



NATIONAL UNIVERSITY OF ENGINEERING
COLLEGE OF SCIENCES
ENGINEERING PHYSICS PROGRAM

PROGRAM EDUCATIONAL OBJECTIVES

Taking into account the needs and expectations of constituencies and considering the accomplishments that physics engineers are expected to attain a few years after graduation, the Program Educational Objectives have been defined so that the graduates of Engineering Physics:

1. Technical Competence

Demonstrate a solid technical competence for the development, implementation and application of physics-based technologies in the fields of renewable energy, materials generation and transformation, medical physics, physical electronics, and related application fields.

2. Adaptability and Achievement

Work and interact at the different levels of an engineering project, attaining proposed goals, and advancing in their field of professional development.

3. Leadership

Lead and proactively participate in multidisciplinary teams with an attitude toward the effective achievement of objectives.

4. Professionalism

Conduct themselves correctly respecting the standards and ethical principles of the profession, and projecting themselves as responsible citizens and professionals.

5. Continuing Education

Develop a continuous learning and training, assimilating the changes and advances in the profession, and completing specialization and postgraduate studies.