

Modernization of two cycles (MA, BA) of competence-based curricula in material engineering according to the best experience of Bologna Process



Wider objectives

- To ensure that the targeted Universities in IL, UA, RU can offer new advanced two cycles of competence-based Programmes in Material Engineering in line with the new developments in the area of material sciences, the market demands and according to the Bologna Process.
- To speed up integration between Higher Educational Institutes and business in target countries.
- To establish cooperation between EU and target countries in education and research.

Project team



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Specific project objectives

The main aim is improvement of BA/MA Programmes in Material Engineering according to the needs of the target partner countries IL, RU and UA.

Bringing the universities closer to the changing Labour Market and the European Education Area.

To update the current curricula in Material Engineering according to the Bologna requirements and the new developments in Engineering.

To develop, implement and accredit new practice oriented curricula including ECTS.

Develop innovative academic environment for Material Engineering.

Planned project outputs

According to the specific project objectives the following tangible outputs and intangible outcomes in the frames of development are planned:

- Review/analyse/upgrade the current curricula in Material Engineering according to recent advances in the target field.
- Develop ten new core and three transferable curricula inclusive learning environment (materials information technology labs (MITL) and Joint WEB based platform).
- Retrain academic staff/mentors in new curricula.
- Pilot teaching/operation.