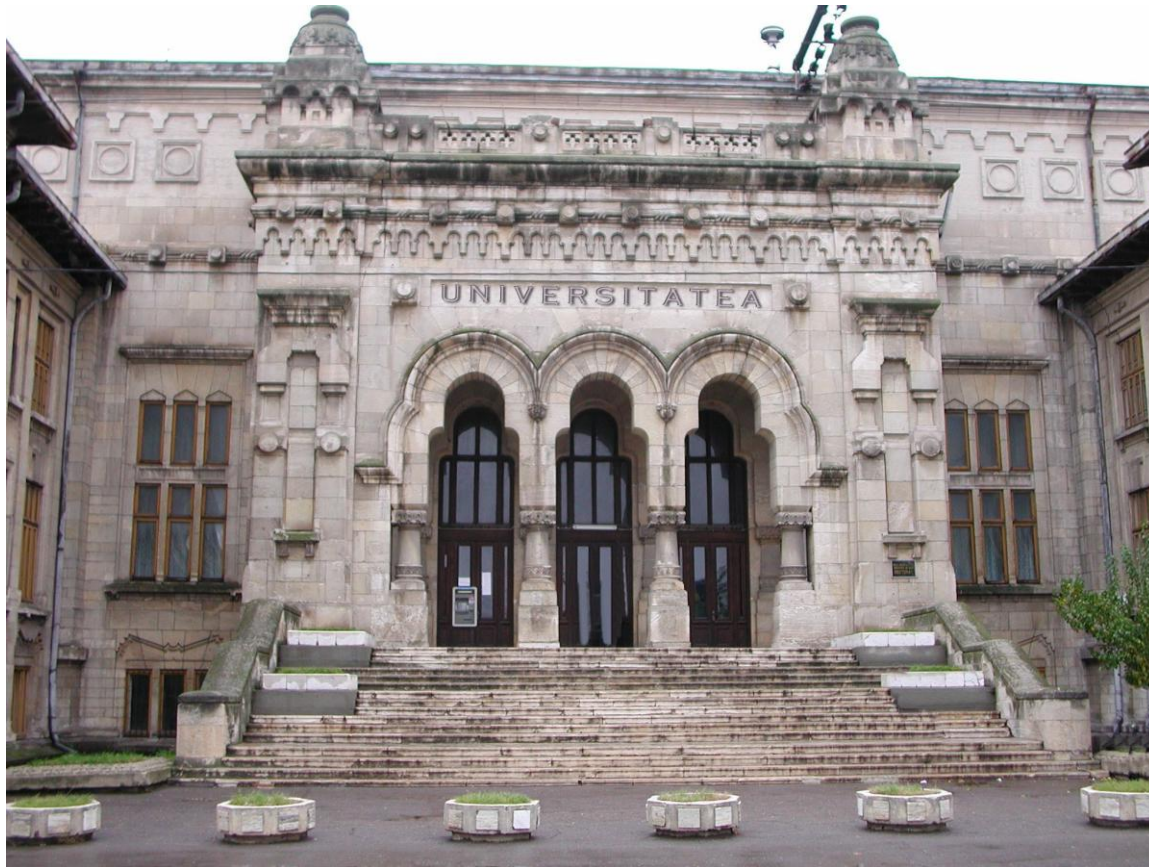
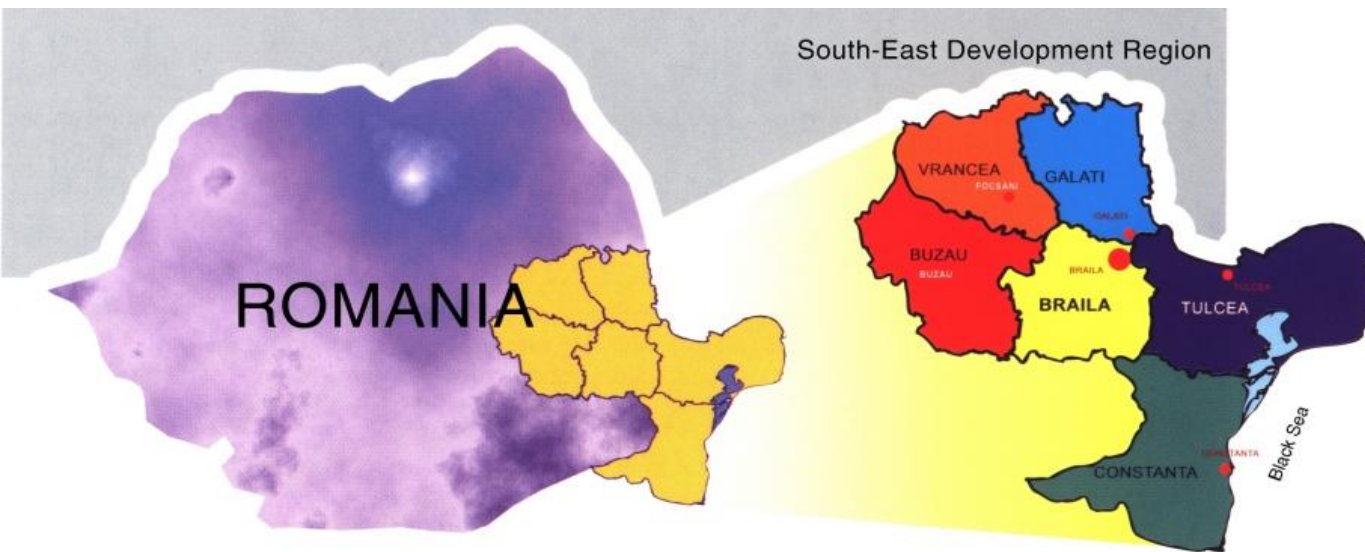


