

# Universitatea „Vasile Alecsandri” din Bacău

“Vasile Alecsandri”  
University of Bacău

Université  
«Vasile Alecsandri»  
de Bacău



**ePlatformă**  
Soluții de management  
e-learning

**Tablă interactivă**

**eContinut**  
Conținut educațional  
interactiv

**eno**

Predarea și învățarea  
științelor și disciplinelor tehnologice  
prin intermediul rețelei  
de table interactive ceramice  
cu sunet integrat  
(eno)

[www.enoeducation.ro](http://www.enoeducation.ro)

Proiect finanțat prin PN II -  
PARTENERIATE ÎN DOMENIUL ÎNVĂȚĂRII  
și altele asemenea prin  
*Ușile deschise*  
și altele asemenea prin PN II -  
PARTENERIATE ÎN DOMENIUL ÎNVĂȚĂRII

Education and Culture DG

Lifelong Learning Programme

# Green Pro

LIFE+08/NT/RO/000507

*Pentru promovarea  
produselor verzi în  
Romania*

FoodDrinks

**100% RES communities**

INTELLIGENT  
ENERGY  
EUROPE  
FOR A SUSTAINABLE FUTURE

**innova**

Teoro

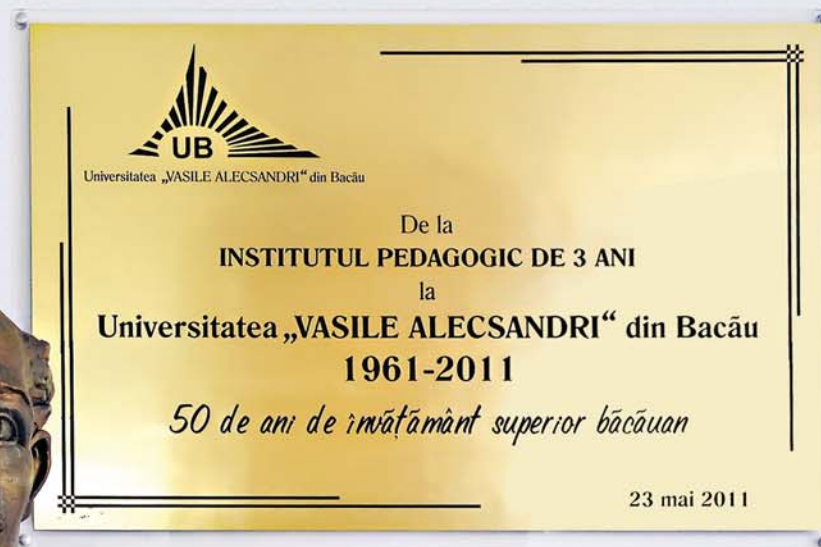
**100% SRE ÎN  
COMUNITĂȚI**



manu  
net

**RURENER**  
Network of small  
RURAL communities  
for ENERgetic neutrality

# Universitatea „Vasile Alecsandri” din Bacău



**Vasile Alecsandri**  
(n. 1818, Bacău - d. 1890, Mircești)



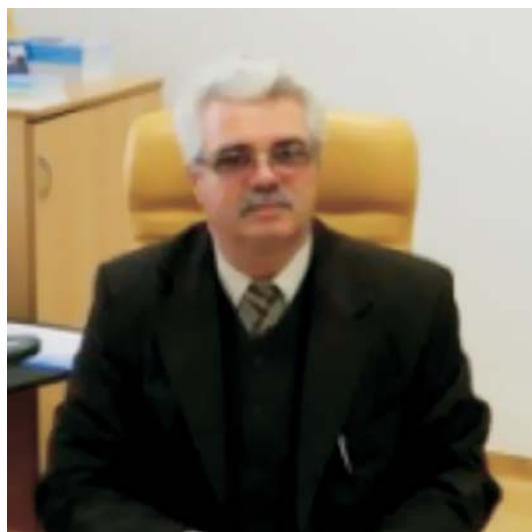


at example.eu/education/erasmus



**ERASMUS  
CHANGING  
LIVES  
OPENING  
MINDS  
FOR  
25 YEARS**





*In 1961, on the basis of the Decision of the Ministers' Council no. 547/1961 and the Order of the Minister of Education and Culture no. 688/1961, the Pedagogical Institute of Bacău was founded and, in 1976, the Pedagogical Institute became the Institute of Higher Education of Bacău, in which most of the study programmes were technical. In 1990, the Institute becomes the **University of Bacău**, in accordance with the Order no. 7751/1990 of the Ministry of Culture, and as of October 13, 2009 (cf. M. O. nr. 684/12.10.2009) changes its name to **“Vasile Alecsandri” University of Bacău**.*

*The mission of **“Vasile Alecsandri” University of Bacău** is both a didactic mission and one of scientific research; it is focused upon regional necessities and internationally. The University trains its students in fundamental domains and disciplines and ensures appropriate qualifications in B.A./B.Sc. domains and specialisations.*

*The improvement of the graduates' professional and research training is also achieved through graduate studies, doctoral studies, short-term graduate studies, lifelong learning courses, post-graduate studies of specialization, and academic programmes of professional conversion.*

***Between 1990 and 2012, “Vasile Alecsandri” University of Bacău** has been developing its range of domains and study programmes; it is currently structured into five faculties and 1 department, 34 B.A./B.Sc. programmes, 32 M.A./M.Sc. programmes, 3 doctoral programmes; various other post-graduate courses are also developed.*

