

European Course :

Evolution of the Biosphere : Origins of life & life in space

Banyuls (France), August 17-28, 2009

The aim of this program is **to train students (at Master level)** in the fields related to environmental topics emphasizing evolutionary aspects from the origins of life until life today. The role of temperature, pressure, gravity and water are of particular interests, specially at a molecular level, and will be presented by teachers expert in these fields. Courses on diverse topics such as life under extreme conditions, genetic modified organisms and artificial life will be presented by international researchers.

Finally, special lectures about the state-of-the-art of life in space investigations will be given by specialists from ELGRA and ESA.

Five Universities are involved in this ERASMUS Intensive Program, from Bonn, Firenze, Nottingham, Paris and Valencia. The total number of students are around 40.

Students from other Universities are welcome, but funding possibilities are limited.

At the end of the program, multinational groups of students will present a project related to Evolution of the Biosphere.

This course is supported by the European Commission, ELGRA (European Low Gravity Research Association) and ESA (European Space Agency).

If there are student interested to participate in this course they can contact the course organizer, Prof. Marie-Christin Maurel directly (marie-christine.maurel@upmc.fr).