“Lower Danube ” University of Galati ROMANIA





“Lower Danube ” University of Galati is the largest university in the southeast of Romania (more than 18 000 students) and is situated in an important geographic region (2SE-Romania, including 6 counties).

Every year, more than 350 academics are involved in international activities (research and academic projects, conferences, individual grants etc.).



“Lower Danube ” University of Galati

In over 55 years’ existence, the higher education in Galati has provided training for more than 50,000 graduates in engineering, economics and humanities:

Faculty of Mechanical Engineering

Faculty of Naval Architecture

Faculty of Electrical and Electronic Engineering

Faculty of Computer Sciences

Faculty of Metallurgy and Materials Science

Faculty of Engineering in Braila city

Faculty of Food Science and Engineering

Faculty of Sciences

Faculty of Letters and Theology

Faculty of History and Philosophy

Faculty of Law

Faculty of Economic Sciences

Faculty of Physical Education and Sport

Faculty of Medicine

Faculty of Arts

Cross–border Faculty of Humanities, Economic and Engineering Sciences (CAHUL- Republic of Moldavia)



“Lower Danube ” University of Galati

- In the academic year 2006/2007 the University undergraduate and graduate degree programs in 61 areas are available in full-time and part-time attendance, along with distance learning and continuing education opportunities
- New structures have been made available such as Vocational Counseling Center, Continuing education Department, Distance Learning Department



GRADUATE STUDIES

- *Mechanical Engineering*
- *Industrial Engineering*
- *Mechatronics and Robotics*
- *Environment Engineering*
- *Engineering and Management*
- *Naval Architecture and Navigation*
- *System Engineering*
- *Computers and Information technology*
- *Electronics and telecommunications*
- *Electrical Engineering*
- *Materials Sciences*
- *Chemical Engineering*
- *Engineering and Management*
- *Agriculture*
- *Food Products Engineering*
- *Engineering and Management*
- *Bio-technologies*
- *Environment sciences*
- *Geodesy*
- *Health*
- *Theatre*
- *Music*
- *Physics*
- *Chemistry*
- *Information technology*
- *Mathematics*
- *Language and literature*
- *Applied modern languages*
- *Theology*
- *Communication sciences :*
- *History*
- *Philosophy*
- *Sociology*
- *Physical Education and Sport*
- *Law*
- *Administrative Sciences*
- *Marketing*
- *Finances*
- *Accounting*
- *Economics*
- *Business administration*
- *Management*
- *Cybernetics ,statistics and informatics*
- *International Business and Economics*
- *Geography*