*In addition to the above-mentioned programmes, the students of **“Vasile Alecsandri” University of Bacău** may attend the courses of the Pre-service and In-service Teacher Training Department; they can obtain the ECDL – European Computer Driving Licence which is the world's leading end-user computer skills certification programme, internationally accepted in over 135 countries; they may also attend the academic Cisco Networking Academy programme, in which over 50 countries participate.*

## The Rector's Message

*The quality of the didactic and research activity that is carried out at “Vasile Alecsandri” University of Bacău is also internationally acknowledged and is one of the foundations for the achievement of bilateral programmes of students' and teaching staff's mobilities among European universities. At present, “Vasile Alecsandri” University of Bacău collaborates with 71 European universities within the framework of the SOCRATES Programme and 20 other agreements have been signed with foreign universities and research institutes.*

*The living standards of the students in Bacău are high, both from the perspective of the accommodation and social facilities as well as from the point of view of the cultural offer of the town of Bacău.*

*These are only some of the reasons for which we recommend “Vasile Alecsandri” University of Bacău to high-school graduates for their B.A./B.Sc. studies, to university graduates for their M.A./M.Sc. studies, to M.A./M.Sc. graduates for their doctoral studies. All our students and alumni, all those that benefited from the services of our University can certify the information above.*

*Whatever your age may be, you are welcome to experience what “Vasile Alecsandri” University of Bacău can offer, to acquire the training you desire. Our continued existence of over fifty years entitles us to firmly believe that we are a trustworthy partner.*

*Professor **Valentin NEDEFF**, Dr. Sc.  
The Rector of “Vasile Alecsandri” University of Bacău*

# A BRIEF HISTORY OF THE UNIVERSITY

“Vasile Alecsandri” University of Bacău is an important constituent part of the Romanian educational system; its achievements are nationally and internationally acknowledged for the quality of its academic and research activity.

“Vasile Alecsandri” University of Bacău is situated in Central Moldavia, in Bacău, the capital of the county of Bacău. The town has a population of approximately 200,000 inhabitants and a long history, as it is one of the oldest in Romania. The first documents attesting the existence of the town were issued during the reign of Alexandru cel Bun and date back to 1408. The town is situated at the crossroads of national and international transport corridors that connect Bucharest with the northern part of the country, and Moldavia with Transylvania.

The University emerged and has developed in an organic connection with the historical and cultural traditions of the region.

In 1961, the Pedagogical Institute was founded. It had three faculties: Humanities, Mathematics, and Natural Sciences. The Faculty of History and Geography, and the Faculty of Physical Education were added in 1964; in 1976, the Faculty of Engineering is founded (its first study programme was Machine-building Technology). In the same year, the Pedagogical Institute becomes the Institute of Higher Education of Bacău. In 1984, the Institute of Higher Education of Bacău was transformed into a Sub-engineers' Institute, under the guidance and administration of the Polytechnical Institute of Iași. In 1985, the study programmes Inorganic Chemistry Technology, and, in 1986, Power Networks are transferred from the Polytechnical Institute of Iași to the Sub-engineers' Institute of Bacău.

In 1990, under the provisions of the Order of the Minister of Education, no. 7751/1990, the Sub-engineers' Institute became the University of Bacău, with two faculties: the Faculty of Engineering, and the Faculty of Letters and Sciences. In the period 1990 – 2004, the Faculty of Engineering developed and diversified its structure into 11 study programmes for diploma engineers (5-year courses) and 4 study programmes for engineers (3-year courses).



In 1996, the Department of Physical Education and Sports, then a constituent part of the Faculty of Letters and Sciences, was transformed into the Faculty of Physical Education and Sports. In 2005, the name of the faculty is changed by governmental decision into the Faculty of Movement, Sports, and Health Sciences.

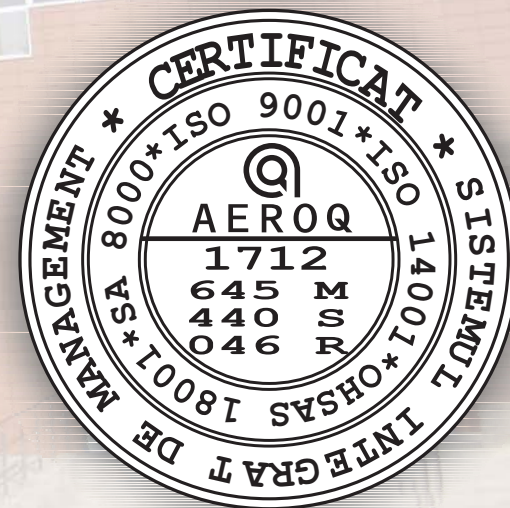
In July 2002, the Faculty of Letters and Sciences is divided into two distinct faculties: the Faculty of Sciences and the Faculty of Letters.

In September 2004, the Faculty of Sciences splits into the Faculty of Sciences (departments: Biology, Biology – Geography, and Mathematics – Physics) and the Faculty of Economic Sciences. In the academic year 2005-2006, all the 3-year, 4-year, and 5-year study programmes (that were organized in accordance with the Government Decision no 896/2004) were reorganized as B.A./B.Sc. programmes in keeping with the Government Decision no. 88/2005.

