

# UNIVERSIDAD NACIONAL DE INGENIERÍA

## Chemistry Program

### Educational Objectives

The Program Educational Objectives have been formulated taking into account constituency needs and expectations, in order to provide students with an outstanding scientific/technical education that allows them to achieve a fruitful and rewarding professional practice in a highly demanding workplace. The Educational Objectives have been defined so that the graduates of the Chemistry Program:

**1. Scientific and Technical Competence**

Demonstrate a solid scientific and technical competence for the analysis and design of new process for the synthesis of chemical products, as well as for the organization and management of laboratory facilities for chemical analysis, quality control, and research and development.

**2. Adaptability and Achievement**

Work and interact at the different levels of a chemistry scientific or technical project, attaining proposed goals, and advancing in their field of professional development.

**3. Leadership and Commitment**

Communicate effectively and participate proactively in multidisciplinary teams performing as leaders or active members with an attitude toward the 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.