MASTER PROGRAMMES

- ***FACULTY OF MECHANICAL ENGINEERING***

Numerical modeling of mechanical and technological processes

Optimization of thermal-mechanical processes

Technological strategies of industrial processes

Quality management

Environment energy and protection

Advanced trends in mechanical engineering (in English)

Computer-aided design and graphics

- **FACULTY OF NAVAL ARCHITECTURE**

Naval Architecture ([taught in English](#))

- **FACULTY OF ELECTRICAL ENGINEERING AND ELECTRONICS**

Automatic control systems in electrical power energy and conversion

Information processing in communication and multimedia ([taught in English](#))

- **FACULTY OF COMPUTER SCIENCE**

Advanced control in automatic systems

Intelligent systems

- **FACULTY OF METALLURGY AND MATERIALS SCIENCES**

Advanced processes and technologies for the metallurgical environment quality;

Advanced metals science.

Nanotechnologies and materials of manifold use

- **FACULTY OF ENGINEERING - BRAILA CITY**

Dynamic analysis of technological equipment and machinery

Quality systems in constructions

CAD engineering

- **FACULTY OF FOOD SCIENCE AND ENGINEERING**

Food products control and expertise;

Aquatic bio-technologies;

European strategies for food quality

- **FACULTY OF SCIENCES**

- Methods of Physical-chemical analysis and control

- Management of education

- Environment monitoring and management



MASTER PROGRAMS

- **FACULTY OF LETTERS AND THEOLOGY**

Texts: theory and practice
Translation and interpretation;
Special discourse ; terminology, translation
Intercultural communication and literature
Cultural globalization and English-language literatures
Language and social interaction

- **FACULTY OF HISTORY AND PHILOSOPHY**

International relations and South-East European studies
Eastern philosophy and spirituality
Multiculturalism and European integration
The Danube in the European history

- **FACULTY OF ECONOMIC SCIENCES**

European strategies of human resources management
Management policies and strategies
Economic information systems
Financial banking management
International business
Marketing-business communication
SMEs management
IT accounting systems
European policies and public finance management
European policies and programs management

- **FACULTY OF PHYSICAL EDUCATION AND SPORT**

Movement activities
Management in sport

- **FACULTY OF LAW**

Public administration of local communities,
Public administration
European policies of public order and individual safety
management

- **CROSS –BORDER FACULTY OF HUMANITIES,
ECONOMIC AND ENGINEERING SCIENCES**

History-Archeology
Food control and expertise
Computer aided design



MASTER PROGRAMS

- **Naval Architecture**

The master program in **Naval Architecture** is intended to train specialists able to approach technical issues arising from the research and design ship and off shore structures During the two years of study , an advanced engineering insight is developed and encouraged along with specific skills and abilities such as research capabilities based on a deep knowledge of the ship architecture, in Romanian and English; management, organization, control and survey abilities, computer skills (using software products such as Shipflow, Fluent, Cosmos); simulation / modeling abilities related to ship hydrodynamics and ship calculus, optimization of the research endeavor, capacity of team working within multicultural environments, efficient communication skills especially in English using a relevant technical vocabulary

- The subjects approached within this master program

Advanced Ship Hydrodynamics
Project Management
Computational Fluid Dynamics
Structural Analysis and Hydroelasticity
Complements in Propulsion Dynamics
Computational Fluid Dynamics
Integrated CAD-CAM Tools in Naval Architecture
CAD-CAE Tools for the Initial Design
R&D Fundamentals
Master Thesis Defense



MASTER PROGRAMS

- **Information Processing in Communications and Multimedia**
(taught in English)

The objectives of this program is to make students familiar with new developments, recent progress, and innovations in the design and implementation of systems, circuits and algorithms for a wide set of applications in communications and multimedia.