As of October 13, 2009, the University of Bacău's name is changed to Universitatea “Vasile Alecsandri” din Bacău (**“Vasile Alecsandri” University of Bacău**), in compliance with the Official Monitor no. 684/Oct. 12, 2009.

As of 2010, **“Vasile Alecsandri” University of Bacău**, is certified, in compliance with IWA 2:2009, ISO 9001:2008, ISO 14001:2005, SR OHSAS18001:2008 and SA 8000:2008, the Integrated Management System: Quality, Environment, Health and Occupational Safety, and Social Responsibility for *“B.A./B.Sc., M.A./M.Sc., and PhD programmes, full attendance, reduced attendance and distance courses, for lifelong learning, post-graduate specialization, for scientific research, technological transfer, technical consultancy and assistance”*.

In 2012, “Vasile Alecsandri” University of Bacău, certified the Food Security Management System for the University canteen, for *“preparing and selling culinary products”*, in compliance with the standard SR EN ISO 22000:2005.





# SCIENTIFIC RESEARCH

The main mission of “Vasile Alecsandri” University of Bacău, as far as the research component of its academic activity is concerned, is represented by the progress of research, development, and innovation initiatives. In accordance with the assumed mission, the main objectives of the research activity of “Vasile Alecsandri” University of Bacău are the following:

- to turn to account the results of the research activity, efficiently and in an optimal way;
- to integrate its research activities into national and European programmes;
- to develop research laboratories and centers;
- to develop scientific research within the framework of post-graduate studies;
- to involve students in research programmes.

Every year, “Vasile Alecsandri” University of Bacău hosts numerous local, regional, national, and international events: scientific conferences, symposia, workshops, and summer schools. These events represent as many opportunities for the dissemination of research results. Scientific articles authored by University teaching staff and researchers are published in international database indexed journals and reviews. “Vasile Alecsandri” University of Bacău co-ordinates and participates in various types of research projects (national and international grants), as well as development projects.

“Alma Mater” Publishing House of “Vasile Alecsandri” University of Bacău edits and publishes important scientific journals and reviews: *Journal of Engineering Studies and Research*, *Scientific Studies and Research. Series Chemistry and Chemical Engineering, Biotechnology, Food Industry (SCS)*, *Actes du Colloque Franco-Roumain de Chimie Appliquée COFrRoCA* - co-ordinated by the Faculty of Engineering; *Interstudia*, *Cultural Perspectives: Journal for Literary and British Cultural Studies in Romania*, *Scientific Studies and Research. Series Philology* - co-ordinated by the Faculty of Letters; *Scientific Studies and Research. Series Mathematics and Informatics*, *Scientific Studies and Research. Series Biology (SCSB)* - co-ordinated by the Faculty of Sciences; *Scientific Studies and Research. Series Economic Sciences* - co-ordinated by the Faculty of Economic Sciences; *Gymnasium Scientific Journal of Education, Sports and Health* - co-ordinated by the Faculty of Movement, Sports and Health Sciences.

“Vasile Alecsandri” University of Bacău continually develops communication channels with the economic environment. Members of the academic community are involved in research themes that aim at solving important issues of the contemporary society, and economic and social decision-makers collaborate in numerous scientific domains with the University laboratories and research centres.



# INTERNATIONAL CO-OPERATION

The relationships of international co-operation of “Vasile Alecsandri” University of Bacău have multiplied recently and bilateral collaboration agreements have been signed with prestigious universities. Most of these agreements function within the framework of the Erasmus, Leonardo da Vinci, and Grundtvig programmes. As of January 2004, “Vasile Alecsandri” University of Bacău is an associate member of the Agence Universitaire de la Francophonie (AUF), which gives it the right to participate in AUF programmes and to benefit from mobilities to Francophone countries.

The collaboration with universities in Europe, Canada, and Africa has materialized into student and teaching staff exchanges, joint research projects, and the organization of international conferences and symposia.

The list of the Erasmus Lifelong Learning Programme partners of “Vasile Alecsandri” University of Bacău consists of:

- AUSTRIA • *Technische Universität Graz*
- BELGIUM • *Haute École Libre Mosane (HELMo) de Liège*
- BULGARIA • *Angel Kanchev University of Ruse*
- CROATIA • *University of Zagreb*
- DENMARK • *Engineering College of Aarhus*  
• *VIA University College*
- FINLAND • *Vaasa University of Applied Sciences*  
• *Oulu University of Applied Sciences*
- FRANCE • *Université d'Angers*  
• *Université d'Artois*  
• *Université Franche-Compte de Besançon*  
• *Université Michel de Montaigne Bordeaux 3*  
• *Université de Bretagne Occidentale de Brest*  
• *Université de Caen Basse-Normandie*  
• *Université Blaise Pascal Clermont-Ferrand 2*  
• *ENSC de Clermont-Ferrand*

