

# MASTER OF SCIENCE IN CHEMISTRY (RESEARCH)

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**Web Site:** <https://twu.edu/chemistry-biochemistry/graduate-program/>

## Marketable Skills

Defined by the Texas Higher Education Coordinating Board's 60x30 Strategic Plan (<https://reportcenter.highered.texas.gov/agency-publication/miscellaneous/the-cb-60x30-strategic-plan/>) as, "Those skills valued by employers that can be applied in a variety of work settings, including interpersonal, cognitive, and applied skills areas. These skills can be either primary or complementary to a major and are acquired by students through education, including curricular, co-curricular, and extracurricular activities."

- a. As a member of a graduate teaching lab team and research team, you will learn how to work and communicate with diverse team members.
- b. By writing laboratory reports, papers, and a thesis, coupled with presenting your work to your peers, at conferences, or to the general public, you will gain valuable verbal and written communication skills.
- c. With our departmental focus on civic engagement and laboratory safety as our first priority, you will understand social and personal responsibility.
- d. Finally, since earning a degree in any field of chemistry naturally requires excellent problem-solving and critical-thinking skills related to chemistry, these skills can also be used to address other issues and solve other problems.