

ENVIRONMENTAL STUDIES – MAJOR (ARTS) – BACHELOR OF ARTS (HONOURS)

ENVS-M-BAH

Subject: Administered by the School of Environmental Studies.

Plan: Consists of 60.00 units as described below.

Program: The Plan, alone, or in combination with a Minor in another subject, and with sufficient electives to total 120.00 units, will lead to a Bachelor of Arts (Honours) Degree.

Requirements for this program have been modified. Please consult the 2021-2022 (<https://www.queensu.ca/academic-calendar/archive/2021-2022/arts-science/>) **Calenda** (<https://www.queensu.ca/academic-calendar/archive/2021-2022/arts-science/>) for the previous requirements.

Code	Title	Units
1. Core		
A. Complete 3.00 units from the following:		3.00
BIOL 103	Fundamentals of Biology: Organisms to Ecosystems	
BIOL 111	Ecology and the Environment	
B. Complete the following:		
ENSC 103	Environment and Sustainability	3.00
GPHY 101	Human Geography	3.00
GPHY 102	Physical Geography and Natural Resources	3.00
C. Complete 3.00 units from the following:		3.00
GEOL 104	The Dynamic Earth	
GEOL 106	Environmental Geology and Natural Hazards	
GEOL 107	History of Life	
D. Complete the following:		
DEVS 250	Environmental Transformations	3.00
ENSC 201	Environmental Toxicology and Chemical Risks	3.00
ENSC 230	Principles of Sustainability	3.00
ENSC 290	Introduction to Ecological Economics	3.00
E. Complete the following:		
ENSC 301	Environmental Assessment	3.00
ENSC 330	Applications of Sustainability	3.00
F. Complete 6.00 units from the following:		6.00
ENSC 430	Honours Projects in Environmental Sustainability	
ENSC 501	Independent Environmental Study	
ENSC 502	Research Project Sustainability	

ENSC_Seminar

2. Option

– ENVIRONMENTAL STUDIES –

A. Complete 9.00 units from the following: 9.00

ENSC 200 Environmental History

ENSC 305 Social Environments

ENSC 310 Environmental Policy

ENSC 315 Global Food Security, Agriculture, and Environment

ENSC 321 Environmental Justice in Global Context

B. Complete 3.00 units from the following course list: 3.00

ENSC_Interdisciplinary_SocSci/Huma

C. Complete 3.00 units from the following course list: 3.00

ENSC Interdisciplinary_Humanities

– ENVIRONMENTAL SCIENCE –

D. Complete 3.00 units from the following course list: 3.00

ENSC_Integrative Science

E. Complete 3.00 units from the following course list: 3.00

STAT_Options

Electives

Elective Courses 60.00

Total Units 120.00

3. Notes

A. Students are advised to complete at least 15.00 units from the core courses in their first-year. Deferring 100-level courses to the final year of study is strongly discouraged.

B. Students who opt to take ENSC 502 to satisfy Core requirement **1.F.** may use the further 6.00 units in electives and/or Plan requirements as approved by the Chair of Undergraduate Studies.

C. A maximum of 6.00 units from courses offered by other Faculties and Schools may be counted toward the program and/or Plan requirements. This includes courses in BMED, COMM, GLPH, LAW, NURS and courses in the Faculty of Engineering and Applied Science.

Environmental Studies Course Lists

The following lists contain courses offered through other Departments. In accordance with Academic Regulation **2.5** (Access to Classes), students do not have enrolment priority in all of these courses. Access to these courses may only be



made available during the Open Enrolment period, and then only if space permits.

ENSC_Integrative_Science

Code	Title	Units
Environmental Science/Studies Integrative Science Options		
BIOL 103	Fundamentals of Biology: Organisms to Ecosystems	3.00
BIOL 212	Scientific Methods in Biology	3.00
BIOL 335	Limnology and Aquatic Ecology	3.00
ENSC 201	Environmental Toxicology and Chemical Risks	3.00
ENSC 301	Environmental Assessment	3.00
ENSC 307	Marine Environmental Issues	3.00
ENSC 320	Wildlife Issues in a Changing World	3.00
ENSC 425	Ecotoxicology	3.00
ENSC 471	Environmental Analysis Methods	3.00
ENSC 407	Global Water Issues	3.00
ENSC 480	Special Topics in Environmental Science	3.00
GEOL 106	Environmental Geology and Natural Hazards	3.00
GEOL 107	History of Life	3.00
GEOL 200	Oceanography	3.00
GPHY 207	Principles Of Biogeography	3.00
GPHY 209	Weather and Climate	3.00
GPHY 304	Northern and Arctic Environments	3.00
GPHY 306	Natural Environmental Change	3.00
GPHY 310	Landscape Ecology	3.00
GPHY 312	Watershed Hydrology	3.00
GPHY 314	Climate Change	3.00
GPHY 317	Soil, Environment, and Society	3.00
GPHY 318	Advanced Biogeography	3.00
GPHY 319	Contemporary Energy Resources	3.00
GPHY 320	Energy and Society	3.00