- FRANCE • *Université du Littoral Côte d'Opale Dunkerque*  
• *Centre Hospitalier Universitaire de Grenoble - École de Kinésithérapie*  
• *Université du Havre*  
• *Université de La Rochelle*  
• *Université des Sciences et Technologies de Lille 1*  
• *Université Lille 2 Droit et Santé*  
• *Université de Limoges*  
• *Institut National des Sciences Appliquées de Lyon*  
• *Université Paul Verlaine - Metz*  
• *École Nationale d'Ingénieurs de Metz*  
• *Université Henri Poincaré Nancy 1*  
• *Université de Nantes*  
• *Université d'Orléans*  
• *ENS des Mines de Paris (Mines Paris Tech)*  
• *IFE ADERE Paris*  
• *Université de Poitiers*  
• *École Nationale Supérieure de Chimie de Rennes*  
• *Université Jean Monnet de Saint-Etienne*  
• *Université Paul Sabatier Toulouse III*

- GERMANY • Humboldt Universität zu Berlin
- Fachhochschule Darmstadt
- Fachhochschule Emden/Leer
- Fachhochschule Jena
- Universität Osnabrück
- Fachhochschule Stralsund
- GREECE • Technological Educational Institution of Athens
- HUNGARY • Karoly Robert University College
- ITALY • Università Politecnica delle Marche
- Università degli Studi dell'Aquila
- Università degli Studi di Firenze
- Università degli Studi di Parma
- Università degli Studi di Torino
- Politecnico di Torino
- Università degli Studi di Trieste
- THE NETHERLANDS • Hanzehogeschool Groningen
- POLAND • Uniwersytet im. Adama Mickiewicza
- Uniwersytet Mikołaja Kopernika w Toruniu
- Uniwersytet Wrocławski
- Politechnika Wroclawska
- Akademia Wychowania Fizycznego we Wrocławiu
- Wyższa Szkoła Filologiczna we Wrocławiu/  
Philological School of Higher Education in Wrocław
- PORTUGAL • Universidade de Aveiro
- SLOVAKIA • Comenius University in Bratislava
- SPAIN • Universidad de Castilla La Mancha
- Universidad Miguel Hernandez de Elche
- Universidad de La Rioja

- SPAIN • Universidad Complutense de Madrid
- Universidad de Sevilla
- Universidad de Valladolid
- Universidad de Zaragoza
- SWITZERLAND • Universität Bern
- TURKEY • Adnan Menderes Üniversitesi
- Atatürk Üniversitesi Erzurum
- İstanbul Bilgi Üniversitesi
- Kocaeli Üniversitesi of İzmit

#### Others types of collaborations

“Vasile Alecsandri” University of Bacău also has co-operation agreements and protocols for academic and research activities with universities and research institutes in *Belgium, Bulgaria, Canada, the Czech Republic, Switzerland, France, Germany, Greece, Lebanon, Morocco, Poland, the Republic of Moldova, Serbia, Syria, Slovenia, Spain, Turkey, the Ukraine, and Hungary.*

As of 2008, our University has offered specialized training to beneficiaries of scholarships granted by the “Eugen Ionescu” Doctoral and Postdoctoral Programme from countries such as *Cameroon, the Ivory Coast, Mauritania, and Senegal.* This programme is jointly managed by the Romanian Ministry of Foreign Affairs and the Agence Universitaire de la Francophonie (AUF).

“Vasile Alecsandri” University of Bacău is affiliated to international networks such as *Black Sea University Network (BSUN), European Network of Physiotherapy in Higher Education (ENPHE), and European Network of Occupational Therapy in Higher Education (ENOTHE).*



## The Faculty of Engineering



### Contact

Address: *157, Calea Mărășești Street, Building B, Bacău*  
Tel./Fax: *0040 234 580 170*  
E-mail: *decaning@ub.ro*  
Web: *http://inginerie.ub.ro*

**T**he Faculty of Engineering is integrated in the network of state technical faculties in Romania and plays an important role in ensuring the continuity and development of Romanian technical higher education. The Faculty of Engineering is also an important constituent part of “Vasile Alecsandri” University of Bacău. The mission of the Faculty of Engineering is shaped by its participation in the creation and promotion of the values of science and technology, by endorsing scientific research, by integrating it in the regional, national, and international systems.

It is the special objective of the **Faculty of Engineering** to contribute to the scientific and technological development of Central Moldavia by training engineers and by supporting scientific and technological transfer.

### ✓ Departments:

- The Department of Mechanical Engineering and Environmental Engineering;
- The Department of Mechanical Systems Engineering and Management;
- The Department of Industrial Systems Engineering and Management;
- The Department of Power Engineering, Mechatronics, and Computer Science;
- The Department of Chemical and Food Engineering.

### ✓Research Centres:

- The Center of Excellence for Research and Professional Training in Design, Simulation, Industrial and Life-cycle Management;
- Managerial and Technological Engineering;
- Mechanical Engineering;
- Energetics, Mechatronics and Informatics;
- Physical Engineering and Environmental Engineering;
- Applied Chemistry and Process Engineering.

### Domains and Study Programmes:

	Domain	Study programme	Statute	Attendance	Number of credits
B.Sc.	<b>Industrial Engineering</b>	Machine Building Technology	A	FA	240
		Industrial Design	A	FA	240
		Quality Management and Engineering	A	FA	240
	<b>Food Products Engineering</b>	Food Products Engineering	A	FA	240
	<b>Mechatronics and Robotics</b>	Mechatronics	A	FA	240
	<b>Engineering and Management</b>	Economic Engineering in the Domain of Mechanics	A	FA	240
	<b>Computers and Information Technology</b>	Information Technology	A	FA	240
	<b>Power Engineering</b>	Industrial Power Engineering	A	FA	240
	<b>Mechanical Engineering</b>	Equipment for Industrial Processes	A	FA	240
	<b>Enviromental Engineering</b>	Environmental Engineering and Protection in Industry	A	FA	240
	<b>Chemical Engineering</b>	Biochemical Engineering	A	FA	240
		Food Safety and Control	PA	FA	240

A - Accredited study programme; PA- provisionally authorized study programme; FA – full-time attendance.

