New breadth requirement for students starting at UBC in 2019

Introduction

For students starting a science degree program UBC in 2019 there will be new science breadth requirements for graduation. The Faculty of Science offers courses in seven broad categories:

1. Mathematics
2. Chemistry
3. Physics
4. Life Science
5. Statistics
6. Computer Science
7. Earth & Planetary Science

All students in single-subject honours and majors programs will need at least three credits in 6 out of 7 of these categories to graduate. Those in combined programs (including Biophysics) will need at least three credits in 5 out of 7 of these categories to graduate.

As currently structured our core programs (minus electives) fulfil the following number of categories:

- Honours and Major Physics: 4 out of 6
- Honours Biophysics: 4 out of 5
- Major Astronomy: 4 out of 6
- Combined Honours Physics and Astronomy: 4 out of 5
- Combined Honours Physics and Computer Science: 5 out of 5
- Combined Major Physics and Computer Science: 4 out of 5

In addition, all our students are encouraged to take first-year computer science (CPSC103 or 110), in which case all the programs listed above will fulfil 5 categories.

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1 The UBC calendar is the definitive source for courses that count toward the breadth requirement. As of August 2018, the following course lists were up to date:

- Mathematics: All MATH courses, except MATH 302
- Chemistry: All CHEM courses, except CHEM 100, CHEM 300
- Physics: All PHYS courses, except PHYS 100
- Life Science: All BIOL, BIOC, PSYC (courses numbered from 60 to 89 in the last two digits), and MICB courses, and GEOB 207, except BIOL 140, BIOL 300
- Statistics: BIOL 300, DSCI 100, MATH 302, all STAT
- Computer Science: All CPSC courses
- World Science: All ASTR, ATSC, ENVR, EOSC, GEOB courses except EOSC 111 and GEOB 207