

Co-requisite Course Form for Integrated Science - return by fax (902-494-1123) or email (disp@dal.ca)

Name: _____ Dalhousie ID: _____ Date: _____

Integrated Science students take SCIE 1505.18 and PHIL 1050.03 (Ethics in Science) plus other co-requisites.

Please fill out this form to let us know which of the following first-year science and math co-requisites you plan to take so we can reserve seats in particular sections that fit with the Integrated Science schedule. If it is easier, you can simply send us an email with the four items of information instead of filling out this form.

Integrated within SCIE 1505.18 and PHIL 1050.03 are full-year Biology, Psychology, and Writing courses, and half-year Earth Science, Ethics, and Statistics courses. In addition, one term of Calculus is needed to fulfill the Mathematics requirement for BSc students. Several Calculus options are available. Our students also take CHEM 1011 and 1012, which is required for most BSc majors. Physics is optional but recommended. PHYC 1190/1290 prepares students for degrees in the physical sciences or engineering, is a more rigorous, calculus-based course, and requires Grade 12 Physics. PHYC 1300 (full-year) or PHYC 1310 (half year) is geared for students who intend to pursue degrees in the life-sciences and requires no previous background in Physics if the student has good math skills.

1. Option – Please check the Integrated Science Option in which you would like to register:

A B C

See Choosing an Integrated Science Option for details.

2. Chemistry – please check one:

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

3. Math – please check one (for course descriptions, see the Dalhousie calendar):

- MATH 1000 (fall) and Math 1010 (winter) - Differential and Integral Calculus I and II
- MATH 1000 only (select the term: Fall ____ or Winter ____)
- MATH 1215 (fall only) - Life Sciences Calculus
- MATH 1500 (full year) - The Calculus (more in-depth than MATH 1000/1010)
- None – I have IB or AP Math credits which I will use instead of taking Calculus in my first year

4. Physics – please check one (see class descriptions below, summarized from the Dalhousie calendar):

- PHYC 1300 (fall and winter) – Physics in and Around You (for Life Sciences, parts 1 and 2)
- PHYC 1310 (fall only) – Physics in and Around You (part 1)
- PHYC 1190 (fall) and 1290 (winter) – Intro. to Physics (for Physical Sciences/ Engineering)
- None – I will *not* be taking Physics in my first year. I might take it in later years.
- None – I have IB or AP Physics credits which I will use instead of taking Physics.

Note: Using IB or AP Physics credits in lieu of PHYC 1190/1290 is not recommended for Physics or Engineering majors.