

Sample BIESP progression meeting all graduation requirements

Chemistry and Toxicology theme (non-co-op)

Year	Semester	Course Code	Credit Weight	Title	Type	RE Group	List
1	Fall 1	CHEM*1040	0.5	General Chemistry I	Required		
1	Fall 1	ENVS*1040	0.5	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*1050	0.5	General Chemistry II	Restricted elective	2	E
1	Winter 2	Free elective	0.5	Free elective	Free elective		
		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	ENVS*2060	0.5	Soil Science	Restricted elective	2	G

2	Fall 3	Free elective	0.5	Free elective	Free elective		
		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 as one of)		
2	Winter 4	ENVS*3310	0.5	Soil Biodiversity and Ecosystem Function	Restricted elective	2	D
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	BIOL*3450	0.5	Introduction to Aquatic Environments	Restricted elective	2	E
3	Fall 5	ENVS*3220	0.5	Terrestrial Chemistry	Restricted elective	2	E
		Total Credits	2.5				
3	Winter 6	GEOG*3480	0.5	GIS and Spatial Analysis	Restricted elective	1	B
3	Winter 6	HROB*2090	0.5	Individuals and Groups in Organizations	Restricted elective	3	n/a
3	Winter 6	ACCT*2230	0.5	Management Accounting	Restricted elective	3	n/a
3	Winter 6	CHEM*3360	0.5	Environmental Chemistry and Toxicology	Restricted elective	2	E

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	BIOL*4350	0.5	Limnology of Natural and Polluted Water	Restricted elective	2	E 4000
4	Fall 7	TOX*2000	0.5	Principles of Toxicology	Restricted elective	2	E
4	Fall 7	GEOG*2420	0.5	The Earth From Space	Restricted elective	1	B
		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	ENVS*4000	0.5	Toxicological Risk Assessment	Restricted elective	2	E
4	Winter 8	GEOG*4480	1.0	Applied Geomatics	Restricted elective	1	B 4000
		Total Credits	2.5				
		Total Credits for Degree	20.0				
	Rules:						
		Total Required Course Credits	10.5				
		Total Restricted Electives Course Credits	7.5				
		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	2.0	Min 2.00 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	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 7.5 credits			

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

- 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).