

B.Sc. Major / Honours in Environmental Science

Name: _____ BO: _____ Start Date: _____

First Year Requirements (30 credit hours)		Term-Year	Done
DISP: SCIE 15	Number of credits:		
OR			
1	BIOL 1010.03 or BIOL 1020.03 Principles of Biology 1		
2	MATH 1215.03 Calculus for the Life Sciences (or MATH1000.03)		
3	STAT 1060.03 Introductory Statistics for Science and Health Sciences		
4	Writing requirement 1 or SCIE 1111.03 Elements of Writing		
5	Writing requirement 2 or elective course* if SCIE 1111.03 was completed		
6	ENVS 1100.03 Foundations of Environmental Science ¹		
7	ENVS 1200.03 Current Issues in Environmental Science ¹		
8	CHEM 1011.03 Concepts in Chemistry 1		
9	CHEM 1012.03 Concepts in Chemistry 2		
10	ERTH 1080.03 Geology I		

¹Students who haven't taken ENVS 1100/1200 in their first year should do so in their second year

¹A grade of B- or higher is required in ENVS1100/1200 for admission to ENVS 3501 and ENVS 3502

Additional Requirements (6 credit hours)		Term-Year	Done
1	ECON 1101.03 or 1102.03 Principles of Micro or Macro Economics ¹		
2	STAT 2080.03 Statistical Methods for Data Analysis and Inference		
Core Environmental Science Requirements (42 credit hours; 54 credit hours for Honours)			
1	BIOL 2060.03 Introductory Ecology		
2	PHIL 2480.03 ² Environmental Ethics		
3	ENVS 2100.03 Environmental Informatics		
4	ENVS 2310.03 Energy and the Environment		
5	ENVS 2850.03 GIS & Tech (or ENVS 3500.03)		
Field Course Requirement (6 credit hours): Choose from table below			
6	1.		
7	2.		
8	ENVS 3100.03 Environmental Analytics		
9	ENVS 3200.03 Introduction to Environmental Law		
10	ENVS 3501.03 Environmental Problem-Solving 1		
11	ENVS 3502.03 Environmental Problem-Solving 2		
12	ENVS 3601.03 Global Biogeochemical Cycles		
13	ENVS 4001.03 Environmental Impact Assessment		
14	ENVS 4100.03 Environmental Science Capstone		

¹ECON 1101 or 1102 and ENVS 3502 together satisfy the six credit hours in social science degree requirement

²PHIL 2480 makes up half of the six credit hours in language and humanities degree requirement, a second three-credit hour class in a language or humanities subject should be taken to satisfy the requirement.

Field Courses List A: Choose at least one from List A	Field Courses List B: Choose a second course from List A or B
ENVS2000.03 Urban Field School	ENVS 4005 Coral Reefs and Environmental Change
ENVS2500.03 Field Methods in Environmental Science	Any SEASIDE course
ENVS3001.03 Environmental Science Field School	

For approved Honours students only	Term	Done
15 ENVS 4901.03 Honours Thesis Part A (Fall term only)		
16 ENVS 4902.03 Honours Thesis Part B		
17 ENVS Elective		
18 ENVS Elective		

	Elective courses 42 credit hours for Majors; 30 credit hours for Honours	Term-Year	Done
1	Language and Humanities Elective:		
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			

***Students are encouraged to explore minors and certificates in a relevant area of study. Please see an Environmental Science Academic Advisor for suggestions**

NOTE: Honours students must have a minimum of 54 credit hours and maximum of 66 credit hours of ENVS courses beyond the 1000 level. Honours students who have not fulfilled the minimum requirement in their Common Core must choose additional ENVS courses or from the list of Environmental Science Approved Courses from other departments to meet this requirement— see Academic Advisor in Environmental Science for details.

Students who would like to follow the Honours program should apply after they have completed two years of study.

Certificates can be added on to a BSc in Environmental Science

Are you planning to complete any of the following certificates? Courses can be double counted between major requirements and certificate requirements.

- Environmental Impact Assessment
- Geographic Information Science
- Data Analytics
- Aquaculture and the Environment
- Indigenous Studies
- Science Leadership and Communication