

Academic Information Report - Faculty of Science

STUDENTS

All data in this section are reported based on the fiscal year, which consists of the summer, fall and spring terms. Unless otherwise stated, data are as of the end of the third week of classes each term, except for enrolments in the summer session, which are as of the end of the first week of summer session classes.

1. Applications. A completed application is an application for first choice faculty/program that contains all the items requested by SFU that would allow SFU to evaluate the applicant for admission. Data is sourced from Business Analysis & Assessment (BAA) within Student Services.

2. Admissions. Data is sourced from Business Analysis & Assessment (BAA) within Student Services.

3. Annualized Activity FTE (AFTE) Enrolment.

Undergraduate:

Includes AFTE for each Science department. Also includes AFTE generated in Science (SCI) courses.

Non Co-op AFTE for a course

(# of units) x (# of undergraduate students enrolled) / 30

Co-op AFTE for a course

Each co-op enrolment generates 0.5 AFTE per term

Total Department AFTE

The total AFTE for a department is the sum of the AFTE for the courses (co-op and non co-op) offered by that department.

- o The course department is based on the academic organization associated with each course in goSFU.
- o Some courses are reported under an alternate department to reflect arrangements regarding funding and/or administration of the course. These exceptions are based on information provided to IRP by the affected departments.

Notes:

Includes undergraduate student enrolment in graduate level courses.

Excludes graduate students in undergraduate courses and audit enrolments.

Co-op AFTE are normally excluded for reports relating to planning, and included for all other reports.

Changes to definition:

Prior to Summer 2012, undergraduate student enrolments in graduate level courses generated 0.0 AFTE.

From Spring 2007 to Spring 2011, each co-op enrolment generated 0.1 AFTE.

Prior to Spring 2007, co-op enrolments generated 0.0 AFTE.

Graduate:

Includes students in each Science department. Also includes students in special arrangements and the Neuroscience Graduate Certificate.

Non Co-op AFTE

The calculation is based on the type of tuition charged for a graduate student's program.

1. Term fee programs, full fee
(# of graduate students) / 3
2. Term fee programs, continuing fee
(# of graduate students) / 6
3. Students enrolled only in a graduate certificate program
(Total units taken by graduate students) / 18

Academic Information Report - Faculty of Science

4. Unit fee programs (excluding #3 above)
(Total units taken by graduate students) / 24

Total non co-op graduate AFTE for a term
Sum of the four tuition type groups above

Co-op AFTE

Each co-op enrolment generates 1/3 AFTE per term.

Total Department AFTE

The total AFTE for a department is the sum of the co-op and non co-op AFTE generated by students enrolled in academic programs offered by that department. A student registered in programs in more than one department is split between the departments.

Notes:

AFTE for students in unit fee programs include enrolment in undergraduate program courses.
Excludes undergraduate students in graduate courses, audit enrolments and on-leave students.
Co-op AFTE are normally excluded for reports relating to planning, and included for all other reports.

Changes to definition:

Prior to Summer 2011, there was no separation of non co-op and co-op AFTE. All AFTE were calculated using the formulas listed above for non co-op AFTE. As most co-op courses were 0 units, co-op enrolments by students in unit fee programs typically generated 0.0 AFTE.

Source: IRP – undergraduate AFTE database, graduate AFTE/PFTE database.

4. Program FTE (PFTE).

Undergraduate:

Non Co-op PFTE for a student

The calculation is based on the number of units.
(# of units taken by the student) / (annual undergraduate full-time load)

The definition of annual full-time load is 30 units for most programs.

Exceptions are:

- Engineering Science,

Academic Information Report - Faculty of Science

Changes to definition:

Prior to Summer 2017, the annual full-time load for thesis students in ENSC 498 and 499 was 12 units.

From Spring 2007 to Spring 2011, each co-op enrolment generated 0.1 PFTE.

Prior to Spring 2007, co-op enrolments generated 0.0 PFTE.

Graduate:

Non Co-op PFTE

The calculation is based on a student's status as full-time or part-time, as defined by the Ministry.

1. Full-time students
(# of graduate students) / 3
2. Part-time students
(# of graduate students) / 9

Total non-co-op graduate PFTE for a term
Sum of the full-time and part-time students above

Co-op PFTE

Each co-op enrolment generates 1/3 PFTE per term.

Includes students in each Science department. Also includes students in special arrangements and the Neuroscience Graduate Certificate.

~~CONFIDENTIAL~~

Academic Information Report - Faculty of Science

(completion term). Registration data are taken at the official reporting date (generally end-of-week-3) each term. Where possible, faculty is adjusted to current faculty structure. *Source: IRP.*

- 12. Time to Baccalaureate Degree Completion.** Includes students completing their first SFU undergraduate degree. Time to completion is measured as the number of terms that pass from first undergraduate SFU admission to completion (inclusive), including non-registration terms. Students are assigned to departments and faculties based on their programs and major-level plans at graduation. Students may belong to more than one department or faculty. Data are grouped by fiscal year of convocation. Analysis is restricted to students admitted since 1990, who were in an undergraduate degree program in their first term (at official reporting dates). *Source: IRP.*
- 13. Time to Graduate Degree Completion.** The number of terms to complete the degree is a simple count of the terms from program start to graduation, including terms of non-

Academic Information Report - Faculty of Science

based on completion term, not convocation date). For example, undergraduate degree students who were admitted in Fall of 2018 (1187) into the Faculty of Science will count as “retained to year 2” if they either registered again (in an undergraduate degree program in any faculty) in Fall 2019 (1197), Spring 2020 (1201) or Summer 2020 (1204), OR graduated with an SFU undergraduate degree from any faculty by the end of Summer 2020 (completion term). Registration data are taken at the official reporting date (generally end-of-week-3) each term. Where possible, faculty is adjusted to current faculty structure. *Source: IRP.*

- 17. Undergraduate Retention Rate: Year 1 to Year 3 (by Admission Year).** The methodology is the same for each year, but using 2018/19 as an example: the cohort for each faculty consists of all new

Academic Information Report - Faculty of Science

21. Full-Time Teaching Equivalent Resources. One full

Academic Information Report - Faculty of Science

BIBLIOMETRICS

- 26. Publications.** Publication data is sourced from Scopus. Publication numbers are aggregated by year for all publications for faculty members associated with a faculty/department in each year. Publications are only counted once.
- 27. Authors.** Authors is the number of faculty members whose publications are counted in a faculty/department in a given year.
-

Academic Information Report - Faculty of Science

Data is sourced from Business Analysis & Assessment (BAA) within Student Services.

33. Teaching and Research Assistant Employment Income. Data is sourced from SFU Payroll. Teaching Assistants are those individuals in the Teaching Support Staff Union (union code 600) and Research Assistants are those in the Research union (union code 700). Employment income are amounts associated with