

Each specified course or blank space on this form represents 3 credit hours.

updated Sep 2022

**First Year: 30 credit hours**

Some 1000-level requirements may be deferred to later years if they are not prerequisites for subsequent courses.

- |                                                                    |                                                                    |                                                                                                          |
|--------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> BIOL 1010 or BIOL 1020 (C <sup>1a</sup> ) | <input type="checkbox"/> BIOL 1011 or BIOL 1021 (C <sup>1b</sup> ) | Life/Physical Sciences                                                                                   |
| <input type="checkbox"/> CHEM 1011 <sup>2</sup>                    | <input type="checkbox"/> CHEM 1012 <sup>2</sup>                    | Life/Physical Sciences                                                                                   |
| <input type="checkbox"/> ASSC 1300 <sup>3</sup> (if taken)         | <input type="checkbox"/> ASSC 1400 <sup>3</sup> (if taken)         | If not taken, substitute another course.                                                                 |
| _____                                                              | _____                                                              | <input type="checkbox"/> WC <sup>4</sup> Lang./Hum. <input type="checkbox"/> WC <sup>4</sup> Social Sci. |
| _____                                                              | _____                                                              | Language <sup>5</sup>                                                                                    |

- <sup>1a</sup>Minimum grade required to take BIOL 2004, BIOL 2020, BIOL 2030, & BIOL 2040. <sup>1b</sup>Minimum grade required to take BIOL 2003, BIOL 2004, & BIOL 2060.
- <sup>2</sup>Recommended (but not prerequisites) for BIOL 2020 (Cell Biology) and BIOL 2030 (Genetics and Molecular Biology). Required for the degree.
- <sup>3</sup>Effective Fall 2022, at least one of ASSC 1300 and ASSC 1400 is required of all BA students within their first 30 credit hours; both courses are recommended. If these courses aren't taken in the first year, a waiver may be required; contact scieasst@dal.ca for guidance.
- <sup>4</sup>Writing Course; 6 credit hours required. The Writing Course may be used to satisfy one of the subject groupings. **The subject grouping requirement that is not met by the chosen Writing Course must be met in a subsequent year** (see below). SCIE 1111 is recommended for BIOL 2040 (Evolution), and if taken counts as an elective but not a Writing Course for BA students.
- <sup>5</sup>Normally 6 credit hours in one subject; advanced courses may be substituted. See General Degree Requirements in the undergraduate calendar.
- MATH/STAT 1060 (or STAA 2000; Ag Campus) is a pre-requisite for BIOL 2060 (Introductory Ecology), and if taken counts as an elective (below). If BIOL 2060 is not taken, MATH/STAT 1060 is not required.
- No more than 18 credit hours may be in a single subject in the first year.

**Subsequent Years: 90 credit hours**

at least 72 credit hours must be above the 1000 level

**BIOL courses (including BIOL-equivalents\*)**

- BIOL 2020 (Cell Biology; F/W\*\*) \_\_\_\_\_
- BIOL 2030 (Genetics and Molec. Bio.; F/W) \_\_\_\_\_
- BIOL 2040 (Evolution; F/W) \_\_\_\_\_
- BIOL 2003/2004/2060 \_\_\_\_\_
- BIOL 2003/2004/2060 \_\_\_\_\_

A double major in Biology and Marine Biology is not offered. Consult calendar for eligible 2<sup>nd</sup> major subjects.

Choose at least two of BIOL 2003 (Animal Diversity; F), BIOL 2004 (Diversity of Plants and Microorganisms; W), and BIOL 2060 (Introductory Ecology; F/W).

← additional BIOL course required

18 credit hours at the 3000+ level in both major subjects; for a list of BIOL-equivalent courses, see the Biology section of the undergraduate calendar.

For students starting prior to Fall 2019, 12 credit hours at the 3000+ level in both major subjects are required.

**2<sup>nd</sup> major courses**

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**Electives (any subject including BIOL or 2<sup>nd</sup> major)**

- MATH/STAT 1060 (if taken) \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Another course may be substituted for MATH/STAT 1060. Maximum 48 credit hours in either major subject. Minor(s) may be added; choose 18-27 credit hours at the 2000+ level (may require exceeding 120 credit hours in total).

**Electives (any subject except BIOL or 2<sup>nd</sup> major)**

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6 credit hours in a subject grouping; a single subject is recommended (see Note 5 above).

\*Courses with biology emphasis from other departments that can count as BIOL courses.

\*\* F/W courses are offered in both Fall and Winter, F courses are offered in Fall only, and W courses are offered in Winter only.

This form is intended as a guide only. Please check the Dalhousie Undergraduate Calendar at [academiccalendar.dal.ca](http://academiccalendar.dal.ca) for complete academic regulations and degree requirements. Students can access the Degree Audit Reporting System (DARS) via DalOnline.