B.Sc. Major and Honours in Environmental Science (Starting September 2019) Honours/Major (circle one)

Name:_____ Student ID:_____ Date:_____

First Year Requirements (30 credit hours)	Term	Done
DISP: SCIE 15_____ Number of credits:		
OR		
BIOL 1010.03 or BIOL 1020.03 Principles of Biology 1		
MATH 1000.03 or MATH 1215.03		
STAT 1060.03		
Writing requirement 1 or SCIE 1111.03 Elements of Writing		
Writing requirement 2 or elective course* if SCIE 1111.03 was completed		
CHEM 1011.03 Concepts in Chemistry: Structure and Reactivity		
CHEM 1012.03 Concepts in Chemistry: Energy and Equilibrium		
ERTH 1080.03 Geology I		
ENVS 1100.03** Foundations of Environmental Science		
ENVS 1200.03** Current Issues in Environmental Science		

* Students are encouraged to take one half of their language and humanities in their first year

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

*** Students require a grade of B- or higher in ENVS 1100 and 1200 to take ENVS 3501 and 3502

Core Requirements (42 credit hours Major; 48 credit hours Honours)	Term	Done
ECON 1101.03 or 1102.03* Principles of Micro or Macro Economics		
STAT 2080.03 Statistical Methods for Data Analysis and Inference		
BIOL 2060.03 Introductory Ecology		
PHIL 2480.03** Environmental Ethics		
ENVS 2100.03 Environmental Informatics		
ENVS 2000.03 Urban Field School **Or** ENVS 2500 Field Methods in ENVS		
PHYC 2310 .03 Energy and the Environment		
ENVS 3001.03 Environmental Science Field School		
ENVS 3100.03 Environmental Analytics		
ENVS 3501.03 Environmental Problem-Solving 1		
ENVS 3502.03 Environmental Problem-Solving 2		
ENVS 3200.03 Introduction to Environmental Law		
ENVS 3500.03 Geoscience Information Management		
ENVS 3601.03 Global Biogeochemical Cycles		
ENVS 4001.03 Environmental Impact Assessment		
ENVS 4100.03 Environmental Science Capstone		

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

**PHIL 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.

ENVS 4901.03*** Honours Thesis Part A		
ENVS 4902.03*** Honours Thesis Part B		

***These classes are for Honours students only, Major students take two additional electives instead.

Elective classes (48 credit hours-Major; 42 credit hours-Honours)	Term	Done
Language and Humanities Elective		
Minor-1		
Minor-2		
Minor-3		
Minor-4		
Minor-5		
Minor-6		

***Students are encouraged to choose a minor in a relevant subject. 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. Major students must have a minimum of 30 and a maximum of 60 credit hours of ENVS courses beyond the 1000 level. Students who have not fulfilled this requirement in their Common Core (filled in below) must choose enough electives from the list of Environmental Science Equivalent Courses to meet this requirement (courses do not need to have an ENVS designation, but must be picked from the approved list to count towards the requirements for the programme – 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.

List all courses that fulfill the ENVS requirement designation
1. BIOL 2060.03
2. PHIL 2480.03
3. ENVS 2000.03
4. ENVS 2100.03
5. PHYC 2310.03
6. ENVS 3001.03
7. ENVS 3100.03
8. ENVS 3200.03
9. ENVS 3500.03
10. ENVS 3501.03
11. ENVS 3502.03
12. ENVS 3601.03
13. ENVS 4001.03
14. ENVS 4100.03
15. ENVS 4901.03*
16. ENVS 4902.03*
17.
18.
19.
20.
21.
22.
23.
24.

*Honours students only

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 degree requirements and certificate requirements.

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

Certificate requirements (check for minimum grade requirements)	Term-Year	Done