The objective of this course is to provide undergraduate students the opportunity to conduct research in the topic of environmental toxicology. The research course will explore and test the effects of environmental contaminants on aquatic organisms. Approaches will involve determining the uptake of chemical compounds by aquatic organisms, measures of sublethal effects, and statistical approaches to analyzing toxicological data.

During the course, students will read the scientific literature, design experiments and evaluate/interpret their own results. Emphasis will be placed on critical thinking, data analysis and presentation of their scientific findings. This course is based on real-world experimentation and will provide first-hand knowledge of the process of scientific discovery with its triumphs and frustrations. Students will be part of research teams and responsible for their own experimental results. It is expected that findings from student research will be of the highest quality and suitable for research publication.

Requirements: Approval by the Instructor. Each interested student should fill out an application for admission to this course. Enrollment is limited and applications will be accepted only until the course is full. Applying as soon as possible is highly recommended.

To apply for this class please provide information below and contact:

**Application**

NAME: ____________________________ UNT ID#: ____________________________

Mailing Address: _____________________________________________________________

Home Phone: ____________________________ Cell Phone: ____________________________

E-mail address: ____________________________

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