STEM STUDIES (A.S.)+

CCV's associate of science degree in STEM (Science, Technology, Engineering, and Math) Studies will prepare you with the knowledge and skills needed to succeed in key scientific and technical economic sectors in Vermont. In addition to the general education program requirements, the STEM Studies degree includes 23 credits of core program requirements within the fields of science, technology, and math. The program allows the flexibility to pursue your individual goals in fields such as physical science, life science, and pre-engineering. You may fulfill the program requirements through a combination of courses in allied health science, architecture, biology, chemistry, computer information systems, environmental science, mathematics, and physics.

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.

+ This program can be completed fully online.

General Education Requirements
Core Competencies
Complete at least one course in each of the following:

❑ First semester seminar_____

❑ Technological Literacy_____

❑ Communication_____

Meets graduation standard in oral communication

❑ English Composition

ENG 1061 - English Composition

❑ Mathematics_____

❑ Research & Writing Intensive

ENG 2135 - Technical Writing & Research *

Areas of Inquiry
Complete at least one course in each of the following:

❑ Scientific Method_____
Choose one lab science course (4 cr.) *

❑ Human Expression_____

❑ Human Behavior_____

Integrative Approaches
Complete the following:

❑ Global Perspectives & Sustainability_____

❑ Seminar in Educational Inquiry
HUM 2010 - Seminar in Educational Inquiry
Meets graduation standard in writing and information literacy

❑ Quantitative Reasoning Assessment
Meets graduation standard in quantitative reasoning

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

Choose a minimum of 23 college-level credits from any combination of allied health, architecture, biology, chemistry, computer information systems (above CIS 1020), environmental science, mathematics, and physics courses.

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❑ One lab science course (4 cr.) *_____

❑ ENG 2135 - Technical Writing & Research *

❑ AHS 2860 - Community & Work Experience
or
CIS 2860 - Community & Work Experience

Note(s):
* 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.

Minimum Total Credits in Degree: 60