

Academic Information Report - School of Computing 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. Annualized Activity FTE (AFTE) Enrolment.

Undergraduate:

Includes AFTE generated in Computing Science (CMPT) courses, as well as Chinese (CHIN) 180, 181, 182, 190, 191, 280, 281, 290 and 291, and Mathematics and Computing Science (MACM) 101 and 300. Prior to 2014/15, also included AFTE generated in Dual Degree Program (DDP) courses (DDP courses now generate 0 AFTE).

- **Non Co-op AFTE for a course**

$$(\# \text{ of units}) \times (\# \text{ of undergraduate students enrolled}) / 30$$
- **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.

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- **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.

2. Majors and Minors. Undergraduate major and minor figures at the department level represent unique headcounts for the full fiscal year.

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6. Credentials Awarded. The number of credentials awarded by fiscal year, based on the date of convocation. If a student graduates with more than one credential within the same department, that student is counted once under each credential. For Master's degrees, the non-thesis option includes other types of capstones (e.g. project, examination, portfolio, extended essay) as well as non-capstone programs. Honors/Majors includes the following: Computing Science; Geographic Information Science; Mathematics and Computing Science; Software Systems. Undergraduate Certificates includes the following: Computing Studies. Masters includes the following: Big Data; Computing Science.

Source: IRP – credentials awarded database.

7. 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.*

8. 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-registration. For students who transferred from a diploma to a Master's or from a Master's to a Doctoral program within the same department, the time to completion is calculated based on entry into the first program. For students who transferred from a different program, the time to completion is based on the first term in the new program. Completion year is based on the first term of the new program.

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11. Graduate Retention Statistics (by year of Admission to Program). Data excludes students who withdrew from their programs before the end of the third week of classes of their first term. Early withdrawals are students who withdrew from their program after the third week of classes of their first term and before completing their second term. Withdrawals include students who transferred to another program at SFU, except students who transferred from a Master's to a Doctoral program within the same department, who are only reported under the Doctoral program. Percentages may not add up to 100% due to students who withdraw or complete in more than the specified number of years (6 for Master's, 8 for Doctorates). Data is reported based on elapsed time since starting the program, including terms of non-registration. Metrics based on data with less than five students is masked for privacy and/or identification reasons. Includes students in the following programs: Big Data; Computing Science.

Source: IRP – graduate retention database.

INSTRUCTIONAL RESOURCES

12. FTE Continuing Faculty Line (CFL). CFL faculty includes continuing research faculty (i.e. professors, associate professors, assistant professors, and instructors), continuing teaching faculty (i.e. university lecturers, senior lecturers, lecturers, and lab instructors), continuing grant tenure faculty, and continuing practitioner faculty. Academic positions of Deans, VPs and the President are excluded. CFL on 100% long-term disability are excluded. FTE data is as of March 31st of each year.

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level. Contact hours delivered in directed studies courses are excluded. TA base units were derived from snapshots of MyINFO data one point in time in each term in the fiscal year and derived from standard hours entered into the system for the TA, the position entry date, and the expected end date. The department to which TA base units are allocated is determined by the department entered on the TA appointment form, which in some cases may be the Dean's Office, in which case the TA base units would be included in the Faculty total. [Includes TA's teaching CMPT and MACM 101 course sections.](#) *Source: MyINFO.*

INSTRUCTIONAL DELIVERY

- 16. Number of Course Sections Taught.** Only sections at the primary (.00) section level are included. Excludes directed studies, distance education, open labs, practicum/co-op, thesis, independent study, capstone, internship sections. Courses taught together (i.e. concurrent) are counted as one section. The section level is determined by the course section with the higher enrolment. [Includes CMPT and MACM 101 course sections.](#) *Source: IRP - IAA Database.*
- 17. % of Course Sections Taught by CFL.** This table looks at the proportion of sections reported in Table 16 that are taught by CFL. If a course section is taught by both a CFL and a non-CFL instructor, the section is counted as a CFL instructor section. [Includes CMPT and MACM 101 course sections taught by CFL or Lab Instructors.](#) *Source: IRP - IAA Database.*
- 18. Average Class Size.** The average class size is calculated from course sections at the primary (.00) section level (i.e. those sections reported in Table 16). This calculation excludes directed studies, distance education, open labs, practicum/co-op, thesis, independent study, capstone, internship sections. For courses taught together, enrolment in the sections are combined and the section level is determined by the course section with the higher enrolment. [Includes CMPT and MACM 101 course sections.](#) *Source: IRP - IAA Database.*

BIBLIOMETRICS

- 19. Publications.** 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. *Source: Scopus.*
- 20. Authors.** Authors is the number of faculty members whose publications are counted in a faculty/department in a given year.

STAFF AND FINANCE

- 21. FTE Support Staff in Academic Units.** FTE filled positions of continuing staff as at March 31st. *Source: IRP – Faculty and Staff Renewal Planning Database.*
- 22. Academic Expenditures.** *Source: Extracts from Peoplesoft FINS system as of March 31st of each fiscal*

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