

CHEMISTRY (PHD)

Programs leading to a Ph.D. degree in Chemistry with areas of emphasis including analytical chemistry, chemical biology, inorganic chemistry, organic chemistry, and physical chemistry.

Description

The Chemistry Ph.D. graduate program features a "Research First" approach with a research-intensive focus for the first year of study. Graduate students have the opportunity to experience research in action by rotating in up to three research groups their first year before choosing a research lab, while also participating in some coursework.

The department is the sole occupant of Hamilton Hall, a modern nine-story building containing research and teaching labs, lecture halls, state-of-the-art research instrumentation, and the Nebraska Center for Mass Spectrometry.

Students are also able to participate in interdisciplinary studies through the University of Nebraska-Lincoln Center for Materials and Nanoscience, the University of Nebraska-Lincoln Center for Biotechnology, the University of Nebraska Center for Environmental Toxicology, and the University of Nebraska Cancer Center. The latter two programs run jointly between the University of Nebraska-Lincoln and the University of Nebraska Medical Center.

Specializations

- Bioinformatics
- Chemistry Teaching at the Postsecondary Level
- Environmental Studies

Program-Related Information

Graduate Chair

Rebecca Lai
402-472-5340
rlai2@unl.edu

Program Website

<https://chem.unl.edu/academics/graduate/>

Applying for Admission

Standard requirements for all graduate programs

- Application for Admission with \$50 non-refundable application fee (<https://graduate.unl.edu/admissions/requirements/#appfee>).
- Transcripts (<https://graduate.unl.edu/admissions/requirements/#transcripts>) (unofficial): Uploaded as part of application form.

If International: Uploads must include all college- or university-level transcripts or mark sheets (records of courses and marks earned), with certificates, diplomas, and degrees plus certified English translations.

After admission: Official documents are required from all students who are admitted and enroll. Photocopies of certified records are not acceptable. International students enrolled in other U.S. institutions may have certified copies of all foreign records sent directly to the Office of Graduate Studies by their current school's registrar office.

- If applicant's native language is not English, verification of English proficiency (<https://graduate.unl.edu/admissions/english-proficiency/>) is required.

When sending TOEFL scores, our institution code is 6877 and a department code is not needed.

- If applicant is not a US citizen and expects an F or J visa: financial information (<https://graduate.unl.edu/prospective/international/financial/>).
- Applicants must also fulfill any additional requirements the department specifies at the time of application.

Additional requirements specific to this program

- Resume/CV
- Personal Statement: Effective personal statements often include information about the applicant's past research experience, their long-term research/career goals, why they are interested in Nebraska Chemistry, information on potential faculty that they may want to work with, explanation of their fit to those research groups, and any other information that the applicant feels will be valuable for the admissions committee to understand why the applicant wants to pursue their graduate degree in the Nebraska Chemistry program.
- Faculty: Identify up to four faculty members you are interested in working with.
- Three recommendation letters.
- Other Upload (optional): You are welcome to upload any additional documents that you would like us to consider. You may wish to include abstracts, publications, documentation of special recognitions or certifications, or other similar supporting information. Provide this as a single PDF file of 10 MB or less. Do not duplicate documents uploaded elsewhere in this application.
- Neither GRE General Test and GRE Subject Test are required.

Admission Application Deadlines

- The priority deadlines for application submission are December 1 for Fall semester and September 15 for Spring semester.

The Department of Chemistry encourages applicants to send all application materials as early as possible and prefers to receive applications by the deadlines listed above but will consider applications received after those dates depending on the availability of assistantships. Early application will increase applicants' opportunities to get into their desired area of study and to be awarded one of the program's premium fellowships.

Requirements

Hours required: 90