Environmental Science Graduation Checklist

Required Units

To graduate from Environmental Science Program (Major)
- □ at least 120 units
- □ at least 44 upper division units (within the 120 units)
- □ approval in one of the four concentrations (see back)

To graduate from Environmental Science Honours Program
- □ permission for enrollment in the honours program
- □ at least 132 units
- □ at least 60 units of upper division course work, of which at least 48 must be in one of the four concentrations (within the 132 units)

Residency Requirements and Transfer Units: The University’s residency requirement stipulates that, in most cases, total transfer and course challenge units may not exceed 60 units, and may not include more than 15 units as upper division work.

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 □_______
- 6 units of Quantitative “Q” □_______ □_______
- 18 units of Designated Breath “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 (but only one B where two are possible). See http://www.sfu.ca/ugcr.html for more details.

GPA Requirements

To graduate from the Environmental Science Major Program
- □ CGPA must be 2.00 or higher and UDCGPA must be 2.00 or higher

To graduate from Environmental Science Honours Program
- □ CGPA must be 3.00 or higher and UDCGPA must be 3.00 or higher

Advising

Contact your advisor Sandy Goettler at <env-advisor@sfu.ca>.
Advising in TASC2 8800; email or call 778-782-8787 for an appointment.

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.
Course requirements for each of the Environmental Science Concentrations (Major)

<table>
<thead>
<tr>
<th>Lower Division Courses Common to all Concentrations:</th>
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</thead>
<tbody>
<tr>
<td>BISC 101-4</td>
<td>BISC 102-4</td>
</tr>
<tr>
<td>MATH 151-3 or 154-3</td>
<td>MATH 152-3 or 155-3</td>
</tr>
</tbody>
</table>

### APPLIED BIOLOGY

**Lower Division Requirements**

- Students complete all of:
  - BISC 101-4
  - BISC 102-4
  - BISC 202-3
  - BISC 204-3
  - CHEM 121-4
  - CHEM 122-2
  - CHEM 126-2
  - CHEM 215-4
  - EVSC 100-3
  - EVSC 205-3
  - GEOG 111-3
  - REM 100-3
- and one of:
  - MATH 151-3
  - MATH 154-3
- and one of:
  - MATH 152-3
  - MATH 155-3
- and one of:
  - PHYS 101-3
  - PHYS 120-3
- and one of:
  - PHYS 102-3
  - PHYS 121-3
- and one of:
  - STAT 201-3
  - STAT 270-3

### ENVIRONMENTAL EARTH SYSTEMS

**Lower Division Requirements**

- Students complete all of:
  - BISC 101-4
  - BISC 102-4
  - CHEM 121-4
  - CHEM 122-2
  - EASC 101-3
  - EASC 102-3
  - EVSC 100-3
  - EVSC 205-3
  - GEOG 111-3
  - GEOG 113-3
  - REM 100-3
  - and one of:
  - GEOG 213-3
  - GEOG 215-3
  - GEOG 251-3
  - GEOG 253-3
  - GEOG 151-3
  - MATH 154-3
  - GEOG 152-3
  - MATH 155-3
  - GEOG 101-3
  - PHYS 120-3
  - GEOG 102-3
  - PHYS 121-3
  - and one of:
  - STAT 201-3
  - STAT 270-3

### ENVIRONMENTMETRICS

**Lower Division Requirements**

- Students complete all of:
  - BISC 101-4
  - BISC 102-4
  - CHEM 121-4
  - CHEM 122-2
  - EVSC 100-3
  - EVSC 205-3
  - GEOG 111-3
  - MATH 232-3
  - MATH 251-3
  - REM 100-3
  - STAT 270-3
  - STAT 285-3
- and one of:
  - MATH 151-3
  - MATH 154-3
  - and one of:
  - MATH 152-3
  - MATH 155-3
  - and one of:
  - PHYS 101-3
  - PHYS 120-3
  - and one of:
  - PHYS 102-3
  - PHYS 121-3
  - and one of:
  - STAT 201-3
  - STAT 270-3

### WATER SCIENCE

**Lower Division Requirements**

- Students complete all of:
  - BISC 101-4
  - BISC 102-4
  - CHEM 121-4
  - CHEM 122-2
  - EVSC 100-3
  - EVSC 205-3
  - GEOG 111-3
  - GEOG 213-3
  - GEOG 214-3
- and one of:
  - MATH 151-3
  - MATH 154-3
  - and one of:
  - MATH 152-3
  - MATH 155-3
  - and one of:
  - PHYS 101-3
  - PHYS 120-3
  - and one of:
  - PHYS 102-3
  - PHYS 121-3
  - and one of:
  - STAT 201-3
  - STAT 270-3

### Upper Division Requirements

- Students complete all of:
  - EVSC 299-1
  - EVSC 499-1
  - STAT 350-3
  - STAT 410-3
  - STAT 430-3
  - and one of:
  - STAT 340-3
  - STAT 445-3
  - STAT 475-3
  - STAT 485-3
  - and one of:
  - ENV 319-3
  - ENV 320W-3
  - ENV 321-3 or REM 321-3
  - FNST 301-3
  - FNST 332-3
  - FNST 443-4
  - GEOG 322W-4
  - GEOG 325-4
  - GEOG 343W-4
  - GEOG 356-3
  - SA 326-4
  - SA 371-4
  - CMNS 347-4
  - ENV 319-3
  - ENV 320W-3
  - ENV 321-3 or REM 321-3
  - FNST 301-3
  - FNST 332-3
  - FNST 443-4
  - GEOG 322W-4
  - GEOG 325-4
  - GEOG 363-4
  - GEOG 381W-4
  - GEOG 389W-4
  - REM 356-3
  - SA 326-4
  - SA 371-4
  - CMNS 347-4
  - ENV 319-3
  - ENV 320W-3
  - ENV 321-3 or REM 321-3
  - FNST 301-3
  - FNST 332-3
  - FNST 443-4
  - GEOG 322W-4
  - GEOG 325-4
  - GEOG 363-4
  - GEOG 381W-4
  - GEOG 389W-4
  - REM 356-3
  - SA 326-4
  - SA 371-4

*Note: occasionally 300 or 400 division special topics courses may be offered that can fulfill this requirement; check the EVSC website ([http://www.sfu.ca/evsc.html](http://www.sfu.ca/evsc.html)) for more information.

For complete details on the Major, and to see the Honours requirements, go to: [http://students.sfu.ca/calendar/environmental_science/index.html](http://students.sfu.ca/calendar/environmental_science/index.html)