General TAMIU Information

TAMIU's campus represents more than a $170 million investment in new facilities. You will take courses on the first new campus in Texas in over 20 years.

Our campus is situated in the heart of South Texas along the U.S.-Mexico border affording immense opportunities for international, comparative, and developmental studies. You will study in our new state-of-the-art classrooms and facilities.

Our classrooms and facilities incorporate the latest trends in the evolving Internet and information exchange. On-campus housing facilities are also wired for high-speed free Internet. Ten computer labs help assure that you will work in an environment where the student-to-computer ratio is 10 to 1.

You can also work in our modern media center to make multi-media and audio-video presentations while the Office of Information Technology offers you extensive technology training.

Another essential element in your graduate study at TAMIU is the Sue and Radcliffe Killam Library, the cornerstone of our on-campus support centers, which recently completed a $4.5 million addition to its collection.

How Do I Apply?

- Complete and submit University grduate application to the Office of Admissions and submit undergraduate transcripts to the Registrar's Office.
- All applications can be downloaded from http://www.tamiu.edu/gradschool/admissions
- Have official GRE test scores sent directly from ETS.
- Write a personal statement.
- International students must also submit adequate TOEFL scores and financial documentation.
- Spring application deadline is November 30; Fall application deadline is April 30.

For more detailed information including program costs and courses, please visit our Web site at:

Web site: www.tamiu.edu/coas/depts/biochem
E-mail: biology@tamiu.edu
Telephone: 956.326.2583
Fax: 956.326.2464

Texas A&M International University
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TEXAS A&M INTERNATIONAL UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

MASTER OF SCIENCE IN BIOLOGY

Master of Science in Biology

About Our Program

The TAMIU Department of Biology and Chemistry offers the Masters of Science degree in Biology with a thesis and non-thesis option. Our location provides unique opportunities for a variety of research. With the opening of the new Lamar Bruni Vergara Science Center in Spring 2005, the latest in scientific technology provides you an opportunity to prepare yourself for science careers in the new millennium.

The educational objectives of the MS degree in Biology are:

- to prepare students for a Doctoral Program in Biological Sciences
- to prepare students for teaching Biology in community colleges and institutions of higher education
- to enrich students' background for teaching Biology in high and middle school
- to prepare students for jobs related to Biology in industry, education, or government

Why Should You Come Here?

The sciences at TAMIU offer unique opportunities for field/ecological studies due to our proximity to México and our location in the Tamaulipan Biotic Province. Current research involves field and laboratory-based investigations in invertebrate and vertebrate ecology, taxonomy and behavior. Water and other environmental issues are also being examined.

The department is one of the fastest growing in the University. Class sizes are generally under 20 in upper division classes. Each student can expect personalized attention and assistance as their interest is pursued. Research is emphasized, giving faculty good insight into the scope of scientific problems that students pursue.

Student Julianna Quintanilla with a king salmon while on an internship with the U.S. Fish & Wildlife Service in Alaska.

About Our Faculty

All graduate courses are taught by departmental faculty with terminal degrees. There is a good mix of senior faculty with years of local research experience and junior faculty with knowledge of the latest research methods and techniques. There is strong research interaction among the faculty, providing opportunities for interdisciplinary study. Current research includes: genomic studies of common food contaminating bacteria, behavioral ecology of scorpions, taxonomy of spiders, weather and drought patterns and water use of introduced species. New research programs are beginning in botany, cell biology and microbiology.

Careers

The need for well-trained biologists is increasing at record pace. Jobs are currently available in both the private and governmental sectors ranging from animal control to zoo workers. You can expect many increased opportunities locally in science education and nationally within the private sector, higher education and government. Although graduate education implies a certain degree of specialization, our interactive department will afford you the opportunity to be broadly trained in the biological sciences. This broad training will open many doors for further graduate education and employment.

"The Texas A&M International University Department of Biology and Chemistry has greatly supported and influenced me both personally and academically. I am fortunate to have professors who have emphasized the importance of original research. Students belonging to this department are not only able to conduct research in the lab, but also receive the rare opportunity to gain valuable field research experience. I am genuinely grateful to have professors who advocate students to reach for higher standards of academic excellence. I now look to the future, and am proud to embark on my graduate studies with TAMIU's Department of Biology and Chemistry."

Julianna Quintanilla
MS Biology

Biology