

**Licentiate in Palaeontology**  
**Licentiate in Palaeontology – 5 years**

**Objective**

To train students in the study of past life evidence. This evidence includes fossils preserved in sedimentary rocks. Students develop the analysis of elements ranging from tiny bacterium to huge dinosaurs. Fossils may be thousand million or only a few thousand years old. Graduates can apply other sciences to the analysis of fossils, for example: chemical analysis of elements in fossil skeletons throws light in determining the temperature, climate and environments in the earth in the past.

**Contents**

The syllabus is designed so as to deal with basic aspects concerning the diverse areas of biology and geology necessary to access and understand a wide range of palaeontologist topics.

To obtain the Licentiate degree, students have to pass 20 compulsory subjects, 2 optional subjects and one Thesis.

The course of studies is divided into three cycles: a) a cycle of information with basic courses; b) a core cycle where students take subjects concerning biology and geology; c) a cycle which provides different orientations and in which students must make a Final Thesis.

**Job Opportunities**

Graduates have an interdisciplinary training that allows them to specialize through postgraduate courses. They can work in applied jobs in areas such as the oil industry, museums, scientific extension or the media. In these contexts, students can do the following:

- Advice Organisms in charge of preservation, protection and tutoring of Palaeontologist Heritage.
- Ensure the upholding of laws concerning the protection of palaeontologist heritage.
- Take part in Official Registries of Palaeontologist fields, collections and remains.