

Chemistry

Program Overview

Langara's [Chemistry Department](#) offers an [Associate Degree in Science](#), which is designed primarily to help students transfer into their 3rd year of university and tries to replicate the courses a model chemistry major would take at SFU or UBC. The department also offers a [Diploma Program](#) designed to provide more flexibility for students who don't necessarily want to complete a Bachelor's degree. Chemistry department courses range from the introductory level through to 2nd-year university transfer, including analytical, organic, inorganic and physical chemistry.

Self-Study

Chemistry launched its program review in academic year 2023/24 with a Self-Study. The primary Self-Study writer was J. Todd Stuckless, Department Chair of Chemistry. Additional support was provided by:

- Nora Franzova (Division Chair, Mathematics and Science)
- Gerda Krause (Dean, Faculty of Science)
- Sunita Wiebe (Director, Office of Academic Quality Assurance)
- Roshni Riar (Department Assistant, Office of Academic Quality Assurance)
- Pennie Poon (Manager, Office of Academic Quality Assurance)
- Institutional Research analysts

Data sources for the Self-Study included:

- Institutional Research-compiled student administrative data (*e.g.*, headcounts, retention, satisfaction)
- Student survey
- Alumni survey
- Faculty survey

The Self-Study was completed in January 2023.

External Review

Chemistry's external review took place on February 21st, 2023. The External Review Team consisted of:

- Ryan Cawsey, Department Chair, Kinesiology, Langara College (External Review Chair)
- Dr. Paul O'Connor, Instructor, Department of Chemistry, Douglas College
- Dr. Jose R. Rodriguez Nunez, Associate Professor of Teaching, Department of Chemistry, University of British Columbia

Action Plan Goals

In response to the Self-Study and External Review, Chemistry created an Action Plan with these goals:

- Goal 1: Inclusion
- Goal 2: Communication
- Goal 3: Collaboration
- Goal 4: Exploration

Examples of Post-Review Successes

Forthcoming.