

IMAE
International Master in Applied Ecology

Duration: 24 months

Course description:

The objectives of the International Master in Applied Ecology (IMAE) programme are to foster interdisciplinary training within an extensive international context to form graduates capable of devising original and new solutions to meet the challenges of evolving problems in applied ecology. IMAE provides an exceptional network involving nine partners with complementary disciplinary foci, highly qualified and leaders in applied ecology. IMAE is an integrated programme designed by a consortium of European and overseas Universities: University of Poitiers, FR (Coordinating institution); University of Coimbra, PT; Christian-Albrechts University in Kiel, DE; University of East Anglia in Norwich UK, University of Otago, NZ; University of Adelaide, AU; Federal University of Rio Grande do Sul, Porto Alegre, BR, San Francisco University of Quito, EC and University of Georgia in Athens, USA. IMAE builds on its predecessor the "European Master in Applied Ecology" (EMMC-EMAE).

We improved several features. To fulfil the self-sustainability goal, we have reached to sponsors which can contribute partly or totally to additional scholarships. We have expanded inter-continently with non-European countries as full partners of the consortium. Partners in Ecuador and Brazil undertake parts of study programme. Responding to students' demand, we have broadened the range of modules and have added more applied field courses. The field courses delivered in Ecuador about Human impacts on three tropical ecosystems are notably attractive (Andean highlands with impact of climate change on indigenous communities; Amazonian rain forest with social unrest and environmental deterioration due to oil-extraction areas; Galápagos ecosystems under tourism pressure). The structure of the course is based on a two-year training. The programme starts when the students are officially selected as before their arrival, they can access online readings and exercises (preparatory period). From September to March of the first year, they follow extended scientific courses including field experiences and mobility in France, UK and Ecuador.

In April they are divided in two groups moving either to Germany or to Portugal to train in different applied domains. The second year corresponds to an in-depth scientific study programme and professional/research experience. The students specialize in one of the five elective streams and the Masters Thesis can be carried out anywhere as long as the project is co-supervised by one of the partner. The specialization tracks are Ecosystems functional analysis; Environmental quality assessment; Biodiversity assessment, conservation and management; Ecosystems management; Evolutionary ecology; and Environmental sciences & Conservation. The students defend their Master Thesis at the IMAE farewell congress in the presence of the new cohort. Students completing the programme will be awarded two or three MSc degrees and the IMAE joint certificate.

Website: <http://www.emmc-imaec.org/>

Partners:

UNIVERSITÉ DE POITIERS, France (Co-ordinating Institution)
THE UNIVERSITY OF ADELAIDE, Australia
UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, Brazil
UNIVERSIDAD SAN FRANCISCO DE QUITO, Ecuador
CHRISTIAN-ALBRECHTS UNIVERSITÄT ZU KIEL, Germany
UNIVERSITY OF OTAGO, New Zealand
UNIVERSIDADE DE COIMBRA, Portugal
UNIVERSITY OF EAST ANGLIA, United Kingdom
UNIVERSITY OF GEORGIA, United States

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