Domain	Study programme	Statut	Number of credits
<b>Industrial Engineering</b>	Industrial Production Management	A	90
	Optimization and Computerization of Manufacturing Processes and Equipment for Industrial Products	A	90
	Strategies for Quality Assurance in Industry	A	90
	Management of the Product Life-cycle	A	90
<b>Food Products Engineering</b>	The Science and Engineering of Ecological Food Products	A	90
<b>Engineering and Management</b>	Management of the Industrial Production and Services Systems	A	90
<b>Power Engineering</b>	Modern Technological Equipment for Power Engineering	A	90
	Management and Computerization of Thermo- and Electrical Power Processes	A	90
<b>Mechanical Engineering</b>	Management and Optimization of Equipment for Industrial Processes	A	90
<b>Environmental Engineering</b>	Management of Environmental Protection in Industry	A	120
	Procedures and Methods of Measurement in Environmental Engineering	A	90
<b>Chemical Engineering</b>	Unconventional Materials in Modern Biotechnologies	A	90
	Conception, synthese, analize de molecules d'intérêt biologique	A*	120
<b>Mechanical Engineering, Industrial Engineering, Engineering and Management</b>	Mechanical Structures Analysis	A	90
<b>Chemical Engineering, Food Products Engineering</b>	Chemistry and Engineering of Natural Products Processing and Utilization	A	90
<b>Mechatronics and Robotics</b>	Advanced Mechatronics	A	90
<b>Mechanical Engineering, Industrial Engineering, Environmental Engineering Mechatronics and Robotics</b>	Equipments for Rehabilitation and Assistive Technologies	A	120

A - Accredited study programme; PA- provisionally authorized study programme; FA – full-time attendance.  
 \* – Collaboration with Université d'Orléans, France, diploma issued by both universities; courses are held in French.

## Doctoral Domains

**Industrial Engineering**

**Mechanical Engineering**

**Environmental Engineering**

## Post-graduate Training and Lifelong Professional Development

**Applied Informatics and Programming**

**Applied Mechatronics**

**Technological Education**

**Environmental Protection**

**Waste Products Management**

**Environmental Protection Surveyor**

**Environment Management System Manager**

**Environment Impact Evaluators**

**Environment Auditor**

**Work Safety Surveyor**

**Occupational Safety and Health**

**Risk Evaluation, Occupational Safety and Health**

## LLP-ERASMUS MOBILITIES

### **AUSTRIA**

- **Technische Universität Graz** - Mechanical Engineering

### **BULGARIA**

- **Angel Kanchev University of Ruse** - Environmental Engineering

### **DENMARK**

- **Engineering College of Aarhus** - Mechanical Engineering

### **FINLAND**

- **Vaasa University of Applied Sciences** - Mechanical Engineering

### **FRANCE**

- **Université d'Artois** - Electrical Engineering, Mechanical Engineering
- **Université Franche-Comté de Besançon** - Technological Engineering
- **Université de Caen Basse-Normandie** - Food Products Engineering
- **Université Blaise Pascal Clermont-Ferrand 2** - Food Products Engineering, Chemical Engineering
- **ENSC de Clermont-Ferrand** - Chemistry, Chemical Engineering

- FRANCE**
- **Université du Littoral Côte d'Opale Dunkerque** - Chemistry
  - **Université du Havre** - Electrical Engineering
  - **Université de La Rochelle** -Chemistry, Biochemistry
  - **Université des Sciences et Technologies de Lille 1** - Chemistry, Biochemistry
  - **Université Lille 2 Droit et Santé** - Chemistry (Biotechnologies)
  - **Université de Limoges** - Mechanical Engineering, Environmental Engineering, Mechatronics
  - **Institut National des Sciences Appliquées de Lyon** - Technological Engineering
  - **Ecole Nationale d'Ingénieurs de Metz** - Mechanical Engineering
  - **Université Paul Verlaine de Metz** -Mechanical Engineering
  - **Université Henri Poincaré Nancy 1** - Electrical Engineering
  - **Université d'Orléans** - Chemical Engineering, Chemistry
  - **ENS des Mines de Paris (Mines Paris Tech)** - Chemical Engineering
  - **ENSC de Rennes** - Chemical Engineering
- GERMANY**
- **Fachhochschule Darmstadt** - Mechanical Engineering
  - **Fachhochschule Jena** - Mechanical Engineering
  - **Universität Osnabrück** - Chemistry
  - **Fachhochschule Stralsund** - Mechanical Engineering
- GREECE**
- **Technological Educational Institution of Athens** - Technological Engineering
- HUNGARY**
- **Karoly Robert University College** - Technological Engineering
- ITALY**
- **Università Politecnica delle Marche Ancona** - Mechanical Engineering
  - **Università degli Studi di Firenze** - Mechanical Engineering
  - **Università degli Studi di Parma** - Mechanical Engineering
  - **Politecnico di Torino** - Mechanical Engineering, Engineering and Management, Environmental Engineering
  - **Università degli Studi di Trieste** - Technological Engineering
- THE NETHERLANDS**
- **Hanzehogeschool Groningen** - Mechanical Engineering
- POLAND**
- **Politechnika Wroclawska** - Mechanical Engineering
- SPAIN**
- **Universidad de Castilla La Mancha** - Mechanical Engineering, Electrical Engineering
  - **Universidad de la Rioja** - Chemical Engineering, Mechanical Engineering



