

**Associate of Science in STEM Studies at CCV**  
**to a**  
**Bachelor of Arts in Mathematics at NVU**  
*Available on the Lyndon Campus*

This transfer pathway will help you plan courses at the Community College of Vermont (CCV) that will meet major specific requirements at Northern Vermont University (NVU). Transfer students from CCV who have obtained an Associate of Arts or an Associate of Science degree will have the NVU general education program requirements waived. Transfer courses from regionally accredited institutions will be accepted if grades are C- or better. *This transfer pathway is based on the 2021-2022 catalog year.*

<b>Associate of Science in STEM Studies at CCV</b>	<b>Bachelor of Arts in Mathematics at NVU</b>
General Education—First Semester Seminar INT 1050 Dimensions of Self & Society	Elective/NVU general education requirement waived for CCV graduate
General Education—Technological Literacy Computer Information Systems (CIS) above 1040	Elective/NVU general education requirement waived for CCV graduate
General Education—Communication Any eligible course in this category	Elective/NVU general education requirement waived for CCV graduate
General Education—English Composition ENG 1061 English Composition	ENG 1081 Writing and Reading Strategies for College
General Education—Mathematics Choose MAT 2021 Statistics	MAT 2021 Statistics
General Education—Research & Writing Intensive Choose ENG 2135 Technical Writing & Research	Elective/NVU general education requirement waived for CCV graduate
General Education—Scientific Method Choose a 4 credit lab science course.	Elective/NVU general education requirement waived for CCV graduate
General Education—Human Expression Any eligible course in this category	Elective/NVU general education requirement waived for CCV graduate
General Education—Human Behavior Any eligible course in this category	Elective/NVU general education requirement waived for CCV graduate
General Education—Global Perspectives & Sustainability Any eligible course in this category	Elective/NVU general education requirement waived for CCV graduate
General Education—Seminar in Educational Inquiry HUM 2010 Seminar in Education Inquiry	Elective/NVU general education requirement waived for CCV graduate
INT 2860-Professional Field Experience	Elective
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, mechanical engineering technology, and physics courses. Recommend MAT 1330 Pre-calculus, MAT 1531 Calculus I, MAT 2532 Calculus II	Work closely with your CCV advisor and your NVU Admissions Counselor when planning and choosing your CCV electives to ensure optimum transferability.
<b>Total CCV Credits: 60</b>	

<b>Additional Courses to be taken at Northern Vermont University</b>
<b>Required Core Courses (34-37 credits)</b>
MAT 1430 Trigonometry for Calculus
MAT 2544 Vector Calculus
MAT 2820 Mathematics Tutoring Practicum
MAT 3210 Linear Algebra
MAT 3310 Differential Equations
MAT 2543 Calculus III
MAT 3730 Topics in Differential Equations
MAT 4040 Complex Analysis
MAT 4120 Numerical Analysis
MAT 4990 Senior Seminar
<b>Elective (6 credits)</b> Students must take at least 6 credits from MAT, CIS, ATM, PHY, and/or other courses approved by the department. These could include practicum and/or internships. If MAT 2820, Mathematics Tutoring Practicum, is used to satisfy this requirement, at least 4 credits must involve tutoring courses at the 3000/4000 level.
<b>Estimated number of additional credits at NVU: 60</b>