Chemistry

Master of Arts
Doctor of Philosophy

For More Information

Campus address: Robert A. Welch Hall (WEL) 3.212, phone (512) 471-4538, campus mail code: A5300

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Facilities for Graduate Work

The University Libraries provide access to key database resources such as SciFinder, Reaxys, and Web of Science, as well as hundreds of electronic scientific journals and thousands of e-books. These resources are available through the University Libraries website. The library also maintains extensive print collections in all areas of chemistry and chemical engineering.

The Department of Chemistry maintains world-class core facilities staffed by experienced scientists. Facilities include NMR, mass spectrometry, x-ray diffraction, scientific glassblowing, and electronics maintenance and design. For further information on our facilities, including specific instrumentation available, visit Department Facilities.

Areas of Study

Graduate study in chemistry is offered in the areas of chemical biology, chemical physics, analytical, inorganic, organic, or physical chemistry. Each of these broad areas encompasses specialized aspects of the subject. Details are available from the chair of the department’s Graduate Admissions Committee.

Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2023 semester.

Eric V Anslyn  
Michael Aubrey  
Carlos R Baiz  
Brian Belardi  
J Thomas Brenna  
Jennifer S Brodbelt  
Cassandra E Callmann  
James R Chelikowsky  
Richard M Crooks  
Ron Elber  
Andrew Ellington  
John B Goodenough  
Graeme Andrew Henkelman  
Kami Hull  
Simon M Humphrey  
Brent L Iverson  
Adrian T Keatinge-Clay  
Benjamin Keith Keitz  
Michael J Krische  
David A Laude  
Xiuling Li  
Yi-Chih Lin  
Hung-Wen Liu  
Yi Lu  
Nathaniel Lynd  
Dmitrii E Makarov  
Delia Milliron  
Charles B Mullins  
Robert W Newberry  
Zachariah Allen Page  
Emily Que  
Hang Ren  
Sean Thomas Roberts  
Michael Rose  
Devleena Samanta  
Livia Schiavinato Eberlin  
Jonathan L Sessler  
Jason B Shear  
Devarajan Thirumalai  
David A Vandenbout  
Lauren J Webb  
Guihua Yu

Admission Requirements

The preliminary training of students seeking a graduate degree in chemistry must include at least 24 semester hours of undergraduate work in chemistry, consisting of 12 or more semester hours of upper-division coursework and at least two courses (including laboratory) in organic chemistry and two in physical chemistry, one in analytical chemistry, and one in inorganic chemistry.