**SPAIN**

- **Universidad de Valladolid** - Mechanical Engineering, Technological Engineering, Food Products Engineering
- **Universidad de Zaragoza** - Mechanical Engineering

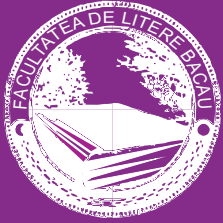
**TURKEY**

- **Kocaeli University of Izmit** - Technological Engineering

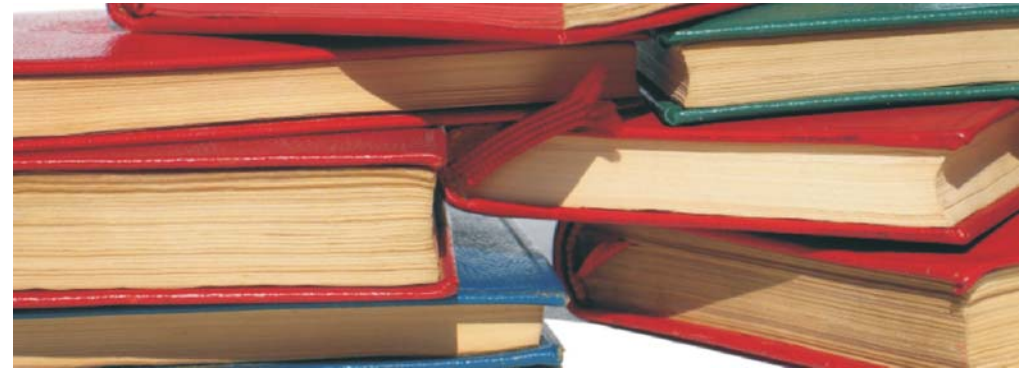


**Others Types of International Collaboration**

The Faculty of Engineering also has co-operation agreements and protocols for academic and research activities with universities and research institutes in *France, Germany, Morocco, Great Britain and the Republic of Moldova.*



## The Faculty of Letters



### Contact

Address: *8, Spiru Haret Street, Building C, Bacău*  
Tel./Fax: *0040 234 588 884*  
E-mail: *litere@ub.ro*  
Web: *http://litere.ub.ro*

**T**he Faculty of Letters perpetuates the tradition of philological education in Bacău and constantly improves its educational offer, adapting it to the requirements and dynamics of contemporary society. Besides the study programmes for Romanian language and literature and for foreign languages and literatures (English and French), new B.A. study programmes have recently been introduced, such as Translation and Interpreting, Communication and Public Relations as well as M.A. study programmes that focus upon helping students to reach a proficient level in communication competences. This diversification offers the graduates increased opportunities of entering the labour market in a successful way as teachers, translators, interpreters, clerical staff for public administration or European institutions, etc.

Important means for assuring the qualitative training of the undergraduates of the **Faculty of Letters** are the numerous international mobilities of the Erasmus programmes and the academic exchanges and collaboration with foreign partners.

### ✓ Departments:

- The Department of Foreign Languages and Literatures;
- The Department of Romanian Language and Literature and Communication Sciences.

### ✓ Research Centres :

- The Interdisciplinary Study Centre of Contemporary Discursive Forms (INTERSTUD);
- The Centre of Textual Exploration and Action through Language (CETAL).



## Domains and Study Programmes:

<b>Domains and Study Programmes:</b>					
<b>B.A.</b>	<b>Domain</b>	<b>Study programme</b>	<b>Statute</b>	<b>Attendance</b>	<b>Number of credits</b>
	<b>Language and Literature</b>	Romanian Language and Literature–English /French Language and Literature	A	FA	180
		English Language and Literature–French Language and Literature	A	FA	180
		English/French Language and Literature–Romanian Language and Literature	A	FA	180
	<b>Communication Sciences</b>	Communication and Public Relations	A	FA	180
<b>Applied Modern Languages</b>	Translation and Interpreting (English – French)	AP	FA	180	
<b>M.A.</b>	<b>Domain</b>	<b>Study programme</b>	<b>Statute</b>	<b>Attendance</b>	<b>Number of credits</b>
	<b>Language and Literature</b>	Communication Practices in the English language (in English)	A	FA	120
		Linguistic Studies in English (in English)	A	FA	120
		Anglophone Cultures and Literatures – Discourse Practices	A	FA	120
		Communication Practices in the French language (in French)	A	FA	120
		Romanian Culture and Literature	A	FA	120
		Discourse and Communication	A	FA	120
<b>Preparatory Courses (one year)</b>					
Romanian as a Foreign Language (for foreign citizens)					

## LLP-ERASMUS MOBILITIES

### BELGIUM

- Haute École Libre Mosane (HELMo) de Liège - Philology

### FRANCE

- Université de Poitiers - Philology
- Université Michel de Montaigne Bordeaux 3 - Philology
- Université Jean Monnet de Saint-Etienne - Philology
- Université de Limoges - Philology
- Université de Bretagne Occidentale de Brest - Philology
- Université d'Angers - Philology
- Université d'Orléans - Philology
- Université de Nantes - Philology

