

CERTIFICATE IN GLOBAL BIOMEDICAL ENGINEERING

This certificate draws together themes relevant to the study of global biomedical engineering, from cross-cultural competence, international communication, issues facing developing countries, regulatory affairs and quality standards in the U.S. and abroad.

Learning Outcomes

Upon successful completion, students will be able to:

1. Discuss cross-cultural competence in the biomedical engineering field, considering social, political, and economic differences in areas such as medical device design, regulation, technology transfer, and ethics.
2. Participate in globally focused experience(s) or projects related to the field of biomedical engineering.
3. Describe global, economic, environmental, and societal impacts of engineering solutions.