

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 prior to Fall 2021)

	Bachelor - Biology	Bachelor – Environmental Biology
Minimum GPA	Minimum GPA required: 4.00 (C)	
A. General Education	<ul style="list-style-type: none"> • Non-science requirement: 12 credits total from non-science courses. See list of eligible courses (https://www.yorku.ca/science/my-degree/program-requirements/choosing-non-science-general-education-courses/). Note: Must be in at least 2 areas. 	<ul style="list-style-type: none"> • Non-science requirement: 12 credits total from non-science courses. See list of eligible courses (https://www.yorku.ca/science/my-degree/program-requirements/choosing-non-science-general-education-courses/). Note: ES/ENVS 1000 6.0 is recommended for students interested in taking environmental studies courses (note: the Faculty of Environmental Sciences is now the Faculty of Environment & Urban Change and the course is EU/ENVS 1000) Note: Must be in at least 2 areas.
	<ul style="list-style-type: none"> • Mathematics: 6 credits total. Must be from: <ul style="list-style-type: none"> • SC/MATH 1505 6.00 • Or 6 credits total from: <ul style="list-style-type: none"> • SC/MATH 1506 3.00, SC/MATH 1507 3.00, SC/MATH 1013 3.00, SC/MATH 1014 3.00, SC/MATH 1014 3.00 • Computer Science: 3 credits total. Must be from one of the following: <ul style="list-style-type: none"> • LE/EECS 1520 3.00, LE/EECS 1530 3.00, LE/EECS 1540 3.00 	
	<ul style="list-style-type: none"> • Foundational Science: 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"> • (SC/CHEM 1000 3.00 and SC/CHEM 1001 3.00)* • 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"> • (SC/PHYS 1411 3.00 and SC/PHYS 1412 3.00) or • (SC/PHYS 1421 3.00 and SC/PHYS 1422 3.00) or • (SC/PHYS 1011 3.00 and SC/PHYS 1012 3.00) or • (SC/ISCI 1301 3.00 and SC/ISCI 1302 3.00) or • Note: *CHEM 1000/1001 are prerequisites for BIOL 2020 and CHEM 2020 and are advised! 	
B. Major Requirements	<p>Program Core: 24 credits total. Must include the following:</p> <ol style="list-style-type: none"> 1. SC/BIOL 1000 3.00 and SC/BIOL 1001 3.00 (or SC/BIOL 1010 6.00); 2. Lab requirement: SC/BIOL 2070 3.00 or all of (SC/BIOL 2010 4.00 and SC/BIOL 2030 4.00, and SC/BIOL 2050 4.00). 3. Additional courses from the following for a total of at least 18 2000-level credits: <ul style="list-style-type: none"> • SC/BIOL 2010 4.00 • SC/BIOL 2020 3.00 • SC/BIOL 2021 3.00 • SC/BIOL 2030 4.00 • SC/BIOL 2040 3.00 • SC/BIOL 2050 4.00 • SC/BIOL 2060 3.00 • SC/BIOL 2070 3.00 • both SC/CHEM 2020 3.00 and SC/CHEM 2021 3.00. <p>Note: Together SC/CHEM 2020 3.00 and SC/CHEM 2021 3.00 may replace one of these three 4-credit biology courses: SC/BIOL 2010 4.0 or SC/BIOL 2030 4.0 or SC/BIOL 2050 4.0. Please check pre-requisites, as these CHEM courses will not replace BIOL pre-requisites.</p>	<p>Program Core: 35-36 credits total. Must include the following:</p> <ol style="list-style-type: none"> 1. SC/BIOL 1000 3.00 and SC/BIOL 1001 3.00 (or SC/BIOL 1010 6.00); 2. SC/ENVB 2050 4.00 and SC/BIOL 2060 3.00 3. Lab requirement: SC/BIOL 2070 3.00 or both (SC/BIOL 2010 4.00 and SC/BIOL 2030 4.00). 4. Additional courses from the following for a total of at least 18 2000-level credits: <ul style="list-style-type: none"> • SC/BIOL 2010 4.00 • SC/BIOL 2020 3.00 • SC/BIOL 2021 3.00 • SC/BIOL 2030 4.00 • SC/BIOL 2040 3.00 • SC/BIOL 2050 4.00 • SC/BIOL 2060 3.00 • SC/BIOL 2070 3.00 • both SC/CHEM 2020 3.00 and SC/CHEM 2021 3.00 5. 3rd year: SC/ENVB 3170 3.00 and either: SC/ENVB 3001 2.00 or SC/ENVB 3001 3.00 (SC/ENVB 3170 3.00 can be replaced by SC/ENVB 3171 3.00) 6. 4th year: SC/ENVB 4245 3.00 and SC/BIOL 4255 3.00 <p>Note: Together SC/CHEM 2020 3.00 and SC/CHEM 2021 3.00 may replace one of these three 4-credit biology courses: SC/BIOL 2010 4.0 or SC/BIOL 2030 4.0. Please check pre-requisites, as these CHEM courses will not replace BIOL pre-requisites.</p>
	<p>Upper-level Biology credits: Must include the following:</p> <ol style="list-style-type: none"> 1. Additional credits from any SC/BIOL courses for a total of at least 46 credits from Biology courses. <p>NOTE: <u>You must complete at least 12 SC/BIOL credits at the 3000-level or above</u></p>	<p>Upper-level Credits: Must include the following:</p> <ol style="list-style-type: none"> 1. Additional credits from the following course list for a total of at least 42 credits from SC/ENVB and SC/BIOL courses, including at least 12 credits at the 3000-level or above: SC/ENVB 3002 2.00, SC/ENVB 3002 3.00, SC/BIOL 3150 4.00, SC/BIOL 3200 3.00, SC/ENVB 3250 4.00, SC/ENVB 3170 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 4245 3.00, SC/ENVB 4250 3.00, SC/BIOL 4255 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; 2. SC/GEOG 1400 6.0
C. Science Breadth	<p>24 credits in science disciplines outside the major, of which 3 credits must be at the 2000 level or above.</p> <p>NOTE: 15 of these 24 credits are satisfied by the General Education requirement. You require 9 additional Science Breadth courses (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>NOTE: 21 of these 24 credits are satisfied by the above requirements (General Education + GEOG 1400 6.0). You require 3 additional Science Breadth courses (e.g., Any SC/ course that is NOT your major).</p>
D. Upper-Level	A minimum of 18 credits (any discipline) must be completed at the 3000 level or above.	
E. Additional Elective Credits	Additional elective credits as required, for an overall total of at least 90 credits.	
F. Standing Requirements	Minimum overall GPA of 4.00 (C) is required to be eligible to graduate with a BSc degree (Bachelor program).	