BACHELOR OF SCIENCE (BSc) GRADUATION CHECKLIST

- Environmental Science Major
- Environmetrics Concentration

Name: ____________________________  Student #: __________________

Graduation Requirements

To graduate from the Environmental Science Program (Major), you must have:

- Approval in the Environmetrics Concentration
- Completed all of the required courses (see back)
- At least 120 units
- At least 44 upper division units (within the the 120 units)
- Completed the WQB requirements below
- CGPA and UDCGPA must be 2.00 or higher
- Met SFU’s minimum residency requirements below

WQB Requirements*

- 6 units of Writing ("W") including at least 3 units taken at SFU
  - 3 units of W  □_______
  - 3 units of 300- or 400-level W within major  □_______
- 6 units of Quantitative "Q"  □_______  □_______
- 18 units of Designated Breadth "B"
  - 6 units of B-Soc (Social Science)  □_______  □_______
  - 6 units of B-Hum (Humanities)  □_______  □_______
  - 6 units of B-Sci (Science)  □_______  □_______
- 6 units of Undesignated Breadth  □_______  □_______

Notes: A minimum grade of C- is required to earn WQB unit.
A single course can count for W, Q, and B unit (however, only one B where two are possible).
See http://www.sfu.ca/ugcr.html for more details.
*Any required courses from this major may be used to fulfill these requirements.

Residency Requirements

At least half of the program’s total units and two thirds of the programs total upper division units must be earned through SFU study.

Advising

Contact your Academic Advisor, Rebecca Ho. For advising hours and contact information, visit: www.sfu.ca/fenv/advising.

Each student is responsible for ensuring that his or her academic choices meet the requirements for graduation. All requirements are outlined in the SFU Calendar. Advisors are available to provide guidance. However, the student has ultimate responsibility for compliance with and completion of the program and degree requirements and for observing regulations and deadlines.
LOWER DIVISION REQUIREMENTS

Students complete all of
☐ BISC 101-4- General Biology (B-Sci)
☐ BISC 102-4- General Biology (B-Sci)
☐ CHEM 121-4- General Chemistry and Laboratory I (Q, B-Sci)
☐ CHEM 122-2- General Chemistry II (Q)
☐ EVSC 100-3- Introduction to Environmental Science (B-Sci)
☐ EVSC 201W-4- Environmental Science in Practice (W)
☐ GEOG 111-3- Earth Systems (B-Sci)
☐ MATH 232-3- Applied Linear Algebra (Q)
☐ MATH 251-3- Calculus III (Q)
☐ REM 100-3- Global Change (B-Soc)
☐ STAT 270-3- Introduction to Probability and Statistics (Q)
☐ STAT 285-3- Intermediate Probability and Statistics (Q)
And one of
☐ MATH 151-3- Calculus I (Q)
☐ MATH 154-3- Calculus I for the Biological Sciences (Q)
And one of
☐ MATH 152-3- Calculus II (Q)
☐ MATH 155-3- Calculus II for the Biological Sciences (Q)
And one of
☐ PHYS 101-3- Physics for the Life Sciences I (Q, B-Sci)
☐ PHYS 120-3- Mechanics and Modern Physics (Q, B-Sci)
And one of
☐ PHYS 102-3- Physics for the Life Sciences II (Q, B-Sci)
☐ PHYS 121-3- Optics, Electricity and Magnetism (Q, B-Sci)

UPPER DIVISION REQUIREMENTS

Students complete all of
☐ EVSC 300-3- Seminar in Environmental Science
☐ EVSC 305-3- Methods in Environmental Science
☐ EVSC 400-4- Environmental Science Capstone
☐ STAT 350-3- Linear Models in Applied Statistics (Q)
☐ STAT 410-3- Statistical Analysis of Sample Surveys (Q)
☐ STAT 430-3- Statistical Design and Analysis of Experiments (Q)

And two of
☐ ENV 320W-3- Ethics and the Environment (W)
☐ GEOG 389W-4- Nature and Society
☐ REM 319-3- Environmental Law
☐ REM 321-4- Ecological Economics (B-Soc)
☐ REM 356W-3- Institutional Arrangements for Sustainable Environmental Management (W)

And one of
☐ STAT 341-2- Introduction to Statistical Computing and Exploratory Data Analysis – R
☐ STAT 342-2- Introduction to Statistical Computing and Exploratory Data Analysis – SAS

And one of
☐ STAT 445-3- Applied Multivariate Analysis (Q)
☐ STAT 475-3- Applied Discrete Data Analysis (Q)
☐ STAT 485-3- Applied Time Series Analysis (Q)

Plus 12 upper division units
☐ from the Faculty of Environment or the Faculty of Science with approval from the Director.

HONOURS REQUIREMENTS

In addition to the requirements above, to complete the Environmental Science Program (Honours) Environmetrics Concentration, you must:

Complete:
☐ EVSC 490-4- Environmental Science Thesis

To graduate, you must have:
☐ Approval in the Honours Program
☐ Maintain a 3.00 CGPA and UDCGPA
☐ At least 120 units
☐ At least 60 upper division units (within the 120 units)
☐ Satisfied the WQB requirements
☐ Met SFU’s minimum residency requirements