

Program Educational Objectives for the School of Biomedical Engineering, Science and Health Systems Undergraduate Program

PEO – Graduates Whose Careers Effectively Leverage Their Education in Biomedical Engineering

As a result, graduates will be able to recognize and/or create opportunities, adjust to new conditions and take advantage of opportunities across multiple boundaries – disciplinary, geographic, social and cultural. Graduates may demonstrate success through professional/personal recognition and/or advancement.

PEO – Graduates Competent to Obtain Additional Knowledge and/or Skills.

As a result, graduates will continue to learn and enhance their skills through professional development and/or research activities. Graduates may use this new knowledge and/or additional skills to enhance current activities or move in a new direction. Graduates may also pursue further education in the form of graduate and professional degrees.

PEO - Graduates Who make Contributions in Research, Innovation, Design and/or Technological Development.

As a result, graduates will make significant or meaningful contributions in their chosen fields, either through publications and/or presentations, the development of a product or process, obtaining patents for new products and/or processes, or other evidence of contributing to the advancement of knowledge, particularly in fields integrating engineering and the life sciences.

PEO – Graduates Who Contribute to Their Communities.

As a result, graduates will work independently and in diverse groups to effectively and efficiently achieve personal and organizational goals, manage projects, foster collaborative effort among co-workers, mentor individuals within the organization or in the community, engage in community or public service, create a product or process that fills a social need, and/or participate in educating individuals about an issue of societal concern.

PEO – Graduates Who Practice Ethical Reasoning, Behavior and Professionalism.

As a result, graduates will work in the global environment respecting cultural and social differences, managing risk and accepting responsibility, and adhering to the professional codes of conduct appropriate to his or her field of study and/or practice.