



# Vermont Career Pathway Student Plan of Study Template

Cluster: Agriculture Pathway: Conservation & Natural Resources Programs: Environmental Science

High School: \_\_\_\_\_ Career Center: \_\_\_\_\_

Education Levels	Grade	English	Math	Science	History Social Studies	Other Required Courses	Elective Courses	Career & Technical Courses	Dual Enrollment and College Transition Opportunities Relating to this Pathway	Sample Industry Certifications Relating to this Pathway	Sample Occupations Relating to this Pathway
Secondary	9	<input type="checkbox"/> English I	<input type="checkbox"/> Algebra I	<input type="checkbox"/> Biology	<input type="checkbox"/> HS Requirement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	⇒Intro to Environmental Science (CCV) ⇒Intro to Horticulture (VTC)	⇒Wilderness First Aid	⇒Wildlife Biologist ⇒Water Resource Mgt ⇒Land Conservation
	10	<input type="checkbox"/> English II	<input type="checkbox"/> Geometry	<input type="checkbox"/> Chemistry	<input type="checkbox"/> HS Requirement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	11	<input type="checkbox"/> English III	<input type="checkbox"/> Algebra II	<input type="checkbox"/> Physics	<input type="checkbox"/> HS Requirement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Soil and Water <input type="checkbox"/> Natural History <input type="checkbox"/> Horticulture			
	12	<input type="checkbox"/> English/Lit	<input type="checkbox"/> Statistics	<input type="checkbox"/> Advanced Biology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Forestry & Wildlife <input type="checkbox"/> Diversified Agriculture			
Post-Secondary	13	<input type="checkbox"/> Dimensions of Self & Society	<input type="checkbox"/> English Composition	<input type="checkbox"/> Computer Applications	<input type="checkbox"/> Intro to Environmental Science	<input type="checkbox"/> Fundamentals of Earth Science	<input type="checkbox"/> Math	<input type="checkbox"/> Communication	<input type="checkbox"/> Intro to Environmental Biology or <input type="checkbox"/> Introductory Biology: Ecology & Evolution	<input type="checkbox"/> Current Environmental Issues	<input type="checkbox"/> Introductory Chemistry or <input type="checkbox"/> General Chemistry I
	14	<input type="checkbox"/> Research & Writing Intensive	<input type="checkbox"/> Human Behavior	<input type="checkbox"/> Human Expression	<input type="checkbox"/> Natural History of Vermont	<input type="checkbox"/> Global Perspectives & Sustainability	<input type="checkbox"/> Professional Field Experience	Select three of the following: <input type="checkbox"/> Forest Ecology <input type="checkbox"/> Wildlife Ecology <input type="checkbox"/> Freshwater Ecology <input type="checkbox"/> Principles of Conservation Biology	<input type="checkbox"/> Seminar in Educational Inquiry		
	15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Academic Standards	SAT - Not required. If taken, score >500 Accuplacer - 85R, 85W, 66M, 44Alg	Civic Engagement Community Service Apprenticeship Co-op Internship
Certificates and Diplomas and Degrees	CPR & First Aid  Associate Degree	

\* Check with your school counselor for your high school's graduation requirements