

Biological Engineering Program Educational Objectives (PEOs)

Graduates of NC State's BE program, within the first few years following graduation, will be:

1. Able to grasp and apply engineering principles, procedures, and time management skills needed to solve real-world problems.
2. Professionally responsible in performing engineering tasks at an appropriate level of expertise and willing to accept the ethical responsibility for the social and environmental impacts of engineering practices.
3. Able to communicate effectively with diverse and global audiences and able to work effectively in today's integrated team environments.
4. Life-long learners, with a solid background in the biological sciences, engineering sciences and mathematics; an understanding and appreciation for the arts, humanities, and social sciences; and an appreciation of the need for further professional educational opportunities.
5. Knowledgeable of current advances in engineering practice and research, prepared for opportunities in graduate engineering education, and making progress towards registration as a professional engineer.

Modified and reaffirmed: April 25, 2008