

Undergraduate Research Opportunities for Chemistry students

1. Research courses

- a. CHEM 299 (4 h/wk, 1.5 Cr); Completion of CHEM 101.
- b. CHEM 399 (8 h/wk, 1.5 Cr); Completion of 9 Cr in 200-level Chem or 3 Cr in 300-level Chemistry.
- c. CHEM 401/403/499 (12-18 h/wk, 3.0 Cr); Completion of *3 300-level Chem, Chem Hons/Spec/Major. 401/403 = 1 term; 499 = 2 terms, 6 Cr.
- d. Outside of Chemistry. Other advanced research courses (Bio 299/399/490/499; many others).

2. Funded scholarships (Check Dept website for updates)

- a. NSERC USRA. Provides funded positions in research groups in Canada. Applications are through the hosting department. At UofA, deadline is typically first week of **Feb** (May start). Must be Canadian citizen or PR. Identify a sponsor/supervisor Nov-Dec.
<https://www.ualberta.ca/chemistry/undergraduate-program/summer-employment-opportunities/nserc.html>
- b. Alberta Innovates Summer Research Studentships (SRS). Funding for summer positions (May – Aug). Application deadlines ~**Feb**.
https://albertainnovates.ca/funding/summer-research-studentships/#intake_2065
- c. Undergraduate research initiative (URI). Provides funded positions in research groups at UofA campus. Any year, any discipline. Write a proposal. Deadline for applications ~**Feb** (May, Sep, or Jan start).
<https://www.ualberta.ca/current-students/undergraduate-research-initiative/index.html>

3. Exchange/Study Abroad

- a. Inorganic Chemistry Exchange (ICE). Summer positions at Chemistry departments across Canada in Inorganic chemistry. Contact **Dr. Michaelis** for more information. Deadlines **end of Oct**.
<https://www.torontomu.ca/ice/>
- b. RISE-Globalink Research internships. Paid positions with German Academic Exchange Service (DAAD). Call opens **Oct 15 – Nov 30**, projects start May – Jul.
<https://www.mitacs.ca/en/programs/globalink/rise-globalink-research-internship>

4. Internships

- a. Science Internship Program (SIP). Paid internship, typically 1 yr off from coursework. Paid positions. Apply through FoS SIP website.
<https://www.ualberta.ca/science/student-services/internship-careers/index.html>
- b. I-STEAM Pathways. Environmental research internships for indigenous students. Paid internships with UofA research groups. Applications open **Dec** for May project start.
<https://isteam-pathways.ualberta.ca/>
- c. UofA International “Go Abroad”. Various international programs. Deadlines start **Oct – Feb**. See website for applications and other information.
<https://www.ualberta.ca/international/go-abroad/index.html>
- d. International student summer employment program (ISSEP). Helps FT undergraduate international students find employment and experience over the summer. Available positions posted to online job board/CampusBridge.
<https://www.ualberta.ca/career-centre/programs-services/internship-work-experience/iswep.html>
- e. Amgen Scholars. Hosted at UofT, funded summer internship. 2nd-3rd or non-graduating 4th year. Applications **Feb 1, 2024**.
<https://amgenscholars.com/canada-program/>

5. Research groups

- a. PT/FT Paid positions – Varies with each group, inquire with active research groups if they have funded positions available.

Also see:

<https://www.ualberta.ca/chemistry/undergraduate-program/summer-employment-opportunities/index.html>