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 fundamental chemical principles; (2) train students to become independent researchers, broadly defined, in the chemical sciences; (3) teach students how to effectively communicate the results of research; and (4) prepare students to become professional scientists and educators. Upon completion of the PhD program in chemistry, students are qualified for a wide range of advanced careers, such as staff scientists/researchers in industrial and government labs, research consultants, science educators, science communicators, or faculty members at academic institutions. This degree can also be a springboard for scientific entrepreneurial opportunities in start-up companies.

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, environmental, green, inorganic, materials, mecanochemical, medicinal, nano, nuclear, organic, organometallic, physical, polymer, surface and supramolecular chemistry, etc. Students are trained in the use state-of-the-art instrumentation, advanced laboratory procedures and protocols, as well as laboratory safety. In addition to research, graduate students in the Department of Chemistry garner essential professional experience through their enrollment in advanced chemistry coursework, by serving as teaching assistants for at least two semesters, and by presenting and attending seminars at the cutting edge of their respective fields.

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

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**

Al-Hashimi, Mohammed, Research Associate Professor
Chemistry
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**Masters**
- Master of Science in Chemistry (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/chemistry/ms/)

**Doctoral**
- Doctor of Philosophy in Chemistry (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/chemistry/phd/)