



STEM for inclusive schools

Project number:

KA220-NW-23-30-151162

Co-funded by the
Erasmus+ Programme
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UNIVERSITATEA DUNAREA DE JOS DIN GALATI (E10208970 - RO)

Organisation ID	Legal name	Country
E10208970	UNIVERSITATEA DUNAREA DE JOS DIN GALATI	Romania

Region	City	Website
Sud-Est	GALATI	https://www.ugal.ro/

Background and experience

A forward-thinking, modern and student-oriented institution, "Dunarea de Jos" University of Galati has a firm commitment to generate and transfer knowledge to society through:

- Initial and continuous education – through undergraduate and postgraduate programmes for self-development and career orientation, in an attempt at meeting the demands of the social and economic environment;
- Research, development, innovation and technology transfer – through individual and collective creativity in science, engineering, economics, arts, letters, sciences, humanities, medicine, legal sciences, providing sports performance and physical development, and the dissemination of results.

"Dunarea de Jos" University of Galati has 14 faculties and prepares students for bachelor, master and PhD degrees in various fields (technical, humanistic, economic, health, art). The University organizes doctoral studies in 12 fields under the supervision of 85 doctoral coordinators.

The University is the most important institution of higher education in the South - Eastern part of Romania, with over 12,000 students annually in recent years, being the center of technical, scientific, cultural and social progress with immediate or medium to long term applicability, meant primarily to contribute to the progress of Galati. In this respect, „Dunarea de Jos" University works closely with the socio - economic community providing the specialists it needs while providing consulting and technical solutions to current issues.

- more than 65 years of academic tradition
- 14 faculties, 83 undergraduate study programmes, 82 master programmes and 3 doctoral schools
- more than 200 partner universities from 22 foreign countries

Programs of study: The undergraduate studies leading to a Bachelor Degree take:

- 3 years for Economics, Humanities, Theology, History, Philosophy, Sciences, Physical Education, Drama;
- 4 years for Music (Singing), Law, Nursing and Midwifery, Engineering programs;
- 5 years for Pharmacy and



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- 6 years for Medicine.

All programs are full-time, but with certain fields of study there is an option for part-time or distance-learning degree programs.

The degree programs combine the theoretical background with laboratory and industry experience. The laboratory work is carried out on up-to date facilities specially designated for teaching and also on full-scale industrial equipment. The programs provide for practical training periods spent in industry, enterprises, banks etc. The undergraduate programs are focused on highly specialized subjects which enable the graduates to better adapt themselves to an increasingly demanding job market.

The master degree programs normally take two years of full-time study with emphasis on conducting original research and writing up a project/thesis of a similar quality but smaller in size and scope than a PhD thesis

The activities necessary for obtaining a doctor's degree involve original research, a number of reports and articles and a final PhD thesis. It takes 3 years to complete a doctorate thesis. The university offers all members of the community the necessary conditions for putting into practice their personal aptitudes by means of education, scientific research and social- cultural activities.

The University assumes the role of cultural and civic centre meant to contribute to the formation and dissemination of cultural values, to promote pluralism of options and the development of political and civic culture. The University also assumes the role of scientific and technological creation pole, to support all economic, educational and social entities in the region. Its mission is to promote free thinking and the values attached to the principles of the universality of knowledge.

The university fulfils its mission by achieving the following objectives:

Creating specialists with a superior training for education, science and culture, health, technology, economics, judicial and social activities, according to the study programmes included in the structure of the university, to the educational standards and to the needs of the society;

Updating and improving the training of specialists by master programmes, doctoral studies, post-doctoral studies and continuous training;

One of the objectives of the university is ensuring the quality of teaching activities at national and international standards:

- Improving the curricula, the syllabus and the teaching and evaluation methods;
- Improving education based on transferable credits, to ensure students the possibility of transfer from one study programme to another, and to obtain international recognition of the diplomas awarded by the university;
- Development, diversification of and results from computerising the teaching-training process;

Uncovering, stimulating and valorising the aptitudes of students, giving special attention to individual values.



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“Dunarea de Jos” University of Galati, Romania has been involved in numerous projects both on national and international levels. It is always open for collaboration on international activities, programs, or projects with institutions of higher education or other organizations in a variety of ways. Among others, our international collaboration involves teacher and student exchanges, research collaborations, interdisciplinary platforms and capacity building projects. The importance of STEM education is widely recognized.

In order to really get students to see the interest of STEM degrees and careers and show the key role that STEM plays in improving our lives, our University is keen on joining projects on this topic. In accordance with this, it has recently become a partner in a project entitled, “STEM Education for Primary Schools”, STEM for Youngsters, project reference no. 2021-1-EL01-KA220-SCH-000023967. During primary education, children begin to acquire many concepts, including science, technology, mathematics and engineering.

When teaching these concepts to children, there is a need for specific activities and environments that could enable them to implement new concepts by combining existing ones and constructing them themselves. It is also important to ensure that children learn science by combining STEM areas with the demands of their age group.

Young children are actually STEM researchers who want to discover and invent technology and who, later on, become students and genuine researchers. Other ongoing projects in which our University is a partner are: Debate, project reference no. 2022-1-ES01-KA220-HED-000085513 & Start a civil society organization at European level, project reference no. 2022-1-RO01-KA220-HED-000087012.