

**Note: Each program/degree comprises several parts:**

- A. General education requirements – these include the non-science requirement, Math, Computer Science, and foundational science credits.
- B. Major requirements – includes the program core (first and second-year courses) as well as specific SC/BIOL courses required.
- C. Science breadth – science courses outside the major (*i.e.*, **NOT** SC/BIOL courses).
- D. Upper-level credits – e.g. minimum of 18 credits in the major (SC/BIOL) at the 3000 level or above.
- E. Additional elective credits and minimum credit total (*e.g.*, 90 credits for Bachelor).
- F. Standing requirements – these are the minimum overall grade point average (cumulative) required to earn your degree. The requirements depend on the type of degree.
  - a. E.g. Bachelor: A minimum overall GPA of 4.00 (C) is required.

**Bachelor (3-year) Programs (students entering Fall 2021 and later)**

	Bachelor - Biology	Bachelor – Environmental Biology
Minimum GPA	<b>Minimum GPA required: 4.00 (C)</b>	
A. General Education	<p><b>Non-science requirement:</b> 12 credits from non-science courses. See list of eligible courses (<a href="https://www.yorku.ca/science/my-degree/program-requirements/choosing-non-science-general-education-courses/">https://www.yorku.ca/science/my-degree/program-requirements/choosing-non-science-general-education-courses/</a>).</p> <p><b>Note:</b> Must be in at least 2 areas.</p>	<p><b>Non-science requirement:</b> 12 credits from non-science courses. See list of eligible courses (<a href="https://www.yorku.ca/science/my-degree/program-requirements/choosing-non-science-general-education-courses/">https://www.yorku.ca/science/my-degree/program-requirements/choosing-non-science-general-education-courses/</a>).</p> <p><b>Note:</b> EU/ENVS 1000 6.0 is recommended for students interested in taking environmental studies courses (through the Faculty of Environmental Studies)</p> <p><b>Note:</b> Must be in at least 2 areas.</p>
	<p><b>Mathematics:</b> 6 credits total. Must be from:</p> <ul style="list-style-type: none"> <li>• (SC/MATH 1506 3.00 and SC/MATH 1507 3.00)</li> </ul> <p><b>Or</b> 6 total credits from any of the following:</p> <ul style="list-style-type: none"> <li>• SC/MATH 1013 3.00, SC/MATH 1014 3.00, SC/MATH 1025 3.00</li> </ul>	
	<p><b>Computer Science:</b> 3 credits total. Must be from one of the following:</p> <ul style="list-style-type: none"> <li>• LE/EECS 1520 3.00, LE/EECS 1530 3.00, LE/EECS 1540 3.00</li> </ul>	
	<p>• <b>Foundational Science:</b> 6 credits total. Must be from either one of the 6.00 courses below or one of the pairs of courses, indicated by ( ):  <ul style="list-style-type: none"> <li>• <u>SC/CHEM 1000 3.00 and SC/CHEM 1001 3.00*</u></li> <li>• SC/PHYS 1410 6.00 or SC/PHYS 1420 6.00 or SC/PHYS 1010 6.00 or SC/ISCI 1310 6.00 or                             <ul style="list-style-type: none"> <li>• (SC/PHYS 1411 3.00 and SC/PHYS 1412) 3.00</li> <li>• (SC/PHYS 1421 3.00 and SC/PHYS 1422) 3.00</li> <li>• (SC/PHYS 1011 3.00 and SC/PHYS 1012) 3.00</li> <li>• (SC/ISCI 1301 3.00 and SC/ISCI 1302) 3.00</li> </ul> </li> </ul> </p> <p>• <b>Note:</b> *CHEM 1000 and 1001 are prerequisites for BIOL 2020 and CHEM 2020 and <b>are advised!</b></p>	
