

Associate of Science in STEM Studies at CCV
to a
Bachelor of Science in Biology: General Biology Concentration at NVU
Available on the Johnson 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.*

Associate of Science in STEM Studies at CCV	Bachelor of Science in Biology: General Biology Concentration at NVU
General Education—First Semester Seminar INT 1050 Dimensions of Self & Society	Elective/NVU general education requirement waived for CCV graduate
General Education—Technological Literacy Recommend 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 1531 Calculus I	MAT 1531 Calculus I
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 BIO 1211 Introductory Biology: Ecology & Evolution	BIO 1211 Introductory Biology: Ecology & Evolution
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: Recommend BIO 2340 Fundamentals of Ecology	BIO 2340 Fundamentals of Ecology
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 choosing BIO 1212 Introduction to Biology: Cells and Genetic Basis, CHE 1031 General Chemistry I, CHE 1032 General Chemistry II, PHY 1041 Physics I, PHY 1042 Physics II, Recommend choosing additional electives from BIO 1220 Botany, BIO 2011 Human Anatomy & Physiology I, BIO 2012 Human Anatomy and Physiology II, MAT 2021 Statistics, 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.
Total CCV Credits: 60	

Additional Courses to be taken at Northern Vermont University
Core Curriculum (42 credits)
BIO 1212 Introduction to Biology: Cells and Genetic Basis (<i>recommend taking at CCV</i>)
BIO 4810 Internship in Biology or BIO 4920 Senior Thesis
CHE 1031 General Chemistry I (<i>recommend taking at CCV</i>)
CHE 1032 General Chemistry II (<i>recommend taking at CCV</i>)
CHE 3111 Organic Chemistry I
CHE 3112 Organic Chemistry II
ENV 2210 Current Topics in Science (Students are required to complete 3 semesters of ENV 2210)
PHY 2031 Fundamental Physics I (<i>recommend taking the substitute PHY 1041 at CCV</i>)
PHY 2032 Fundamental Physics II (<i>recommend taking the substitute PHY 1042 at CCV</i>)
General Biology Concentration
BIO 2340 Fundamentals of Ecology
BIO 3220 Genetics
Electives (<i>choose at least 1 from each set</i>):
Set 1: Mathematics <ul style="list-style-type: none"> — MAT 2021 Statistics (<i>may be taken at CCV</i>) — MAT 2532 Calculus II (<i>may be taken at CCV</i>)
Set 2: Cell/Molecular Biology <ul style="list-style-type: none"> — BIO 3125 Biological Chemistry — BIO 3130 Cellular Biology: A Molecular Approach — BIO 3140 Introduction to Microbiology
Set 3: Organismal Biology <ul style="list-style-type: none"> — BIO 2011 Human Anatomy & Physiology I (<i>may be taken at CCV</i>) — BIO 2012 Human Anatomy and Physiology II (<i>may be taken at CCV</i>) — BIO 2145 Plant Biology (<i>may substitute with BIO 1220 at CCV</i>) — BIO 2310 Invertebrate & Vertebrate Zoology — BIO 3160 Animal Behavior — BIO 3170 Mammalogy — BIO 3320 Ornithology
Set 4: Ecology/Evolution <ul style="list-style-type: none"> — BIO 3260 Limnology — BIO 3280 Environmental Toxicology — BIO 3290 Conservation Biology
Estimated number of additional credits at NVU: 60