

Sample BIESP progression meeting all graduation requirements

**Climate theme (non-co-op)**

Year	Semester	Course Code	Credit Weight	Title	Type	RE Group	List
1	Fall 1	ENVS*1040	1.0	Natural History of the Great Lakes Region	Required		
1	Fall 1	IES*1010	0.5	Introduction to Indigenous Environmental Science and Practice	Required		
1	Fall 1	INDG*1100	0.5	Indigenous Language and Culture	Required		
1	Fall 1	MATH*1080	0.5	Calculus I	Required		
		<b>Total Credits</b>	<b>2.5</b>				
1	Winter 2	ACCT*1220	0.5	Introduction to Financial Accounting	Required		
1	Winter 2	BIOL*1070	0.5	Discovering Biodiversity	Required		
1	Winter 2	IES*1020	0.5	Indigenous Knowledge for Environmental Science and Practice	Required		
1	Winter 2	CHEM*1040	0.5	General Chemistry I	Required		
1	Winter 2	Free elective	0.5	Free elective	Free elective		
		<b>Total Credits</b>	<b>2.5</b>				
2	Fall 3	BIOL*2060	0.5	Ecology	Required		
2	Fall 3	IES*2010	0.5	Land-based Teachings for Environmental Science and Practice	Required		
2	Fall 3	STAT*2040	0.5	Statistics I	Required		
2	Fall 3	Free elective	0.5	Free elective	Free elective		
2	Fall 3	<b>ENVS*2030</b>	0.5	<b>Meteorology and Climatology</b>	Restricted elective	2	H
		<b>Total Credits</b>	<b>2.5</b>				
2	Winter 4	GEOG*2210	0.5	Environment and Resources	Required		
2	Winter 4	GEOG*2480	0.5	Mapping and GIS	Required		
2	Winter 4	One of: HIST*2090	0.5	Indigenous Peoples of the Americas	Required		

Updated 2025

2	Winter 4	ANTH*2660		Contemporary Indigenous Peoples in Canada	(Required as one of)		
2	Winter 4	HROB*2010	0.5	Foundations of Leadership	Restricted elective	3	n/a
2	Winter 4	Free elective	0.5	Free elective	Free elective		
		<b>Total Credits</b>	<b>2.5</b>				
3	Fall 5	ANTH*3650	0.5	The Anthropology of Indigenous Peoples Before Canada	Required		
3	Fall 5	IES*3020	0.5	Right Relations: Reconciliation, Decolonization, & the Environment.	Required		
3	Fall 5	POLS*3340	0.5	Indigenous Politics in Canada	Required		
3	Fall 5	<b>ENVS*3010</b>	0.5	<b>Climate Change Biology</b>	Restricted elective	2	H
3	Fall 5	GEOG*3480	0.5	GIS and Spatial Analysis	Restricted elective	1	B
		<b>Total Credits</b>	<b>2.5</b>				
3	Winter 6	IAEF*3510	0.5	Interdisciplinary Flexible Internship	Restricted elective	n/a	
3	Winter 6	MGMT*3020	0.5	Corporate Social Responsibility	Restricted elective	3	n/a
3	Winter 6	<b>ENVS*3050</b>	0.5	<b>Microclimatology</b>	Restricted elective	2	H
3	Winter 6	GEOG*4480	1.0	Applied Geomatics	Restricted elective	1	B 4000
		<b>Total Credits</b>	<b>2.5</b>				
4	Fall 7	GEOG*3210	0.5	Indigenous-Settler Relationships in Environmental Governance	Required		
4	Fall 7	IES*4000	0.5	Indigenous Environmental Science: Methodologies in Practice	Required		
4	Fall 7	ENVS*4350	0.5	Forest Ecology	Restricted elective	2	F 4000
4	Fall 7	<b>ENVS*3340</b>	0.5	<b>Environmental Data Analysis</b>	Restricted elective	2	H
4	Fall 7	Free elective	0.5	Free elective	Free elective		
		<b>Total Credits</b>	<b>2.5</b>				
4	Winter 8	IES*4010	0.5	Indigenous Environmental Science Project	Required		

4	Winter 8	IES*4020	0.5	Indigenous Environmental Science Capstone	Required		
4	Winter 8	GEOG*4230	0.5	Environmental Impact Assessment	Restricted elective	1	A 4000
4	Winter 8	<b>ENVS*4210</b>	0.5	<b>Meteorological and Environmental Instrumentation</b>	Restricted elective	2	H
4	Winter 8	<b>ENVS*4050</b>	0.5	<b>Predicting Impacts of Environmental Change</b>	Restricted elective	2	H
		<b>Total Credits</b>	<b>2.5</b>				
		<b>Total Credits for Degree</b>	<b>20.0</b>				
	<b>Rules:</b>						
		Total Required Course Credits	10.5				
		Total Restricted Electives Course Credits	7.0				
		Total Free Electives	2.0				
		Total credits required to be 3000 or higher, of which 2.00 must be 4000 level	6.0				
		Group 1	1.5	Min 1.5 from A and B, 0.5 must be 4000	2.0		
		Group 2	3.0	Min 3.00 from lists C,D,E,F,G, H. 0.5 must be 4000	3.5		
		Group 3	1.0		1.0		
		Additional RE from any group or other (if applicable)	1.5	Total restricted electives must be at least 7.0 credits	0.5		

Note for students in the BIESP Co-op program this thematic progression could be the same except for a few details, including:

- Swapping IAEF\*3510 for another restricted elective – co-op students are not eligible to take this course.
- COOP\*1100 (0.0 credits) in fall semester 3.
- COOP\*1000 (0.5 credits) in the summer between winter semester 4 and fall semester 5.
- COOP\*2000, COOP\*3000, and COOP\*4000 (0.5 credits each) in summer, fall and winter following winter semester 6.
- Total credits for degree adjusted to 22.0 credits (to include the co-op semester credits).
- Co-op students are not eligible to take ENVS 3330.