

"EMDIREB": EUROPEAN MASTER IN DIAGNOSIS AND REPAIR OF BUILDINGS

Seville Architects' Association and FIDAS (Foundation for the Research and Dissemination of Architecture of Seville) have promoted together with the University of Seville an European master course that has been selected by the Erasmus Mundus Executive Agency.

An university degree of high quality is provided with this Project, whose 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 an 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 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, partially subsidized by the Erasmus Mundus Programme and titled Emdireb, are:

- To provide solid core training for specialists which 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 section (60 ECTS), the specialization section (20 ECTS) and the 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:



FIDAS

FUNDACIÓN PARA LA INVESTIGACIÓN Y DIFUSIÓN DE LA ARQUITECTURA, SEVILLA

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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 grants, through action 2, to non European scholars and students interested in carrying out teaching and research tasks in an Erasmus Mundus master course. This grant covers the travel expenses and the stay of scholars for three months with 13,000 euros. The students' grant covers the travel expenses and the stay in Europe as well as the fees (21,000 euros/year).

The international nature of this master is reinforced by the use of different work languages (Italian, Spanish, Polish and English), which will allow the architects the acquisition of linguistic and cultural competences and the improvement of the personal ones.

The international mobility of students and scholars of the master among the universities of the consortium will be also promoted. The intercultural dialogue will be improved and it will be offered to the students, through the integration of the study plans, the possibility of obtaining a joint degree certified by the three universities and recognised in Europe.

The awarded degrees will be the following ones:

- Double degree: the student follows 60 ECTS (Core Section) in an university and the other 30 ECTS (specialization and End of Course Project) in a second university. The degree will be double.
- Multiple degree: The students can follow each module of 30 ECTS in the three universities of the consortium. The mobility period can be divided into two stays for each module of the core section and the third one for the specialization section. These students will be awarded a multiple degree.

The academic excellence is reinforced by the presence of teaching staff with a wide experience in teaching and research activities as most of them hold positions in public institutions and have international working experience.

If you wish more information you can visit the web page: www.emdireb.eu or contact us through our mail: info@emdireb.eu



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