



**NATIONAL UNIVERSITY OF ENGINEERING**  
**COLLEGE OF CHEMICAL AND TEXTILE ENGINEERING**  
**CHEMICAL ENGINEERING PROGRAM**

---

**PROGRAM EDUCATIONAL OBJECTIVES**

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

**1. Technical Competence**

Demonstrate a solid technical competence for the design, installation and operation of industrial chemical plants through the analysis, synthesis, design, control and optimization of processes for the generation and transformation of materials and products.

**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**

Proactively participate and effectively communicate in multidisciplinary teams serving as leaders or active members.

**4. Professionalism**

Conduct themselves correctly respecting the standards and ethical principles of the profession, assuming their social and professional responsibilities.

**5. Continuing Education**

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