

## ENVIRONMENTAL SCIENCES B.S.

All students must meet the University Requirements. (<http://catalogue.uvm.edu/undergraduate/academicinfo/degreerequirements/>)

All students must meet the College Requirements. (<http://catalogue.uvm.edu/undergraduate/artsandsciences/#requirements>)

### MAJOR REQUIREMENTS

CHEM 042	Intro Organic Chemistry <sup>1</sup>	4
or CHEM 141	Organic Chemistry 1	
GEOL 055	Environmental Geology <sup>2</sup>	4
or PSS 161	SU: Fundmntls of Soil Science	
STAT 141	QR: Basic Statistical Methods 1	3-4
or STAT 211	QR: Statistical Methods I	
or NR 140	Applied Environ Statistics	
ENSC 001	SU: Intro Environmental Sci	3
ENSC 009	Orientation to Env Sciences	1
ENSC 130	Global Environmental Assessmnt	3
ENSC 160	Pollutant Mvmt/ Air, Land & Water	4
Choose 1 of the following:		4
BCOR 102	SU: Ecology and Evolution <sup>3</sup>	
CHEM 142	Organic Chemistry 2	
GEOL 110	SU: Earth Materials <sup>2</sup>	
BCOR 011 & BCOR 012	Exploring Biology and Exploring Biology	8
CHEM 031 & CHEM 032	General Chemistry 1 and General Chemistry 2	8
Choose 1 of the following sequences:		6-8
MATH 019 & MATH 020	QR: Fundamentals of Calculus I and QR: Fundamentals of Calculus II	
MATH 021 & MATH 022	QR: Calculus I and QR: Calculus II	
14 to 17 credits of advanced course work, chosen in consultation with the student's advisor, in 1 of the following Focus Tracks: <sup>4</sup>		14-17
Agriculture and the Environment		
Conservation Biology and Biodiversity		
Ecological Design		
Environmental Analysis and Assessment		

Environmental Biology	
Environmental Geology	
Environmental Health	
Global Environmental and Climate Change	
Water Resources	

- <sup>1</sup> CHEM 141 required for Environmental Biology Focus Track.
- <sup>2</sup> GEOL 055 and GEOL 110 required for Environmental Geology Focus Track.
- <sup>3</sup> BCOR 102 required for Environmental Biology Focus Track.
- <sup>4</sup> Up-to-date course requirements for each Focus Track are available from a student's advisor or the dean's office; students may elect to petition to develop a Self-Design track.

College of Arts and Sciences students majoring in the B.S. program in environmental sciences are required to take at least 84 credits of course work in the College of Arts and Sciences.