



## **Master of Science in Natural Resources Management and Conservation (shared Master from the Technical University of Lisbon and the University of Évora)**

### **Objectives of the MSc in Natural Resources Management and Conservation:**

- a) To create skilled professionals in the field of conservation and management of natural biological resources, with a solid background in ecosystem processes and functions, and ecological interactions between biotic and abiotic components, including the restoration of degraded situations and recovery of ecological quality;
- b) To establish linkages between natural resources managers and the social, economic and productive agents of ecosystem uses;
- c) To contribute to a better natural resources management and its sustainable use, technically correct and sustainable, including animal and vegetal populations, and freshwater, coastal, estuarine and terrestrial ecosystems;
- d) To contribute to a harmonious interaction between the human populations and the ecosystems.

### **Structure of the course:**

The MSc in Natural Resources Management and Conservation lasts 4 semesters (or 2 years), with a total of 120 ECTS. The courses include 12 disciplines (72 ECTS), a Seminar (1.5 ECTS) and a Dissertation of 46.5 ECTS. The first and third semester courses are located in Lisbon, Instituto Superior de Agronomia. The second semester courses are located in Évora, University of Évora (about 100 km from Lisbon). Student residences or special rate rooms will be available for the students in need. The Dissertation will be preferably focused on a research topic with applications to natural resources management and conservation, and constitutes a development of one of the subjects of the courses. During the Dissertation, students should develop their abilities to formulate scientific questions, solve technical and scientific problems, plan research activities. Oral skills to present scientific results are trained in the Seminar. Students having successfully accomplished the course but not wishing to do the Dissertation will receive a Post-Graduation Diploma on Natural Resources Management and Conservation. The course will be held in English whenever foreign students are enlisted, and in Portuguese if only Portuguese-speaking students are present.

**Application period in 2008:** 1 July to 16 August

### **Access and Ranking of candidates:**

All students from Portugal or other countries, from first cycles of Bolonha (Bachelors) or equivalent are accepted, as long as they have a background on biological sciences, environmental sciences or related. The MSc Scientific Commission will appreciate the

background and decide. Ranking of accepted candidates will be made according to the grades of the previous Bachelor course, level of affinity of the candidate's study plan with the MSc subject, academic curriculum, and if necessary an interview or oral examination.

**List of disciplines of the MSc in Natural Resources Management and Conservation:**

Ecology and Management of Animal Populations (6ECTS)

Soils and Conservation of Soil Resources (6ECTS)

Conservation and Management of Vegetation and Agro-forest Ecosystems (6ECTS)

Economics of Natural Resources Management (6ECTS)

Statistics and Experimental Analyses in Ecology (6ECTS)

Management and Conservation of Estuaries(6ECTS)

Management and Conservation of Coastal Waters (6ECTS)

Management and Conservation of Freshwaters (6ECTS)

Management and Conservation of Terrestrial Animal Populations (6ECTS)

Spatial Analyses (6ECTS)

Management of Fisheries and Game (6ECTS)

Ecotourism and Valorization of Natural Resources (6ECTS)

Seminar (1.5 ECTS)

Dissertation (46.5 ECTS)