

BIOLOGICAL ENGINEERING (PH.D.)

Doctor of Philosophy. Major in Biological Engineering.

Admission to this program is based on the student's interest being compatible with faculty interest, funds, and facilities. Admission is given only after a thorough review of the student's academic background, research interests, and potential. Individual programs normally consist of three years' work beyond the bachelor's degree. The department does not have a mandatory foreign language requirement. Students are required, however, to broaden their education in an area outside the normal engineering and science curricula. This can be done by taking courses in the humanities and social sciences, demonstrating an in-depth proficiency in a foreign language, or participating in an equivalent broadening educational experience.

1. The student will demonstrate an in-depth knowledge of degree subject matter and expert engineering and scientific knowledge of research area.
2. The student will conduct original research and appropriately and accurately analyze experimental results.
3. The student will communicate research findings in an appropriate format for disciplinary, interdisciplinary, and lay audiences, both orally and in writing.
4. The student will demonstrate understanding of the impact of thesis research and of the responsibility to enhance the quality of life of the global community through the practice of engineering.