

UNIVERSITY OF  
**Southampton**



UNIVERSITY OF TWENTE.  
FACULTY OF GEO-INFORMATION SCIENCE  
AND EARTH OBSERVATION



UNIVERSITY OF ICELAND



Education and Culture DG

ERASMUS MUNDUS

## ANNOUNCEMENT GEM 2012 Course

Growing population densities are putting increasing pressure on scarce land resources. Adequate solutions to environmental problems such as deforestation, overgrazing, and the depletion and contamination of land and water resources depend on integrated insights and improved management. Planners, managers, policy makers and researchers need to understand the complexity of the factors involved and be able to work together with professionals from a variety of disciplines. Geo-information technology and, in particular, remote sensing, plays a central role in the search for clear analyses and viable policies. Skills in this field will therefore continue to be much in demand in industry, government and NGOs.

Five renowned European institutes offer you a unique Erasmus Mundus joint European Master of Science (MSc) Course in **Geo-information Science and Earth Observation for Environmental Modelling and Management (GEM)**.

The course has a duration of 22 months and will be taught by world class faculty in five countries: Iceland, UK, Sweden, Poland and The Netherlands. While studying in at least two of the five universities, as well as studying in a multi-cultural environment, students will gain valuable insight into the academic, social and cultural diversity of northern and central Europe. Graduates gain a multiple MSc degree from the consortium universities.

The course will start with a foundation year. Depending on their background and preference, students will start their studies either in The Netherlands (Twente University, Faculty ITC) or in Sweden (Lund University). The overall content of this foundation year is similar at both universities but at ITC the focus is more on the interaction of society and technology related to environmental modelling and management, while in Lund the students receive more training in quantitative biophysical modelling.

After the foundation year, students continue with their MSc research, including fieldwork, on a topic of their choice at one of the other 4 universities.

This top-quality MSc course is supported by the prestigious EU Erasmus Mundus programme and is open to full-fee paying students from the EU and the rest of the world.

For the course starting September 2012 we are inviting applications from motivated, high quality graduates from all over the world.

More information can be obtained from [www.gem-msc.org](http://www.gem-msc.org) or by contacting Monique Romarck (gem-msc@itc.nl).

Apply now online: <http://www.gem-msc.org/application/Registration/>