Emphasis is on current and future challenges in research and development in both academia and industry.

- The program is open to graduates with a Bachelor's degree or equivalent in relevant fields.
- **Course content (summary)**
 - Advanced Programming languages (Java)
 - Computer Networks
 - Signal Processing
 - Telecommunications networks
 - Data Compression
 - Audio and Image Processing
 - Data security
 - Multimedia Technologies,
 - Projects Management
 - Research ethics.



PhD PROGRAMMES

- The University has a number of eight PhD schools where about 480 PhD students prepare their doctoral thesis under the scientific guidance of 64 doctoral advisers.
- Full-time and extra-mural PhD programs are available in the following fields:
 - Mechanical engineering,
 - Industrial engineering,
 - Electrical engineering
 - Control systems
 - Computer science
 - Electrical engineering
 - Materials Sciences and Engineering
 - Chemistry
 - Economics
 - Management



“Lower Danube ” University of Galati

- The University „Dunărea de Jos” is founding member of the Information Technology Park where students are welcome to work; for some of them this might be quite an opportunity to find a job after graduation
- Modules taught in French (the faculty of Sciences, the faculty of Electrical engineering) and English have been developed
- Moreover, the Faculty of Medicine was set up with the help of the University of Medicine from Bordeaux not only through book and instruments donations but also by organizing training stages for the academic staff.



International Relations

- The University has become actively involved in a large number of European programs (TEMPUS , COPERNICUS , FP6, INCO COPERNICUS , SOCRATES/ ERASMUS, LEONARDO, COST, PECO etc.) through which joint research works and exchanges of both students and academic staff have been developed
- In the last 3 years, about 450 students have been granted Erasmus scholarships to study in various European countries.
- It is also worth mentioning the large number of incoming students (from Spain, Portugal, France, Netherlands etc.) willing to study in our university under the Erasmus program.



Education and research facilities

- The scientific research is focused upon major domains of activity.
- The research results are made known in scientific sessions and symposia organized at departments every year, in national conferences and other renewed scientific manifestations.
- In addition to the teaching staff, a large number of students effectively contribute to the research and design projects. The senior students work within joint teams made up of both teachers and students, carrying out research and design works in accordance with the themes provided by the University programs.



Education and research facilities

- The University has a **scientific bulletin** with nine issues annually; the bulletin is translated into foreign languages. The issues cover
Social and Humanistic Sciences,
Mathematics,
Physics,
Theoretical Mechanics,
Electronics, Informatics,
Electrotechnics,
Automatic Control Computation Techniques,
Shipbuilding and Refrigerating Systems,
Tribology,
Machine-building Technology,
Food Chemistry and Processing Technologies,
Fishing Technology,
Metallurgy.

By means of the Bulletin a fruitful exchange of scientific information is achieved with more than 76 partners from 22 countries in the world.



Education and research facilities

- The University provides a full range of laboratories and services available to both students and academic staff.
- Computing resources are available at all departments and students have free and unlimited access to them.
- The University library has over 600, 000 volumes distributed through five fully library units placed in the whole campus. The library has recently been computerized so one can find information from a variety of sources including books, newspapers, journal articles.



Campus Facilities

- The University campus maintains 11 hotels/dormitories for students.
- There are two restaurants where three meals a day are available against payment.
- The medical center makes a wide range of medical services available for students (internal medicine, dentistry, echo-graph, etc).
- The University has its own printing and publishing house and its own TV studio facilities.