Program Description

The Master of Science in Chemistry degree program at the University of Texas at Dallas introduces students to advanced concepts in physical chemistry, organic chemistry, inorganic chemistry, analytical techniques and biochemistry. Students work alongside accomplished faculty, learning what it means to engage in laboratory research while developing the kinds of expertise that will allow them to pursue a doctoral education or a career in various Chemistry-related careers in academic, corporate or governmental organizations.

Benefits

The Chemistry master’s program ensures that students gain a broad understanding of the field, apply their knowledge and analytical skills to create effective and novel solutions to practical problems and communicate and work effectively in collaborative environments.

Other benefits include:

- **World-Class Faculty**: The program is led by faculty of the School of Natural Sciences and Mathematics who are widely cited experts in their respective fields.
- **Comprehensive Curriculum**: Courses in the Chemistry master’s program will introduce students to new ideas, technologies, and competencies while preparing them to succeed in competitive, ever-changing industries.
- **Lab Experience**: Lab work will introduce students to fundamental and advanced concepts as well as state-of-the-art research techniques.
- **Facilities**: A cluster of buildings and research labs on the northwest side of campus comprise the over 300,000-square-foot space where students can explore the sciences including the famous Natural Sciences and Research Lab – the “mermaid building” and the Sciences Building. Opened in 2020, the 186,000-square-foot Sciences Building is home to state-of-the-art labs for advanced research in mathematical, biological and physical sciences.
- **Location**: Situated in the greater Dallas region—recently rated by Forbes magazine as the #1 “Best City for Jobs”—UT Dallas provides students with easy access to employers and internship opportunities, not to mention a large and supportive alumni population.

Career Opportunities

Graduates of the Chemistry master's program have gone on to pursue a wide variety of professional careers, such as:

- Chemist
- Chemical Technician
- Lab Technician
- Environmental Chemist
- Research Associate
Marketable Skills
The MS in Chemistry program prepares graduates for positions in industry or further training in chemistry or related scientific fields with the following skills:
• Chemical laboratory techniques and safety
• Analytical techniques and operation of instrumentation
• Organization, archiving and interpretation of data
• Research and problem-solving skills
• Navigate the chemical literature and effective communication

Application Deadlines and Requirements
Please take note of all application deadlines and visit the Apply Now webpage to begin the application process. See the Department of Chemistry and Biochemistry graduate programs website for additional information.

Applicants to the Chemistry master's degree program should have:

• An undergraduate preparation equivalent to the degree of Bachelor of Science in Chemistry is required.
• A grade point average (GPA) of at least 3.0 on a 4.0 scale.
• Test Scores: A minimum GRE score of 295 for combined verbal and quantitative components. Additional standards may apply to applicants requesting Teaching Assistantships.
• Letters of Recommendation: Applicants must submit 3 letters of recommendation from individual able to judge the candidate's potential for success in the master's degree program.
• International students with TOEFL scores less than 600 (paper test), 250 (computer test), or 100 (internet test) are admitted only under special circumstances. Scores must be less than two years old. See the Graduate Catalog for additional information regarding English proficiency requirements for international applicants.