

# Assessment: Assessment Plan

## Degree Program - AS - Environmental Toxicology (PHD)

**CIP Code:** 26.1004.00

**Disciplinary Accrediting Body:** Clinical Laboratory Improvements Amendment Program Certification, Department of Health and Human Sciences, CMMMA

**Next Accrediting Agency Review:** 2021

**Degree Program Coordinator:** Kamaleshwar Singh

**Degree Program Coordinator Email:** kamaleshwar.singh@ttu.edu

**Program Purpose Statement:** Environmental toxicology offers a graduate program within the College of Arts and Sciences as well as fixed and variable credit courses for undergraduates. The courses are designed to provide undergraduate students the opportunity to learn about and conduct scientific research in environmental toxicology at The Institute of Environmental and Human Health.

**Modality:** Face-to-Face

### Student Learning Outcome: Learning Outcome One-Scientific Reasoning

Students will have an advanced working knowledge of the paradigms of toxicology and will have demonstrated critical thinking and scientific reasoning skills.

**Outcome Status:** Active

**Outcome Type:** Student Learning

**Start Date:** 06/01/2015

#### Assessment Methods

**Post-Evaluation - ENTX 6325 pre/post assessment exercise (Active)**

**Criterion:** Students should exhibit a 25 percentage point improvement (average) on a pre/post assessment exercise.

**Schedule:** Data should be entered in December upon completion on the Fall Semester.

**Post-Evaluation - ENTX 6326 pre/post assessment exercise (Active)**

**Criterion:** Students should exhibit a 25 percentage point improvement (average) on a pre/post assessment exercise.

**Schedule:** Data should be entered in May upon completion on the Spring Semester.

**Post-Evaluation - ENTX 6445 pre/post assessment exercise (Active)**

**Criterion:** Students should exhibit a 25 percentage point improvement (average) on a pre/post assessment exercise.

**Schedule:** Data should be entered in May upon completion on the Spring Semester.

### Student Learning Outcome: Learning Outcome Two-Enhancing Research

Engaging in Scientific Research Projects

**Outcome Status:** Active

# Degree Program - AS - Environmental Toxicology (PHD)

**Outcome Type:** Student Learning

**Start Date:** 06/01/2015

## Assessment Methods

**Professional Development Activities** - Percentage of Ph.D. students participating with faculty in the development of research proposals. (Active)

**Criterion:** 30% of Ph.D. students will help secure some intramural or extramural funds for research.

**Professional Development Activities** - Percentage of Ph.D. students submitting extramural grants for travel funds to scientific meetings. (Active)

**Criterion:** 40% of Ph.D. students will secure extramural funds for travel to scientific meetings.

## Student Learning Outcome: Learning Outcome Three-Outreach and Engagement

Presenting and Publishing the Results of Scientific Research

**Outcome Status:** Active

**Outcome Type:** Student Learning

**Start Date:** 06/01/2015

## Assessment Methods

**Professional Development Activities** - Percentage of Ph.D. students making at least 1 presentation at a regional or national meeting during the year. (Active)

**Criterion:** 80% of Ph.D. students will make at least 1 presentations at a regional or national meeting during the year.

**Professional Development Activities** - Percentage of Ph.D. students with at least 1 manuscript in press or published during the year. (Active)

**Criterion:** 40% of Ph.D. students will publish at least 1 manuscript during the year.