### ITALY

- Università degli Studi di Torino - Communication Sciences

### POLAND

- Uniwersytet im. Adama Mickiewicza - Philology
- Uniwersytet Mikolaja Kopernika w Toruniu - Philology
- Uniwersytet Wroclawski - Philology
- Wyższa Szkoła Filologiczna we Wrocławiu/  
Philological School of Higher Education in Wrocławiu  
- Philology

### TURKEY

- Atatürk Üniversitesi of Erzurum - Philology







## The Faculty of Sciences



### Contact

Address: *Calea Mărășești, nr. 157 Bacău*

Tel./Fax: *0040 234 571 012*

E-mail: *stiinte@ub.ro*

Web: *http://stiinte.ub.ro*

**T**he Faculty of Sciences, a component of “Vasile Alecsandri” University of Bacău, continues the tradition of academic education in Bacău in the fields of exact sciences and the sciences of life. Thus, the Faculty of Mathematics and the Faculty of Natural Sciences have been in existence ever since the foundation of the Pedagogical Institute of Bacău in 1961.

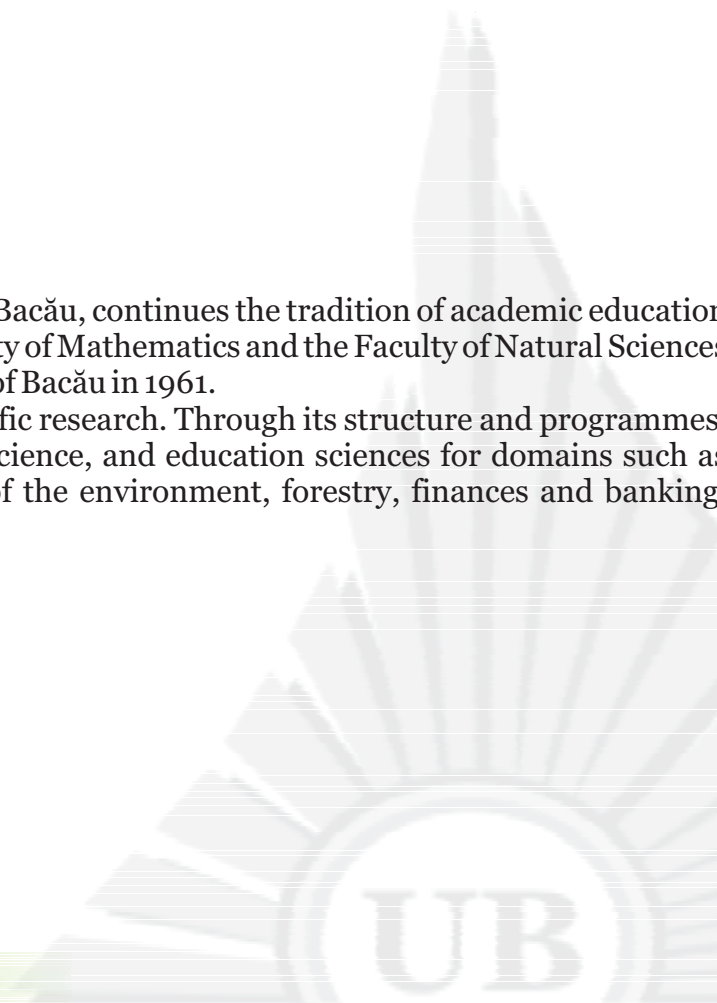
**The Faculty of Sciences** has a double mission – a didactic one and one of scientific research. Through its structure and programmes, the Faculty trains specialists in mathematics, biology, computer science, environment science, and education sciences for domains such as education, research, software and IT, health, biotechnologies, ecology, the protection of the environment, forestry, finances and banking, insurance, etc.

### ✓ Departments:

- The Department of Mathematics, Informatics, and education sciences;
- The Department of Biology, Ecology, and Environmental Protection.

### ✓ Research Centres:

- The Mathematics-Informatics Research Center;
- The Research Centre “Resources of the Environment and Biotechnologies”.



## Domains and Study Programmes:

B.Sc.	Domain	Study programme	Statute	Attendance	Number of credits
	Mathematics	Mathematics	A	FA	180
	Informatics	Informatics	A	FA	180
		Informatics	PA	RA	180
	Biology	Biology	A	FA	180
	Environmental science	Ecology and Environmental Protection	PA	FA	180
	Education Sciences	Pedagogy of Preschool and Primary Education	A	FA	180

M.Sc.	Domain	Study Programme	Statute	Attendance	Number of credits
	Mathematics	Didactic Mathematics	A	FA	120
		Mathematical Models and IT Systems for Banking and Finance	A	FA	120
	Informatics	Applied Informatics in Sciences and Technology	A	FA	120
	Biology	The Use of Biological Resources and Environmental Protection	A	FA	120

## LLP-ERASMUS MOBILITIES

### DENMARK

- VIA University College
- Education Sciences

### FRANCE

- Université Paul Sabatier Toulouse III
- Biology
- Université de Limoges (IUFM)
- Education Sciences

