

Licentiate in Environmental Sciences – 4 ½ years

Objectives

To train students in the conception, design, execution, implementation, maintenance, administration and management of environmentally productive projects; and in facing problems concerning environmental damage and implementing measures that safeguard the environmental quality, through the assumption of sustainability and an ethic commitment with society.

Contents

The course of studies is organized in two cycles:

General Cycle: it lasts 2 years and is equivalent to the general cycle in Agronomy, which aims at providing a sound grounding.

Professional Cycle: it lasts 2 ½ years and is focused on the specialization in Environmental Sciences. It is a requirement to take an Intensification Cycle, made up of compulsory and complementary subjects and of a Thesis or Final Paper. During this cycle, students have to choose among four orientations: Technology, Environmental Policy, Conservation and Management.

Job Opportunities

Graduates are qualified to:

- Consider, design, implement and operate on the possible forms of mitigating damage, repairing deterioration and /or drainage of the environment through adequate technology.
- Intervene directly in the identification of sources of pollution and / or damage.
- Develop courses of action and policies that square the economic development with the environmental sustainability.
- Lead plans and strategies for the use, protection and conservation of natural resources.
- Evaluate, run and supervise analysis on environmental impact.
- To participate in interdisciplinary teams that work on the solution of environmental problems with a systemic approach
- Contribute to the development of legal frames, regulations and policies that foster the preservation of the natural heritage.
- Develop scientific research and the extension of knowledge connected to environmental technology