (1/2)	2-3
HPE 111	Living with Health (3/0)	3
— —	General Education electives ¹	6
<i>Science and Mathematics Core</i>		<i>15-16</i>
MAT —	Mathematics elective ²	3-4
— —	Science Core ³	12
<i>Professional Core</i>		<i>maximum 18</i>
Upon completion of the core science and mathematics component (15-16 credits) of the program with a GPA of 2.0 or higher, enrolled students may receive up to 18 credits for previously completed training or study in a health care field that has been validated by an external agency and involves licensure examination or certification. The number of credits will be based upon an evaluation conducted by the faculty.		
<i>Technical and Professional Electives</i>		<i>minimum 11</i>
Approved electives include the following: BIO 101, 102, 201, 208; BUS 105, 209; CHE 101, 102, 107, 201; CIS 173, 175; CMN 111, 112; HPE 101, 113, 151, 241, 290; MAT 135, 140, 146, 200; MLT 111; NUR 151; PHY 101, 102, 111; PTA 105; SPA 101, 102.		
		61-63
¹ Select courses from the following general education categories: Social Science, Humanities, Historical Perspective, Diversity and Global Perspective. ² Select from MAT 135, 140, 146, or 200. ³ Science Core: one-year sequence of General Biology (BIO 101-102) OR Anatomy and Physiology (BIO 103-104) OR General Chemistry (CHE 101-102) AND one of the following courses: Microbiology (BIO 201), Genetics (BIO 208), Organic Chemistry I (CHE 201).		



NOTE: All program listings are subject to periodic updates. Please consult your program advisor, academic division, or www.mccc.edu/programs_degree