

Project acronym: EVICAB

Objectives:

The objective of the proposal is to develop, build up and evaluate sustainable, dynamical solutions for virtual mobility and e-learning that, according to the Bologna process, (i) mutually support the harmonization of the European higher education programmes, (ii) improve the quality of and comparability between the programmes, and (iii) advance the post-graduate studies, qualification and certification. These practices will be developed, piloted and evaluated in the field of biomedical engineering and medical physics.

Important goal is that these approaches and mechanisms for virtual e-learning can be extended and transferred from this project also to other disciplines to promote virtual student and teacher mobility and credit transfer between European universities.

Approach:

In this action, a framework for a sustainable Internet-based virtual biomedical engineering curriculum is developed, building on the existing expertise in the substance and e-learning technology and experience of partners, gathered in close long-term co-operation. The system will guarantee a sustainable learning environment and content, of which development is based on continuous dynamic peer and self evaluation and effective exploitation of information and computer technology.

Expected results:

The common virtual curriculum and e-learning solution will integrate the synergy of European know-how to improve the teaching, learning and research activities and make the use of teaching resources more effective regionally and internationally. The expected results are not limited only within the project but they can provide a wider transferable solution for virtual mobility activities among all European countries and universities and their students.

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