

# ACCELERATED BACHELOR OF SCIENCE IN CHEMISTRY (ACS)/MASTER OF SCIENCE IN CHEMISTRY

---

## Marketable Skills

Defined by the Texas Higher Education Coordinating Board's 60x30 Strategic Plan (<https://reportcenter.highered.texas.gov/agency-publication/miscellaneous/theccb-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."

This program will provide strong, qualified undergraduates an avenue to accelerate their time to the MS degree, which will benefit the student financially. Possessing a Master's degree in Chemistry will meet a job market that increasingly demands advanced education. Jobs for individuals with Master's degrees in Chemistry include positions in the private sector, such as the pharmaceutical industry, analysis labs, quality control, R&D, and the energy sector (both renewables and oil & gas) – in addition to continuing graduate school toward a Ph.D. in chemistry or biochemistry whereby a Master's degree enhances admission chances in higher-ranking universities (often with a more attractive admission/scholarship package).