



Doctor of Philosophy, major in Chemical Engineering

Objectives of the Program

The Ph. D. program aims to develop a pool of experts who will spearhead research and development activities in the academe, industry and government institutions.

Description of the Program

The Ph.D. program involves training in supervised research in a highly specialized field of study. A high level of maturity and independence is expected of students. The research work is expected to culminate in a dissertation demonstrating originality and contributing to knowledge in a field of study. Students may specialize in the following major fields:

Chemical Engineering

- **Process Modeling and Control**
- **Environmental Engineering**
- **Energy Engineering**
- **Biochemical Process**
- **Corrosion Engineering**

Minimum Requirements

For applicants with Master's degrees (with Thesis):

Specialization Courses	12 units
Philosophy Course	3 units
Seminars	3 units
Dissertation	<u>12 units</u>
Total	30 units

For applicants with Master's degrees (without thesis)

Before the student is accepted to the Ph. D. program, he/she will have to undergo a minimum of two terms as a research student (equivalent to an additional 6 units) and has to pass an oral examination on his/her research project.