

Ocean, rivers, and lakes of  
research possibilities



TEXAS A&M UNIVERSITY  
SAN ANTONIO

# BIOL 4410 SCIENTIFIC DIVING MAYMESTER 2025 4 CREDITS

Instructor: Dr. Fernando Calderón Gutiérrez  
A&M-SA Dive Safety Officer

This course covers theoretical and practical topics and skills required to safely conduct scientific research utilizing SCUBA techniques.

This course will emphasize skills and knowledge utilized by regional researchers, public institutions, and companies requiring scientific divers.

Specific examples of biological and hydrological research using these SCUBA techniques from peer-reviewed scientific journals will be used to further illustrate the relevance of these skills to real-world scientific inquiries

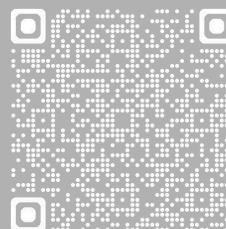
## AT THE END OF THE COURSE

1. A&M-SA Scientific diving certification and authorization of up to 60 ft
2. PSAI certifications
  - a. Advance Buoyancy Control, Trim, and Technique (ABC)
  - b. Basic underwater navigation
  - c. Advance underwater navigation

## PREREQUISITES

1. Specific medical evaluation
2. Swim test
3. Open water certification
4. Valid diving insurance
5. Current medical first responder certification
6. Required documents
7. Optional, recommendation letter from faculty requiring scientific divers

A&M-SA  
Dive Safety Board



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