

## Technologies and Management of Greenhouses and Greenhouse Crops

The subject of this Postgraduate program is the scientific training and specialization of scientists on the subject of technologies and management of greenhouses and greenhouse crops.

The scope of the program is:

- a) The development of research in subjects of technologies and management of greenhouses , technicians, technologies and management of greenhouse crops and production of vegetative propagating material of floricultural and horticultural plants.
- b) The development of specialized scientists able to undertake positions in public and private enterprises on the above covered scientific areas who would be capable to support the technological development of the area , to manage the modern equipment of greenhouse units and to contribute to competitive, high quality and safe products production, with environmentally friendly practices.

The postgraduate program Technologies and Management of Greenhouses and Greenhouse Crops involves three semesters of studies, including 8 postgraduate courses and completion of an experimental thesis. The degree consists of 90 ECTS units, with 60 units obtained from the 8 courses and 30 units from the thesis.

### COURSE TITLES PER SEMESTER

#### 1<sup>st</sup> Semester

- Functional responses and adaptations of crops under protected cultivation.
- Technologies for greenhouse and screenhouse control.
- Modern techniques for the management of ornamental crops and the production of propagating material.
- Modern cultivation systems for vegetable production under cover.

#### 2<sup>nd</sup> Semester

- Soilless cultivation systems and technologies.
- Pest management in protected cultivations.
- Marketing of greenhouse products.

#### 3<sup>rd</sup> Semester

- Development of research plans.