ENSC_Interdisciplinary_Humanities

Code	Title	Units
Environmental Science/Studies Interdisciplinary Humanities Options		
CLST 214	Ancient Science	3.00
DEVS 220	Introduction to Indigenous Studies	3.00
DEVS 221	Indigenous Studies II - Resistance and Resurgence	3.00
PHIL 203	Science and Society	3.00
PHIL 293	Humans and the Natural World	3.00
PHIL 310	Development Ethics	3.00

PHIL 493	Ethics and the Environment	3.00
RELS 235	Religion and Environment	3.00

ENSC_Interdisciplinary_SocSci/Huma

Code	Title	Units
Environmental Science/Studies Interdisciplinary and Social Science and Humanities Options		
CHEE 342	Environmental Biotechnology	3.00
CLST 214	Ancient Science	3.00
DEVS 220	Introduction to Indigenous Studies	3.00
DEVS 221	Indigenous Studies II - Resistance and Resurgence	3.00
DEVS 250	Environmental Transformations	3.00
ECON 290	Environmental Economics and Assessment	3.00
ENSC 200	Environmental History	3.00
ENSC 290	Introduction to Ecological Economics	3.00
ENSC 301	Environmental Assessment	3.00
ENSC 305	Social Environments	3.00
ENSC 307	Marine Environmental Issues	3.00
ENSC 310	Environmental Policy	3.00
ENSC 311	Applied Environmental Policy	3.00
ENSC 315	Global Food Security, Agriculture, and Environment	3.00
ENSC 320	Wildlife Issues in a Changing World	3.00
ENSC 321	Environmental Justice in Global Context	3.00
ENSC 391	Practical Applications in Sustainability	3.00
ENSC 407	Global Water Issues	3.00
ENSC 420	Gender and Environments	3.00
ENSC 482	Special Topics in Environmental Studies	3.00
ENSC 483	Special Topics in Environmental Studies II	3.00
GPHY 336	Geography, the Environment and Human Health	3.00
GPHY 339	Medical Geography	3.00
GPHY 365	Geography, Development, and Environment in the 'Third World'	3.00
PHIL 203	Science and Society	3.00
PHIL 293	Humans and the Natural World	3.00
PHIL 310	Development Ethics	3.00
PHIL 493	Ethics and the Environment	3.00
RELS 235	Religion and Environment	3.00

ENSC_Interdisciplinary_SocSci/Huma_Gen/Min_Options

Code	Title	Units
Environmental Studies Interdisciplinary and Social Science and Humanities Gen/Min Options		
CLST 214	Ancient Science	3.00

DEVS 220	Introduction to Indigenous Studies	3.00
DEVS 221	Indigenous Studies II - Resistance and Resurgence	3.00
DEVS 250	Environmental Transformations	3.00
ECON 290	Environmental Economics and Assessment	3.00
ENSC 200	Environmental History	3.00
ENSC 290	Introduction to Ecological Economics	3.00
ENSC 301	Environmental Assessment	3.00
ENSC 305	Social Environments	3.00
ENSC 307	Marine Environmental Issues	3.00
ENSC 310	Environmental Policy	3.00
ENSC 315	Global Food Security, Agriculture, and Environment	3.00
ENSC 320	Wildlife Issues in a Changing World	3.00
ENSC 321	Environmental Justice in Global Context	3.00
ENSC 407	Global Water Issues	3.00
PHIL 293	Humans and the Natural World	3.00
PHIL 493	Ethics and the Environment	3.00
RELS 235	Religion and Environment	3.00

ENSC_Seminar

Code	Title	Units
Environmental Science/Studies Seminar Options		
ENSC 407	Global Water Issues	3.00
ENSC 420	Gender and Environments	3.00
ENSC 425	Ecotoxicology	3.00
ENSC 480	Special Topics in Environmental Science	3.00
ENSC 483	Special Topics in Environmental Studies II	3.00

STAT_Options

Code	Title	Units
Statistic Course Options		
BIOL 243	Introduction to Statistics	3.00
CHEE 209	Analysis Of Process Data	3.00
COMM 162	Managerial Statistics	3.00
ECON 250	Introduction to Statistics	3.00
GPHY 247	Introduction to Statistics	3.00
KNPE 251	Introduction to Statistics	3.00
NURS 323	Introduction to Statistics	3.00
POLS 285	Introduction to Statistics	3.00
PSYC 202	Statistics in Psychology	3.00
SOCY 211	Introduction to Statistics	3.00
STAM 200	Introduction to Statistics	3.00
STAT 252	Introductory Applied Probability	3.00
STAT 263	Introduction to Statistics	3.00
STAT 367	Engineering Data Analysis	4.00