



## ***“EMDIReB”: EUROPEAN MASTER IN DIAGNOSIS AND REPAIR OF BUILDINGS***

The University of Seville has promoted a European master course that was selected by the Erasmus Mundus Executive Agency in 2007. The coordinator is the University of Seville and the partners are the University of Reggio Calabria in Italy and the University of Lublin in Poland. The creation of this international network provides the master with a European added value as the study programme gathers the experience of different countries in the applied processes for diagnosis, damage analysis, repair and improvement of buildings and urban spaces.

Being approved by the European Commission it is really important for us as the relevance of this master lies in the fact that it is a distinctively European offer, being the only master course on architecture of the European Union.

The objectives of this master course, partially subsidized by the Erasmus Mundus Programme and titled Emdireb, are:

- To provide solid core training for specialists that will prepare them to undertake the diagnosis, repair, rehabilitation and improvement of buildings and urban spaces.
- To provide integral training to enable specialists to write reports and projects, technically supervise construction work and carry out executive management activities associated with the processes involved.
- To provide more advanced training for specialists who have completed basic studies in one of the following areas: Treatment of buildings of historic value; regeneration of urban spaces; conservation and energy optimization of buildings.
- To draw together into one single training offer the knowledge and experience accumulated by three European universities in such important fields as building diagnosis and repair.
- To draw together into one European Master programme three areas of specialization associated with complementary aspects of architectural activity: the Italian experience of architectural treatment for historically important buildings; the social commitment to the regeneration of urban spaces shown by Polish specialists; the concern for the growing awareness of the need to improve energy performance in buildings and their conservation, as stated by Spanish architects.

The duration of the master is one year and six months and offers 90 ECTS. The programme is divided into three main parts: Core Module (60 ECTS), Specialization Module (20 ECTS) and End-of-course project (10 ECTS). The core section comprises two modules: Building Damage Assessment (30 ECTS) and Building Repair Systems and Procedures (30 ECTS).

Each partner will offer a module specialized in the following areas:

- Conservation and Optimization of Energy Performance in Buildings and End-of Course Project: Spain.
- Conservation and Restoration of Cultural Heritage and End-of-Course Project: Italy
- Urban Preservation and Renewal and End-of-Course Project: Poland

Finally, the students will have the opportunity of designing a complete repair project according to the specialization section followed.

Through this programme, different actions will be carried out for the promotion and establishment of cooperation links and the reciprocal exchange of scholars and students between European higher education centres, promoters of Erasmus Mundus master courses, and non European institutions.

The European Commission awards **8 + 1\* grants to Non European students (Category A scholarships)**. This scholarship amounts to **31.000 euros** and the deadline is **6 February 2011**:

*8.000 EUR - travel/installation contribution*

*7.000 EUR - participation cost contribution (registration fees)*

*16.000 EUR (1.000 EUR x 16 months) - monthly allowances*

\*In the framework of the Western Balkans Window, students from Albania, Bosnia-Herzegovina, Croatia, the Former Yugoslav Republic of Macedonia, Kosovo (under UNSC Resolution 1244/99), Montenegro, Serbia, and Turkey are eligible to apply for an Erasmus Mundus scholarship

This year the European Commission awards **7 scholarships for European Students (Category B scholarships)**. This scholarship amounts to **14.000 €**. The deadline is **6 February 2011**

*6.000 EUR – registration fees.*

*8.000 EUR (500 EUR x 16 months) – monthly allowance*

\* 3000 EUR if the student goes to a third-country institution (associated members) to follow some part of the master course: University of Mar del Plata (Argentina), University of Lviv (Ukraine) and University of Ciudad de Juárez (México) for a minimum 15 ECTS.

\* The student must follow the master course in at least two European universities (section 4.2.2 Programme Guide)

The European Commission also offers grants to **Non-European and European Scholars (category B scholarships)** interested in carrying out teaching and research tasks in an Erasmus Mundus master course, in the European countries (Italy, Poland, Spain) for third-country candidates or in the third-country associated institutions (México, Ukraine and Argentina) for European candidates. Scholarships for scholars are calculated on the basis of **€1200 per week**. Each individual scholar scholarship corresponds to **a minimum duration of three weeks and three months as maximum**. The deadline is **8 May 2011**.

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Programme Guide (for reference only):

[http://eacea.ec.europa.eu/erasmus\\_mundus/programme/programme\\_guide\\_en.php](http://eacea.ec.europa.eu/erasmus_mundus/programme/programme_guide_en.php)