The Department of Chemistry offers a program of study leading to a PhD degree in Chemistry. The PhD degree curriculum in chemistry is designed to 1) provide students with an understanding of chemical principles 2) train students to become independent chemical researchers, 3) teach students how to effectively communicate the results of chemical research, and 4) prepare students to become professional chemists. Upon completion of the PhD program in chemistry students are qualified to obtain jobs as senior scientists in industrial and government labs or as postdoctoral researchers or junior faculty members at academic institutions.

The PhD degree program is designed to ensure that students receive extensive research experience. Opportunities for research are available to graduate students in all areas of modern chemistry including analytical, atmospheric, biological, catalysis, computational, energy, inorganic, materials, nuclear, organic, organometallic, physical and polymer chemistry. Students are trained in state-of-the-art instrumentation facilities, laboratories and shops. In addition to research, graduate students in the Department of Chemistry are required to enroll in chemistry coursework, serve as teaching assistants for at least two semesters, present and attend seminars, and pass a series of cumulative exams.

Chemistry graduate students are generally admitted into the PhD program. However, with approval, a student may pursue a research-based MS degree with thesis.

For further details about programs, faculty, facilities and financial assistance, write to the Graduate Advisor of the Department of Chemistry, or send an email message to gradmail@chem.tamu.edu. Additional information may be found on the departmental website at http://chem.tamu.edu.

**Faculty**

Altemose, Alicia, Lecturer
Chemistry
PHD, Penn State University, 2020

Banerjee, Sarbajit, Professor
Chemistry
PHD, State University of New York at Stony Brook, 2004

Barondeau, David P, Associate Professor
Chemistry
PHD, Texas A&M University, 1996

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Chemistry
PHD, University of California, Berkeley, 1995

Begley, Tadhg P, University Distinguished Professor
Chemistry
PHD, California Institute of Technology, 1983

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Bethel, Ryan D, Senior Lecturer
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PHD, University of Madras, India, 1977

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PHD, University of Wisconsin - Madison, 1971

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Michaudel, Quentin, Assistant Professor
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Chemistry
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Powers, Tamara M, Senior Lecturer
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Rosynek, Michael P, Professor
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Serrano, Catherine M, Lecturer
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Sheldon, Matthew T, Assistant Professor
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Son, Dong H, Professor
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Tabor, Daniel, Assistant Professor
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PHD, University of Wisconsin - Madison, 2016

Waas, Jack R, Senior Lecturer
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Xu, Shiqing, Research Associate Professor
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PHD, Purdue, 2015

Yennello, Sherry J, Professor
Chemistry
PHD, Indiana University, 1990

Zhou, Hongcai J, Professor
Chemistry
PHD, Texas A&M University, 2000

Masters

- Master of Science in Chemistry (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/science/chemistry/ms/)

Doctoral

- Doctor of Philosophy in Chemistry (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/science/chemistry/phd/)