B. Major Requirements	<p><b>Program Core:</b> 24 credits total. Must include the following:</p> <ol style="list-style-type: none"> <li>1. SC/BIOL 1000 3.00 and SC/BIOL 1001 3.00</li> <li>2. <b>Lab requirement:</b> SC/BIOL 2070 3.00 or SC/BIOL 2080 3.00</li> <li>3. SC/BIOL 2060 3.00</li> <li>4. <b>Additional courses from the following for a total of at least 18 2000-level credits:</b> <ul style="list-style-type: none"> <li>• SC/BIOL 2010 4.00</li> <li>• SC/BIOL 2020 3.00</li> <li>• SC/BIOL 2021 3.00</li> <li>• SC/BIOL 2030 4.00</li> <li>• SC/BIOL 2040 3.00</li> <li>• SC/BIOL 2050 3.00</li> <li>• SC/BIOL 2070 3.00</li> <li>• SC/BIOL 2080 3.00</li> </ul> </li> </ol>	<p><b>Program Core:</b> 35-36 credits total. Must include the following:</p> <ol style="list-style-type: none"> <li>1. SC/BIOL 1000 3.00 and SC/BIOL 1001 3.00</li> <li>2. SC/ENVB 2050 3.00 and SC/BIOL 2060 3.00</li> <li>3. <b>Lab requirement:</b> SC/ENVB 2080 3.00</li> <li>4. <b>Additional courses from the following for a total of at least 18 2000-level credits:</b> <ul style="list-style-type: none"> <li>• SC/BIOL 2010 4.00</li> <li>• SC/BIOL 2020 3.00</li> <li>• SC/BIOL 2021 3.00</li> <li>• SC/BIOL 2030 4.00</li> <li>• SC/BIOL 2040 3.00</li> <li>• SC/BIOL 2070 3.00</li> </ul> </li> <li>5. <b>3<sup>rd</sup> year:</b> SC/ENVB 3001 3.00 and SC/ENVB 3171 3.00</li> <li>6. <b>4<sup>th</sup> year:</b> SC/ENVB 4245 3.00 and SC/BIOL 4255 3.00</li> </ol>
	<p><b>Upper-level Biology credits</b></p> <ol style="list-style-type: none"> <li>1. Additional credits from SC/BIOL courses for a total of at least 46 credits from Biology courses</li> </ol> <p><b>NOTE:</b> <u>You must complete at least 12 SC/BIOL credits at the 3000-level or above</u></p>	<p><b>Upper-level Credits</b></p> <ol style="list-style-type: none"> <li>1. Additional credits from the following course list for a total of at least 42 credits from SC/ENVB and SC/BIOL courses, <b>including at least 12 credits at the 3000-level or above:</b> SC/ENVB 3002 3.00, SC/BIOL 3150 4.00, SC/BIOL 3200 3.00, SC/ENVB 3250 4.00, SC/ENVB 3172 3.00, SC/ENVB 3270 3.00, SC/ENVB 3280 3.00, SC/ENVB 3290 4.00, SC/BIOL 3500 3.00, SC/BIOL 4085 3.00, SC/ENVB 4095 3.00, SC/ENVB 4230 4.00, SC/ENVB 4250 3.00, SC/ENVB 4265 3.00, SC/BIOL 4305 3.00, SC/BIOL 4390 3.00, SC/ENVB 4700 3.00, SC/BIOL 4710 3.00; SC/BIOL 4720 3.00</li> <li>2. SC/GEOG 1400 6.0</li> </ol>
C. Science Breadth	<p>24 credits in science disciplines outside the major, of which three credits must be at the 2000 level or above.</p> <p><b>NOTE:</b> 15 of these 24 credits are satisfied by the General Education requirement. You require 9 additional Science Breadth credits (e.g. Any SC/ course that is NOT your major)</p>	<p>24 credits in science disciplines outside the major, of which 3 credits must be at the 2000 level or above.</p> <p><b>NOTE:</b> 21 of these 24 credits are satisfied by the above requirements (General Education + GEOG 1400 6.0). You require 3 additional Science Breadth credits.</p>
D. Upper Level	<b>A minimum of 18 total credits must be completed at the 3000 level or above.</b>	
E. Additional Elective Credits	Additional elective credits as required, for an overall total of <b>at least 90 credits.</b>	
F. Standing Requirements	<b>Minimum overall GPA of 4.00 (C)</b> is required to be eligible to graduate with a BSc degree (Bachelor program).	