

# FACULTY OF SCIENCE

## First-Year Bachelor of Science (BSc) Course Planning Worksheet

2024-2025 Academic Year

The guide below can be used to assist you with your first-year course selection. Use the table below, the [academic timetable](#) and the schedule worksheet to build your schedule. It is recommended you schedule your required courses first, and then choose electives based on your interests and future goals. The Course Planning Worksheet is meant as a reflective tool to help you plan out your courses. It does not include all possible options. For complete program requirements, see the Dalhousie Academic Calendar at [www.dal.ca/calendar](http://www.dal.ca/calendar) or ask your advisor.

### RECOMMENDED FIRST-YEAR COURSES, BY *INTENDED MAJOR*

#### ACTUARIAL SCIENCE (ACSC)

- MATH 1000 & 1010
- STAT 1060
- MATH 1030
- ECON 1101 & 1102
- WRITING REQUIREMENT
- ELECTIVES

#### BIOCHEMISTRY & MOLECULAR BIOLOGY (BIOC)

- BIOL 1010 & 1011\*
- CHEM 1011 & 1012
- MATH 1000 **or** 1215
- MATH 1010 **or** STAT 1060
- WRITING REQUIREMENT
- ELECTIVES

#### BIOLOGY (BIOL)

- BIOL 1010 & 1011\*
- CHEM 1011 & 1012
- STAT 1060
- **One of:** MATH 1215, 1000, 1030, **or** 2000-level STAT
- WRITING REQUIREMENT
- ELECTIVES

#### CHEMISTRY (CHEM)

- CHEM 1011 & 1012
- PHYC 1190 & 1290, **or** 1310 & 1320
- MATH 1000 & 1010
- WRITING REQUIREMENT
- ELECTIVES

#### EARTH SCIENCE/GEOLOGY (ERTH)

- ERTH 1080 & 1090 (or 1091)
- CHEM 1011 & 1012
- MATH 1000 (recommended (**or** 1215))
- MATH 1010 **or** 1030 **or** STAT 1060
- PHYC 1190 & 1290 (recommended)
- WRITING REQUIREMENT

#### ECONOMICS (ECON)

- ECON 1101 & 1102
- MATH 1000 & 1010
- MATH 1030
- STAT 1060 **or** 2060
- WRITING REQUIREMENT
- ELECTIVES (BA requirements differ)

#### ENVIRONMENTAL SCIENCE (ENVS)

- ENVS 1100 & 1200
- BIOL 1010 (or 1020)
- MATH 1215 (**or** 1000)
- STAT 1060
- CHEM 1011 & 1012
- ERTH 1080
- WRITING REQUIREMENT

#### MARINE BIOLOGY (MARI)

- BIOL 1010 & 1011\*
- CHEM 1011 & 1012
- MATH 1215 **or** 1000 **or** 1030
- STAT 1060
- WRITING REQUIREMENT
- ELECTIVES

#### MATHEMATICS (MATH)

- MATH 1000 & 1010
- MATH 1030
- MATH 2110 (recommended)
- WRITING REQUIREMENT
- ELECTIVES

#### MICROBIOLOGY/IMMUNOLOGY (MICI)

- BIOL 1010 & 1011\*
- CHEM 1011 & 1012
- MATH 1000 **or** 1215
- MATH 1010 **or** STAT 1060
- WRITING REQUIREMENT
- ELECTIVES

#### NEUROSCIENCE (NESC)

- PSYO 1011 & 1012\*\*
- BIOL 1010 & 1011\*
- CHEM 1011 & 1012
- MATH 1215 **and** STAT 1060
- WRITING REQUIREMENT

#### OCEAN SCIENCES (OCEA)

- PHYC 1190 & 1290 **or** 1310 & 1320
- MATH 1000 & 1010
- STAT 1060
- **Pick 2 of:**  
CHEM 1011 & 1012, **or**  
BIOL 1010 & 1011\*, **or**  
ERTH 1080 & 1090
- WRITING OR ELECTIVE COURSE

