

## Academic Information Report - Department of Chemistry

### 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 the following courses: Chemistry (CHEM); Nuclear Science (NUSC).

- **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.
  - The course department is based on the academic organization associated with each course in goSFU.
  - 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:

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

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  - 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.

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- **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. Includes students registered in a major or minor for at least one of the three terms in the fiscal year. Students registered in both a major and minor in the same year are only reported under major. Majors include approved honors, joint honors, majors and joint majors. Minors include minors and extended minors in the following: Chemistry; Environmental Chemistry; Nuclear Science.

*Source: IRP – undergraduate plan database (plan\_db), oasis2.*

**3. Annualized Graduate Headcount.** The annualized graduate headcount is the sum of graduate students in the summer, fall and spring terms divided by three. Since headcounts are calculated this way, headcounts may be fractional. A Special student is a person who has at least a Bachelor's degree.

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other types of capstones (e.g. project, examination, portfolio, extended essay) as well as non-capstone programs. Minors/Extended Minors includes the following: Chemistry; Environmental Chemistry; Nuclear 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 fiscal year in which the degree was awarded. 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. *Source: IRP – graduate retention database.*
- 9. Average Grade Awarded for Undergraduate Courses.** The average grade awarded in undergraduate courses. The average only includes grades with a numeric equivalent (A+ to F/FD/N). Co-op courses and courses graded on a pass/fail basis (where they could be identified) have been excluded. Separated by fiscal year and division: "lower division" courses are those numbered from XX1 to 299, inclusive; "upper division" courses are numbered 300 to 499, inclusive. Grouping is based on the department/faculty of the course, not of the student. Course grades are mapped to a department based on the subject-faculty combination. Grades data are as of July 2, 2024. *Source: IRP.*
- 10. Percent P/CR:** Percentage P/CR grades awarded in undergraduate courses. This is the percentage of awarded grades that were "P" or "CR", selected by students under various temporary grading policies implemented in response to the COVID-19 pandemic and the Fall 2023 TSSU strike. So far, these policies have been in place in Spring 2020, and in all terms from Spring 2021 through Fall 2023, inclusive. The numerator is the number of "P" and "CR" grades awarded under these policies; the denominator is all awarded P/CR/NC grades (under these policies) plus all awarded grades with a numeric equivalent (A+ to F/FD/N). The Spring 2020 data is an approximation, since the reason for a P grade was not recorded that term. Co-op courses and courses graded on a pass/fail basis (where they could be identified) have been excluded. Separated by fiscal year and division: "lower division" courses are those numbered from XX1 to 299, inclusive; "upper division" courses are numbered 300 to 499, inclusive. Grouping is based on the department/faculty of the course, not of the student. Course grades are mapped to a department based on the subject-faculty combination. Grades data are as of July 2, 2024. *Source: IRP.*
- 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

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years (6 for Master's, 8 for Doctorates).

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**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. Consists of CHEM and NUSC courses including primary labs not designated by .00. Source: IRP - IAA Database.

**17. % of Course Sections Taught by CFL.** This table looks at the proportion of sections reported in Table

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**24. Research Grants and Contracts.** External sources include national granting councils, federal government departments, B.C. government departments and agencies, Canadian firms, foundations and individuals, and U.S. and other foreign agencies. Internal sources include operating budget, endowment funds and donations. *Source: VPRI.*

### RATIOS

- a. **AFTE Enrolment / Filled FTE CFL.** See notes for Tables 1 and 13
- b. **AFTE Enrolment / FTTE.** See notes for Tables 1 and 14.
- c. **Instructional Activity Delivered by CFL.** Instructional activity delivered by CFL is the sum of the following: undergraduate non co-op AFTEs taught by CFL and graduate non co-op PFTEs. This is based on the Faculty Renewal Plan. Note that for undergraduate non co-op AFTEs taught by CFL, Faculty Associates within the Faculty of Education are considered CFL as well as for instructors for courses related to the Indigenous Language Program within the Faculty of Arts and Social Sciences.
- d. **Instructional Activity Delivered by CFL / Filled FTE CFL.** See notes for c. and Table 12 above.
- e. **FTE Support Staff in Academic Units / FTTE.** See notes for Tables 21 and 14.
- f. **CFL FTE / FTTE.** See notes for Tables 12 and 14.
- g. **Academic Expenditures / AFTE Enrolment.** See notes for Tables 22 and 1.
- h. **Original Budget / AFTE Enrolment.** See notes for Tables 23 and 1.
- i. **Normalized Budget / AFTE Enrolment.** See notes for Tables 23 and 1.
- j. **Research Grants and Contracts / FTE CFL.** See notes for Tables 24 and 11.
- k. **Research Grants and Contracts / Tenure Track FTE.** See notes for Table 24, and 15 (Tenure Track Faculty consist of Professors, Associate Professors, Assistant Professors, and Instructors).