

EMAE - European Master in Applied Ecology

2008-0092 / Duration: 2 years

Summary 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. The understanding of direct and indirect effects of global change on biodiversity will be crucial for management and conservation of natural environments. The European Master in Applied Ecology (EMAE) is an integrated programme designed by 4 Universities with a wide-range leadership in Ecology:

- Université de Poitiers, France (Coordinating institution);
- Christian-Albrechts-Universität in Kiel, Germany;
- Universidade de Coimbra, Portugal and
- University of East Anglia in Norwich, UK.

The EMAE Masters Course will train 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, Ecotoxicology, Functional ecosystem dynamics, Evolutionary ecology, Environmental sciences). The EMAE consortium has the ambition of promoting long-term and world-wide collaborative research between European and Third-country institutions. It aims to expand areas of expertise of EU students and enable them to study key topics in applied ecology in different ecosystems, for a period of two years in partnership with 5 overseas institutions from North America (University of Georgia, Athens, USA), South America (Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil and Universidad San Francisco de Quito, Ecuador), Australia (University of Adelaide) and New Zealand (University of Otago in Dunedin).

The research activities as well the international relationships and experiences of all the institutions involved in such an enlarged EMAE consortium are clearly complementary and greatly increase the scope of the original EMAE consortium. The partnership offers to all EMAE Europeans students facilities to carry out a part of their Master's project co-supervised in one of the overseas partners. The mobility is programmed during the second year of the training, in one of the following specializations: "Applied and Theoretical approaches in animal ecology and population biology", "Advanced studies on dynamics of terrestrial and aquatic ecosystems", "Environmental quality & Ecotoxicology" and "Environmental Sciences & Conservation". This overseas experience will be described in the Diploma Supplement. While visiting partner institutions, European scholars (16 scholars over the two years for a period of one or two months each) will plan future Master's projects and will stimulate and organize new academic collaborations (as dedicated e-learning platforms, shared study programme by video-conferencing and invited seminars).

European Partners:

- (1) Université de Poitiers (FR)
- (2) Christian-Albrechts-Universität Zu Kiel (DE)
- (3) Universidade DE Coimbra (PT)
- (4) University of East Anglia In Norwich (UK)

Third-Countries Partner Institutions:

- (1) The University of Adelaide (Australia)
- (2) University of Georgia in Athens (US)
- (3) University of Otago (New Zealand)
- (4) Federal University of Rio Grande Do Sul (Brazil)
- (5) San Francisco de Quito University (Ecuador)

Contact:

Dr Yves CAUBET
UNIVERSITÉ DE POITIERS
40, Avenue du Recteur Pineau
FR - 86022 POITIERS CEDEX

Grant: 179.200 € (30.000 € partnership + 149.200 € scholarships)