

Biological Engineering Program Educational Objectives

The following program educational objectives were approved by the faculty on May 11, 2016, after being initially drafted by the undergraduate students (February, 2016) and reviewed by the department advisory committee (February 29, 2016).

Biological Engineering graduates will:

1. Have fundamental engineering skills, current technical knowledge, and professional skills to effectively practice biological engineering.
2. Demonstrate professional responsibility in safely performing engineering tasks and be willing to accept ethical responsibility for the social and environmental impacts of engineering practices.
3. Be able to communicate with diverse, global audiences and to work with and lead integrated teams and communities.
4. Be critical, creative, and independent thinkers who use their technical expertise to address societal needs and advance their field.

To achieve the program educational objectives, the Department will recruit, support, and retain high-quality faculty and staff, and provide facilities and equipment to create an atmosphere conducive to learning, engagement, and discovery.