

Sample BIESP progression meeting all graduation requirements

Soil and Water 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		
		Total Credits	2.5				
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	ECON*1050	0.5	Introductory Microeconomics	Restricted elective	1	A
		Total Credits	2.5				
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	FARE*2700	0.5	Survey of Natural Resource Economics	Restricted elective	1	A

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2	Fall 3	ENVS*2060	0.5	Soil Science	Restricted elective	2	G
		Total Credits	2.5				
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		
2	Winter 4	ANTH*2660		Contemporary Indigenous Peoples in Canada	(Required/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		
		Total Credits	2.5				
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	ENVS*2240	0.5	Fundamentals of Environmental Geology	Restricted elective	2	G
3	Fall 5	Free elective	0.5	Free elective	Free elective		
		Total Credits	2.5				
3	Winter 6	IAEF*3510	0.5	Interdisciplinary Flexible Internship	Restricted elective Counting as a free elective	n/a	n/a
3	Winter 6	HROB*2090	0.5	Individuals and Groups in Organizations	Restricted elective	3	n/a
3	Winter 6	ENVS*3310	0.5	Soil Biodiversity and Ecosystem Function	Restricted elective	2	D

3	Winter 6	BIOL*3130	0.5	Conservation Biology	Restricted elective	2	C
3	Winter 6	Free elective	0.5	Free elective	Free elective		
		Total Credits	2.5				
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*4090	0.5	Soil Management	Restricted elective	2	G
4	Fall 7	ENVS*3180	0.5	Sedimentary Environments	Restricted elective	2	G
4	Fall 7	ENVS*3080	0.5	Soil and Water Conservation	Restricted elective	2	G
		Total Credits	2.5				
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*4220	0.5	Local Environmental Management	Restricted elective	1	A 4000
4	Winter 8	ENVS*4030	0.5	Ecohydrology	Restricted elective	2	G 4000
4	Winter 8	ENVS*4360	0.5	Glacial Environments	Restricted elective	2	G
		Total Credits	2.5				
		Total Credits for Degree	20.0				
	Rules:						
		Total Required Course Credits	11				
		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	1.5		
		Group 2	3.0	Min 3.00 from lists C,D,E,F,G, H. 0.5 must be 4000	4.5		
		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		

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

- Swap IAEF 3510 for another free or restricted elective because this course is only available to non-co-op students.
- 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).