The Department of Biochemistry and Biophysics offers programs leading to the MS and PhD degrees in Biochemistry. These research-intensive programs are designed to establish the foundational skill set required of an independent research career. Graduate students also gain educational experience through the teaching assistantship requirement.

Ongoing research activities involve plants, animals, and microorganisms, and span the broad fields of molecular biology, protein and nucleic acid structure, virology, enzymology, biophysical chemistry, and biochemical nutrition. The department occupies a modern research building that is well equipped to conduct biochemical research. Incoming students are expected to demonstrate adequate preparation in chemistry, mathematics, physics, and molecular biology. Graduate students will participate in active research under a faculty member for the duration of their studies. Interdisciplinary research projects are encouraged. On successful completion of the program, graduates should demonstrate a command of both their chosen research specialty and biochemistry broadly.

There is no foreign language requirement. All students are required to demonstrate English language proficiency. Contact the Graduate Office at biobiograd@tamu.edu or 1-800-4-TAMBIO for more information.

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Masters

• Master of Science in Biochemistry (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/biochemistry-biophysics/biochemistry-ms/)

Doctoral

• Doctor of Philosophy in Biochemistry (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/biochemistry-biophysics/phd/)

Certificates

• Bioinformatics and Computational Biology Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/biochemistry-biophysics/bioinformatics-computational-biology-certificate/)