

CCV Environmental Science A.S. to Vermont State University (VTSU) Environmental Science B.S.

Catalog Year: 2024-25

This transfer pathway will help you plan courses at the Community College of Vermont (CCV) that will meet course specific requirements at VTSU.

- CCV and VTSU are both a part of the Vermont State College System (VSCS). Students have one common VSCS transcript. As such, courses taken at CCV are not considered transfer credit.
- VTSU is a partner in the Vermont Transfer Guarantee, <https://ccv.edu/academics/transfer-from-ccv/vermont-transfer-guarantee/>
- Students who have completed an associate degree at the Community College of Vermont will have completed all associate level general education requirements at VTSU.
- VTSU accepts all general education credits and associate’s level VSCS graduation standards from CCV.
- Transfer courses from regionally accredited institutions will be accepted if grades are C- or better.

Associates of Science in Environmental Science at CCV	Bachelor of Science in Environmental Science at VTSU
General Education: First Semester Seminar - CCV INT 1050 Dimensions of Self & Society	General Education Requirement – VTSU CNX 1010 Connections Seminar 1
General Education: Introductory Written Expression - VSCS ENG 1061 English Composition	General Education: Introductory Written Expression – VSCS ENG 1061 English Composition
General Education: Digital & Computing Literacy - VSCS Any eligible course in this category	General Education: Digital & Computing Literacy - VSCS
General Education: Mathematics – VSCS Any eligible course in this category	General Education: Mathematics - VSCS
General Education: Natural Science - VSCS Any eligible course in this category	General Education: Natural Science - VSCS
General Education: Social Science – VSCS Any eligible course in this category	General Education: Social Science - VSCS
General Education: Arts & Aesthetics - VSCS Any eligible course in this category	General Education: Arts & Aesthetics - VSCS
General Education: Humanistic Perspectives - VSCS Any eligible course in this category	General Education: Humanistic Perspectives – VSCS
General Education: Communication - CCV Any eligible course in this category	Meets general education requirement for bachelor’s degree
General Education: Research & Writing Intensive – CCV Any eligible course in this category	VTSU General Education requirement Connections Seminar 2
General Education: Seminar in Educational Inquiry - CCV	Meets general education requirement for bachelor’s degree

In final form on September 27, 2024
CCV Contact: Nicole Stetson
VTSU Contact: Lori Arner

HUM 2010 Seminar in Educational Inquiry	
Program Requirements	
ENV 1010 Introduction to Environmental Science	ENV 1080 Intro to Env Science
BIO 1211 Intro to Biology: Ecology & Evolution	BIO 1122 Biology II
Choose: CHE 1031 General Chemistry I	Program Requirement CHE 1031 General Chemistry I
ENV 2175 Natural & Cultural History of Vermont	WFC 1015 Intro to Field Conservation - Elective
ENV 2010 Moving toward Sustainability	ENV 1365 Sustainability Studies
BIO 2340 Fundamentals of Ecology	BIO 3060 Ecology
INT 2860 Professional Field Experience	Elective
Program Electives: 5 credits Recommend: BIO 1212 Introduction to Biology: Cells & the Genetic Basis Life or PHY 1041 Physics I	BIO 1121 Biology I PHY 1051 Physics I
Total 60 credits	Total Remaining Credits at VTSU: 60
Courses to be taken at VTSU	
BIO 1121 Biology I (if BIO 1212 not taken at CCV) 4 cr CHE 1032 General Chemistry II 4 cr GEY 1030 Dynamic Earth 4 cr MAT 2040 Statistics and Science 4 cr PHY 1051 Physics I (if PHY 1041 not taken at CCV) 4 cr SCI 1001 Science Colloquium 1 cr SCI 1230 Pathways to Science 1 cr SCI 2210 Intro to Geographic Info Systems 4 cr SCI 3100 Science Colloquium II, 1 cr <u>Select one of the following:</u> BIO 4015 Biogeochemistry 4 cr ENV 4810 Internship in Env Science 3 cr ENV 4930 Environmental Sci Research Project 1-3 cr	

Program Electives (19-23 credits)

Select two from the following, Environmental Science:

- GEY 3110 Hydrology 4 cr
- CHE 3020 Analytic Chemistry 4 cr
- CHE 3025 Water Quality & Geochemistry 3 cr
- ENV 3115 Soils & Env Processes 4 cr
- ENV 4710 ST in Env Science 3 cr

Select one of the following, Sustainability:

- ATM 1020 Introduction to Climatology 4 cr
- ENV 2110 Energy Systems & Sustainability 3 cr
- POS 3050 Env Ethics & Politics 3 cr
- SCI 2010 Env Law & Policy 3 cr

Select two from the following, Ecology:

- BIO 3030 Ecology of Water 3 cr
- BIO 3140 Microbiology 4 cr
- BIO 3270 Forest Ecology 4 cr
- ENV 4015 Climate Change Ecology 4 cr
- ENV 4030 Restoration Ecology 4 cr
- CNX 3010 Connections Culminating Seminar^ 1 cr

Total program credits required at VTSU – 44-51 credits, depending on CCV and elective choices

Additional credits to equal 120 credits

**Students who have graduated from CCV or who are transferring with 30 credits or more and have previously completed an intermediate research and writing intensive course are exempt from VTSU Connections Seminar 2.*

^ Connections 3 seminar is not required for transfer students in the 23-24 or 24-25 catalog. Transfer students should consult with their VTSU advisor on course planning and may find this course beneficial from an academic and/or career perspective.