EMAE
European Master in Applied Ecology

Duration: 2 years

Course description:
Environmental protection is certainly the greatest current challenge to mankind as it plays a crucial role in economic and societal development throughout the world. By cleaving to this challenge, we will be able to generate sustainable development within human societies. The understanding of direct and indirect effects of global change on biodiversity will be crucial for management and conservation of natural environments. Over the last decades, the analyses carried out by ecologists have revealed the great fragility of natural balances and the dramatic ecological consequences of unwise human activities.

The European Master in Applied Ecology (EMAE) plans to form specialists able to develop and lead ecological projects throughout the world by providing them with a wide range of competences and skills, completed by a professional specialization in one of several leading fields of Ecology (Conservation, Toxicology, Functional ecosystem dynamics, Evolutionary ecology, Environmental sciences).

The EMAE Masters Course is an integrated programme designed by 4 Universities with a wide-range leadership in Ecology: Université de Poitiers, France (Co-ordinating institution); Christian Albrechts Universität in Kiel, Germany; Universidade de Coimbra, Portugal and University of East Anglia in Norwich, UK. Our research activities as well our international relationships and experiences clearly demonstrate complementarities and robustness of our competences as a whole.

In September of the first year, students are welcomed in Poitiers where intensive language training (in French, German or Portuguese) is provided. During the first year, basic knowledge and skills are acquired in both Poitiers (September to December) and Norwich (January to March) in the main fields of Ecology, from a functional approach of ecosystems to the ecological consequences of global change. Elective field training completes the programme either in Coimbra or Kiel (April to July). The teaching language is mainly English.
The second year corresponds to the elective specialization hosted by one of the EMAE institutions in the following areas:
- Applied and Theoretical approaches in animal ecology and population biology, Poitiers
- Advanced studies on dynamics and function of terrestrial and aquatic ecosystems, Kiel
- Environmental quality & Ecotoxicology, Coimbra
- Environmental sciences & Conservation, Norwich.

The Master's project is co-supervised and a part can be carried out in overseas partner institution using our worldwide collaborative network in South and North America, Asia, Australia or Europe.

The programme ends by the defence of Master Thesis in the hosting institution. Then, students are awarded in Poitiers in September in a farewell congress during which they present again their project to fellows and new incoming EMAE students. The completion of the cursus is rewarded by multiple Master degrees detailing individual curriculum in a Diploma Supplement.

Website: http://www.master-emae.org

Partners:
University of Poitiers, France (Co-ordinating institution)
Christian Albrechts University in Kiel, Germany
University of Coimbra, Portugal
University of East Anglia in Norwich, United Kingdom

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