

# HEALTH SCIENCE (A.S.)

CCV's associate of science degree in Health Science provides a flexible pathway for students interested in allied health occupations as well as those preparing for advanced study in biological or health sciences. The program is comprised of core coursework in health care and human biology. Core courses are supplemented with student elective choices from a variety of health and science related options. The program easily accommodates many of CCV's certificate offerings.

All associate degrees include completion of general education requirements which, together with program requirements, constitute a minimum of 60 credits. In some cases program requirements also fulfill general education requirements. You may not use a single course to meet two general education requirements.

## General Education

Complete at least one course in each of the following:

- First Semester Seminar  
INT 1050 - Dimensions of Self & Society
- Introductory Written Expression – VSCS  
ENG 1061 - English Composition
- Digital and Computing Literacy – VSCS  
CIS 1041 - Computer Applications  
or  
CIS 1430 - Spreadsheets
- Mathematics - VSCS  
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- Natural Science - VSCS  
BIO 1140 - Human Biology  
or  
BIO 2011 - Human Anatomy & Physiology I
- Social Science - VSCS  
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- Arts & Aesthetics - VSCS  
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- Humanistic Perspectives - VSCS  
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- Communication  
Meets graduation standard in oral communication  
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- Research & Writing Intensive  
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- HUM 2010 - Seminar in Educational Inquiry  
Meets graduation standard in writing and information literacy
- Quantitative Reasoning Assessment  
Meets graduation standard in quantitative reasoning

*\* You may use a course to meet both a program requirement and a general education requirement; however, you may not use a single course to meet two general education requirements.*

*\*\* If BIO 1140 taken, 15 Health Science electives needed. If BIO 2011 and BIO 2012 taken, 10 credits of Health Science electives needed.*

## Program Requirements

Courses are listed in the order in which we recommend you take them.

- AHS 1045 - Introduction to Health Care
  - CIS 1041 - Computer Applications\*  
or  
CIS 1430 - Spreadsheets\*
  - BIO 1140 - Human Biology\*  
or  
 BIO 2011 - Human Anatomy & Physiology I\*  
and  
BIO 2012 - Human Anatomy & Physiology II
  - AHS 2015 - Principles of Public Health
- Choose 10-15\*\* credits of Health Science Electives below:
- AHS 1015 - Introduction to Health Information Systems
  - AHS 1205 - Medical Terminology
  - AHS 1410 - Introduction to Phlebotomy
  - AHS 1520 - Introduction to Pharmacy
  - AHS 1810 - Administrative Medical Assisting Internship
  - AHS 2145 - Community Health Work
  - AHS 2070 - Clinical Medical Assisting
  - AHS 2120 - Wellness for Life
  - AHS 2121 - Medical Coding I
  - AHS 2122 - Medical Coding II
  - AHS 2200 - Administrative Medical Assisting
  - AHS 2470 - Fundamentals of Pharmacology
  - AHS 2820 - Clinical Medical Assisting Internship
  - BIO 1030 - Introduction to Nutrition
  - BIO 1140 - Human Biology
  - BIO 2011 - Human Anatomy & Physiology I
  - BIO 2012 - Human Anatomy & Physiology II
  - BIO 2120 - Elements of Microbiology
  - CHE 1031 - General Chemistry I
  - CHE 1032 - General Chemistry II
  - HUM 2020 - Bioethics\*
  - PHY 1041 - Physics I
  - PHY 1042 - Physics II
  - PSY 1050 - Human Growth & Development

Electives: 6 credits

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**Minimum Total Credits in Degree: 60**

## **Program Outcomes**

### **Graduates of the Health Science program will be able to:**

- analyze and discuss concepts of health, wellness, and disease utilizing knowledge of human anatomy & physiology;
- discuss current trends and challenges related to contemporary health care;
- demonstrate an awareness of best-practices and professional conduct within healthcare settings;
- demonstrate academic skills required of all CCV graduates, including competency in writing, information literacy, oral communication, quantitative reasoning; and
- explore pathways and demonstrate preparedness for educational and career development in the student's field of study.

### **The Health Science program is great for you if:**

- you are interested in a healthcare career;
- you plan to pursue continued education in a health related field;
- you enjoy being part of an integrated team of healthcare professionals;
- you would like to attain a degree while or after completing one of CCV's health related certificate programs;
- you have good computer, math, science, reading, writing, and communication skills; and
- you wish to work in a field which strives to improve the lives of others.

### **Key Information and advice for students in the Health Science program:**

- The Health Science degree program will require students to provide proof of current immunizations.
- Clinical and Administrative Medical Assisting courses are possible electives in the health science degree. These courses require students to complete a criminal background check prior to registration. Students who have a felony conviction may be prevented from participating in these courses.
- Background checks are common in healthcare fields. Those with prior justice system involvement are encouraged to research employment exclusions that may arise depending on role, employer, and/or licensing criteria. Medical Assisting courses will require a background check before enrollment.
- CCV has degree pathways from this program to select programs at 4-year colleges and universities. Visit [ccv.edu/transfer](http://ccv.edu/transfer) for more information.

### **The Health Science program prepares you for careers such as:**

- Health Technician
- Nurse (requires further education)
- Community Health Worker
- Medical Laboratory Technician (requires further education)
- Medical Assistant

For up-to-date Vermont labor market information, including salary information and growth projections, view the Economic and Labor Market Information on the Vermont Department of Labor Website <http://www.vtلمي.info/>.