

Course Choice Form for Integrated Science - return by email (disp@dal.ca)

Name: _____ Dalhousie ID: _____ Date: _____
e-mail: _____

The Integrated Science Program is an exciting and challenging first year option for BSc students interested in exploring the links among science disciplines and gaining research experience in first year. The core program is taught by a team of professors who provide subject-specific expertise and deliver the integrated content of the program. In the first term, students participate in lectures, laboratories, and field trips that span the disciplines of Biology, Psychology and Statistics. They also study research design, data analysis and interpretation, and scientific writing. The second term has lectures and laboratories in Biology, Psychology and Earth Science, and students conduct a 10-week research project in a host lab, with 2-4 other DISP students.

The core program is restricted to 80 students (SCIE 1506.09 and Phil 1050.03 in the fall, and SCIE 1507.09 in the winter) and delivered in consecutive terms. Students must complete both terms to receive full credit (21 hours total)

In addition to the core program, students take:

- CHEM 1011.03 (Fall) and CHEM 1012.03 (Winter)
- MATH 1215.03 (Winter) **OR** MATH 1000.03 (Fall) and MATH 1010.03 (Winter)

Before choosing your courses

- Read the course descriptions for MATH 1215, MATH 1000, MATH 1010 in the Academic Calendar
- Consult "Course Selection for Integrated Science" for math requirements for specific programs.
- Note that SCIE 1506 Statistics plus one term of either calculus course satisfies the Math requirement for a BSc.

To help us reserve the appropriate number of seats in courses, indicate your selections below. Seats will be reserved in the course sections that fit with the Integrated Science schedule.

1. Chemistry – check **ONE**:

- I will take CHEM 1011 and 1012 I will use IB or AP Chemistry credits instead

2. Math – check **ONE**

- MATH 1000 (fall) and MATH 1010 (winter) - Differential & Integral Calculus I and II
 MATH 1215 (winter) - Life Sciences Calculus
 None – I have IB or AP Math credits which I will use instead of taking Calculus in my first year

Registration in Physics is only permitted **if credit hours do not exceed 18 per term**. If considering a physics major and require physics in first year, please consult Gabrielle Tompkins before you complete this form.

3. Physics – check one

- None - Physics is not required for a degree that I am considering, and I will not take Physics
 None - Physics is required for a degree I am considering but I will take Physics in second year
 None - I have IB or AP Physics credits which I will use instead of taking Physics.
 I intend to Major in Physics and wish to take PHYC 1190 (fall) and PHYC 1290 (winter)
 I wish to take PHYC 1310 (fall) and PHYC (1320) winter and am within 18 credit hours per term
 I wish to take PHYC 1190 (fall) and PHYC 1290 (winter) and am within 18 credit hours per term

- Consult the academic calendar for course descriptions for PHYC 1190/1290 and PHYC 1310/1320.

IB or AP credits for Chemistry, Calculus or Physics may be used to satisfy BSc requirements. Using IB or AP Physics credits in lieu of PHYC 1190/1290 is not recommended for prospective Physics majors. Using IB or AP Chemistry credits is not recommended for students planning to take second year Chemistry courses.