The Department of Biochemistry and Biophysics offers programs of study and research leading to the MS and PhD degrees in biochemistry. These programs are designed to provide the background for a career in independent research; in addition, graduate students gain experience in teaching, inasmuch as each is required to serve as a teaching assistant during his or her graduate work. A non-thesis option for the MS degree is available to students not intending to enter a research career.

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. Students entering graduate work in biochemistry are required to have adequate preparation in chemistry, mathematics, physics and molecular biology. The program leading to the PhD degree is designed for extensive involvement in research. The resulting dissertation must demonstrate a superior knowledge and understanding of the subject area. In addition, the student must demonstrate a broad and commanding knowledge of general biochemistry. There is no language requirement. There is, however, an English requirement for all students, including those seeking the MS degree. The department encourages interdisciplinary research projects with other departments. Detailed information about the graduate program may be obtained from the Biochemistry Graduate Programs Office, which can be reached by mail, by email at biobiograd@tamu.edu or by telephone at 1-800-4-TAMBIO. Information can also be obtained from the website at http://biochemistry.tamu.edu.

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