

MASTER OF SCIENCE IN BIOLOGY

Web Site: <https://twu.edu/biology/graduate-programs/master-of-science-in-biology/>

Marketable Skills

Defined by the Texas Higher Education Coordinating Board's 60x30 Strategic Plan (<https://reportcenter.highered.texas.gov/agency-publication/miscellaneous/thecb-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. Written and oral communication skills.
- b. Demonstrate critical thinking by using logic and reasoning to interpret scientific results.
- c. Ability to design and conduct properly controlled experiments.
- d. Utilize modern scientific instruments and methods.
- e. Work collaboratively as part of a team to perform, analyze, and present research.
- f. Ability to understand and comply with laboratory safety guidelines.