#### PHYSICS AND ATMOS. SCIENCE (PHYC)

- PHYC 1190 & 1290\*\*\*
- CHEM 1011 & 1012
- MATH 1000 & 1010
- MATH 1030
- WRITING REQUIREMENT
- ELECTIVES

#### PSYCHOLOGY (PSYO)

- PSYO 1011 & 1012\*\*
- STAT 1060 & STAT 2080, **or**  
MATH 1215 & STAT 1060
- WRITING REQUIREMENT
- ELECTIVES

#### STATISTICS (STAT)

- MATH 1000 & 1010
- STAT 1060 & 2080
- MATH 1030
- WRITING REQUIREMENT
- ELECTIVES

\*OR BIOL 1020 & BIOL 1021

\*\*OR PSYO 1031 & PSYO 1032

\*\*\*OR PHYC 1310 & PHYC 1320

**TIP:** First year BSc students may take a maximum of 30 credit hours over Fall and Winter - this is usually 5 courses each term. Students may choose to register in fewer courses, depending on anticipated academic workload and other commitments (but please check **any scholarship or student loan conditions**).



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## SCIENCE SUBJECTS

My First Year Course Selection	Fall	Winter
Science subject:		
Science subject:		
Math/Statistics:		
Writing courses:		
Other Science courses or Electives:		
FIGS		

Biochemistry, Biology, Chemistry, Earth Sciences, Economics, Environmental Science, Marine Biology, Mathematics, Microbiology, Neuroscience, Oceanography, Physics, Psychology, Science, Statistics

## CHOOSE A WRITING COURSE

**BSc students must take an approved writing course.** We recommend that most students take writing in first year. Students for whom English is a second language may wish to defer their writing course until second year. BSc students may fulfill the writing requirement by choosing 6 credit hours in the same subject from the **list below** or by taking **Science 1111.03**.

- **Oceanography:** OCEA 1001.03 and OCEA 1002.03
- **Science:** SCIE 1111.03
- **History:** HIST 1510.06 (single term); or 1022.03 and 1023.03
- **Political Science:** POLI 1001.03 and 1002.03
- **Sustainability:** SUST 1000.06 (single term)
- **Journalism:** JOUR 1002.03 and 1003.03
- **English:** ENGL 1030.06 (single term); **OR any 2 of:** ENGL 1005.03, 1015.03, 1025.03, 1040.03, 1050.03, 1100.03
- **Creative Writing:** CRWR 1030.06 (single term)
- **German:** GERM 1026.03 and 1027.03
- **Performance:** PERF 1000.03 and **1 of** 1001.03 or 1002.03
- **Philosophy:** PHIL1810.03 and 1820.03
- **Russian Studies:** RUSN 1020.03 and 1070.03

## CHOOSE YOUR MATH COURSES

Before graduation, BSc students must complete **6 credit hours of approved MATH or STAT courses**. First year recommendations for students considering the following programs:

- **MATH 1000** Actuarial Science, Biochemistry, Chemistry, Earth Sciences, Economics, Ocean Sciences, Mathematics, Statistics
- **MATH 1010** Actuarial Science, Chemistry, Earth Sciences, Economics, Ocean Sciences, Mathematics, Statistics
- **MATH 1215** Biology, Environmental Science, Marine Biology, Microbiology, Neuroscience, Psychology
- **MATH 1030** Actuarial Science, Economics, Mathematics, Physics, Statistics
- **STAT 1060** Actuarial Science, Biology, Economics, Environmental Science, Marine Biology, Neuroscience, Psychology

## CHOOSE YOUR ELECTIVES

Before graduation BSc students must complete **6 credit hours from each of the Social Sciences and Language/Humanities Subject Groupings** below. It is recommended that some of these credit hours be taken in first year. (*Your writing course may fulfill one of these Subject Groupings requirements.*)

### SOCIAL SCIENCES Subject Grouping for BSc

Black and African Diaspora Studies, Canadian Studies, Contemporary Studies, Early Modern Studies, European Studies, Economics, Gender and Women's Studies, History, History of Science and Technology, Indigenous Studies, International Development Studies, Law, Justice and Society, Political Science, Psychology, Sociology and Social Anthropology, Sustainability

### LANGUAGE/HUMANITIES Subject Grouping for BSc

Arabic, Black and African Diaspora Studies, Canadian Studies, Chinese (Mandarin), Cinema and Media Studies, Classics, Comparative Religion, Contemporary Studies, Creative Writing, Early Modern Studies, English, European Studies, French, Gender & Women's Studies, German, Greek, History, History of Science and Technology, Indigenous Studies, Italian, Latin, Music, Performance, Philosophy, Religious Studies, Russian, Spanish, Theatre.

