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