

Biochemistry

*Master of Arts
Doctor of Philosophy*

For More Information

Campus address: Norman Hackerman Building (NHB) 2.606, phone: (512) 471-5105; campus mail code: A6500

Mailing address: The University of Texas at Austin, Graduate Program in Biochemistry, 1 University Station A4810, Austin TX 78712

E-mail: ilsgrad@austin.utexas.edu

URL: www.ils.utexas.edu/biochemistry

Areas of Study

Graduate study in biochemistry is offered in a wide range of areas including mechanisms of drug action; genetics of human disease; metabolic compartmentalization and regulation; structure and function of enzymes, toxins, viruses, ion channels, and receptors; mechanism and regulation of cellular processes; enzymology of DNA repair and replication, transcription, and translation; and computational biology. Additional details are available on the program website and from the graduate advisor.

Graduate Studies Committee

The following faculty members served on the Graduate Studies Committee (GSC) in the spring 2024 semester.

Hal S Alper	Seongmin Lee
Eric V Anslyn	Hung-Wen Liu
Dean R Appling	Yi Lu
Jeffrey E Barrick	Edward M Marcotte
Karen S Browning	Stephen F Martin
Xiaolu Cambronne	Andreas Matouschek
Lydia Maria Contreras	Mikhail V Matz
Richard M Crooks	Jennifer A Maynard
Kevin N Dalby	Jason McLellan
Bryan William Davies	Somshuvra Mukhopadhyay
Daniel James Dickinson	Tanya T Paull
Stephen Carl Ekker	Shelley M Payne
Ron Elber	Pengyu Ren
Andrew Ellington	Susanne Ressler
Ilya J Finkelstein	Rick Russell
George Georgiou	Eric Senning
Marvin L Hackert	Jason B Shear
Rasika M Harshey	David Soloveichik
David W Hoffman	Scott W Stevens
Jon M Huibregtse	Christopher S Sullivan
Brent L Iverson	David William Taylor Jr
Andres Jara-Oseguera	Lauren J Webb
Arlen W Johnson	Christian P Whitman
Kenneth Johnson	Claus O Wilke
Adrian T Keatinge-Clay	Blerta Xhemalce
Alan Lambowitz	Kun Yang
Daniel J Leahy	Yan Zhang

Admission Requirements

Students seeking a graduate degree in biochemistry must have a bachelor's degree or the equivalent in a related area, such as chemistry, biology, physics, or microbiology with the following preparation:

mathematics through one year of calculus; chemistry, including organic chemistry, biochemistry, and physical chemistry; general physics; and biology, including cell biology. Deficiencies in undergraduate courses, if not too extensive, may be corrected during the student's first two semesters in the graduate program. These courses are usually not counted toward graduate degrees.