## JOIN A FIRST-YEAR INTEREST GROUP - FIGS

A First-Year Interest Group, or FIG, is a great opportunity to meet other first-year students with similar interests or goals. Led by senior students, each group will meet once a week during the fall term to explore interests, build connections, and learn tips for success at university! Visit [our first year page](#) for information about what FIGS are being offered or ask your Advisor for details.



## FACULTY OF SCIENCE

### First year Bachelor of Science Course Planning Worksheet

2024-2025 Academic Year

#### Find Courses and Build your Schedule

1. Go to the [Academic Timetable](https://dal.ca/timetable) (dal.ca/timetable).
2. On the Academic Timetable, you can select the Term and Location; it is recommended to review course offerings one term (fall or winter) at a time.
3. Select the subject from the subject drop-down list; note that courses are listed by subject, not program or degree.
4. Find the course required (e.g. BIOL1010) and record the CRN number for one of the lecture (Lec) sections and add the time to the blank schedule. You can click the button next to the course title to see the course description.
  - a. The CRN is a unique five-digit code (e.g. 13789) and each section for a course has a unique CRN that you need to use to register.
5. If applicable, select a tutorial (Tut) and/or lab (Lab) section, record the CRN for each component and add the time to the blank schedule. You must register for one of each of the sections that appear for each course (Lec, Lab, and Tut). Each section is a different colour.
  - a. Not all courses have a lab or tutorial section, e.g. HIST1022.
6. Check the first column for notes such as restrictions (R), or preferred sections for select programs, or any other important information.
7. Repeat finding the CRNs for all courses required for the given term and while recording CRN's in your schedule, be mindful of time conflicts.
8. Once you have found all the CRNs for your courses in the Fall term, repeat the same process for the Winter term.

#### Register for Courses

1. Access [DalOnline](https://dalonline.dal.ca/) (https://dalonline.dal.ca/) and click Web for Students, then click Registration.
2. Select Register for Classes, twice,
3. From the drop-down menu, select your term, starting with 2024/2025 Fall and select Continue.
4. Select Enter CRNs from the option across the top of the screen, do not use the Class Search option.
  - a. Add as many CRN text boxes as needed.
  - b. Type one CRN into each text box, and once complete select Add to Summary.
5. Your tentative schedule will be available in the panel in the bottom left and a summary of your courses can be seen in a panel in the bottom right of the screen.
  - a. In the bottom left panel, confirm your schedule is accurate and that there are no course conflicts.
  - b. In the bottom right panel, next to each pending course, confirm your intended action, generally Web Registered
  - c. Once you have checked everything looks good, select Submit to finalize your course registration.
6. After registering for the Fall term, select a new term and complete the process again for the 2024/2025 Winter term.

If errors occur after submitting CRNs please reach out to the [Registrar's Office](#) or your advisor for clarification and assistance to resolve the issue.

Please refer to [dal.ca/registration](https://dal.ca/registration) for more support on how to read the Academic Timetable and register for courses.



# MY PLAN FOR FALL TERM

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:35					
9:05					
9:35					
10:05					
10:35					
11:05					
11:35					
12:05					
12:35					
13:05					
13:35					
14:05					
14:35					
15:05					
15:35					
16:05					
16:35					
<b>Evening Classes</b>					

<b>Course</b>	<b>Ex. Biology 2030</b>					
Lecture CRN	10241					
Lab CRN	10245					
Tutorial CRN	10255					



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# MY PLAN FOR WINTER TERM

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:35					
9:05					
9:35					
10:05					
10:35					
11:05					
11:35					
12:05					
12:35					
13:05					
13:35					
14:05					
14:35					
15:05					
15:35					
16:05					
16:35					
Evening Classes					

Course	Ex. Biology 2030					
Lecture CRN	10241					
Lab CRN	10245					
Tutorial CRN	10255					



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