### GERMANY

- Fachhochschule Emden/Leer
- Informatics

### PORTUGAL

- Universidade de Aveiro
- Biology

### SPAIN

- Universidad Complutense de Madrid
- Mathematics and Informatics

### SWITZERLAND

- Universität Bern
- Informatics

### TURKEY

- Istanbul Bilgi Universitesi
- Informatics

## OTHER TYPES OF INTERNATIONAL COLLABORATION

Università della Svizzera italiana, Lugano, Switzerland



## The Faculty of Economic Sciences



### Contact

Address:

*8, Spiru Haret Street, Building C, Bacău*

Tel./Fax:

*0040 234 542411; 0040 234 516345*

E-mail:

*stiintec@ub.ro*

Web:

*<http://fsec.ub.ro>*

**T**he Faculty of Economic Sciences is, together with the other four faculties of “Vasile Alecsandri” University of Bacău, an active and dynamic presence in the national academic system and in the economic and social life of Central Moldavia.

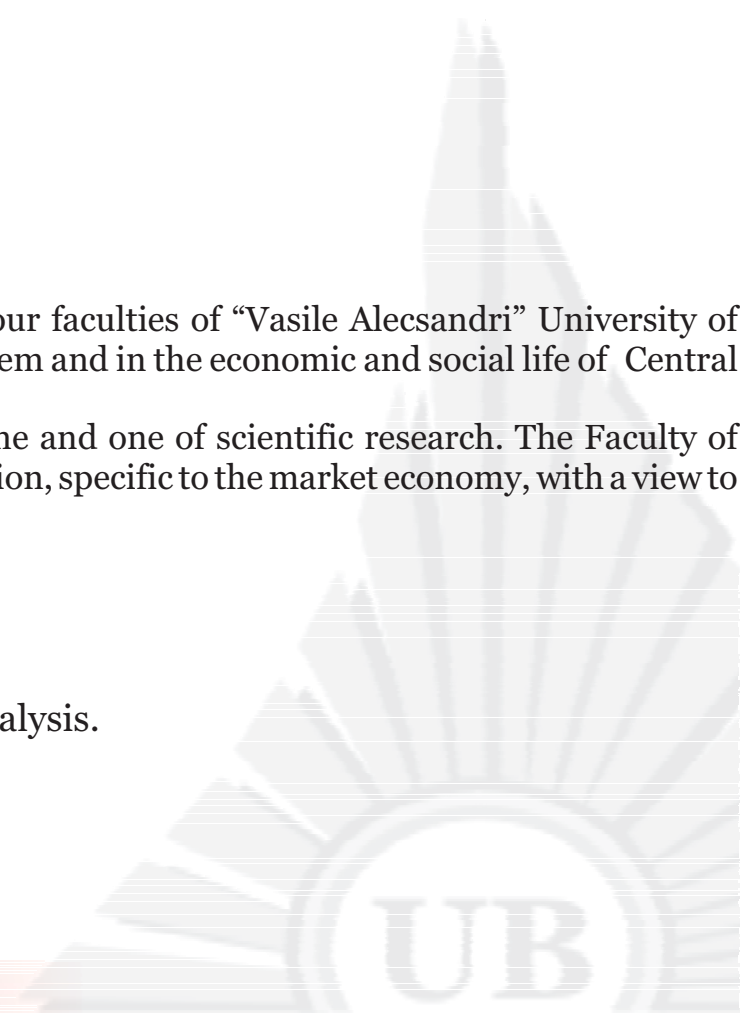
The mission of the **Faculty of Economic Sciences** is both a didactic one and one of scientific research. The Faculty of Economic Sciences educates and trains students in the spirit of the modern conception, specific to the market economy, with a view to integrating a European vision in the Romanian firms.

### ✓Departments:

- The Department of Marketing and Management;
- The Department of Accounting, Auditing, and Economic and Financial Analysis.

### ✓Research Centres:

- The Research Centre “Economic Studies and Research”.





## Domains and Study Programmes:

B.Sc.	Domain	Study Programme	Statute	Attendance	Number of credits
	<b>Business Administration</b>	Business Administration	PA	FA	180
	<b>Accounting</b>	Accounting and Management Information Systems	A	FA	180
		Accounting and Management Information Systems	PA	RA	180
	<b>Marketing</b>	Marketing	A	FA	180
		Marketing	A	DC	180
M.Sc.	Domain	Study Programme	Statute	Attendance	Number of credits
	<b>Accounting</b>	Accounting, Auditing, and Management Information Systems	A	FA	120
	<b>Marketing</b>	Marketing and Business Communication	A	FA	120

## LLP-ERASMUS MOBILITIES

**FRANCE** • **Université de Poitiers** - Marketing, Economic Sciences

**GERMANY** • **Fachhochschule Emden/Leer** - Accounting

**ITALY** • **Università degli Studi di Parma** - Accounting.



## The Faculty of Movement, Sports and Health Sciences



### Contact

Address: *157, Calea Mărășești Street, Bacău*  
Tel./Fax: *0040 234 517715; 0040 234 576643*  
E-mail: *fsmss@ub.ro; kineto@ub.ro*  
Web: *http://fsmss.ub.ro*

**T**he mission of the **Faculty of Movement, Sports and Health Sciences** is that of participating in the creation and promotion of social and sportsmanship values, in the development of scientific research and its promotion both nationally and internationally.

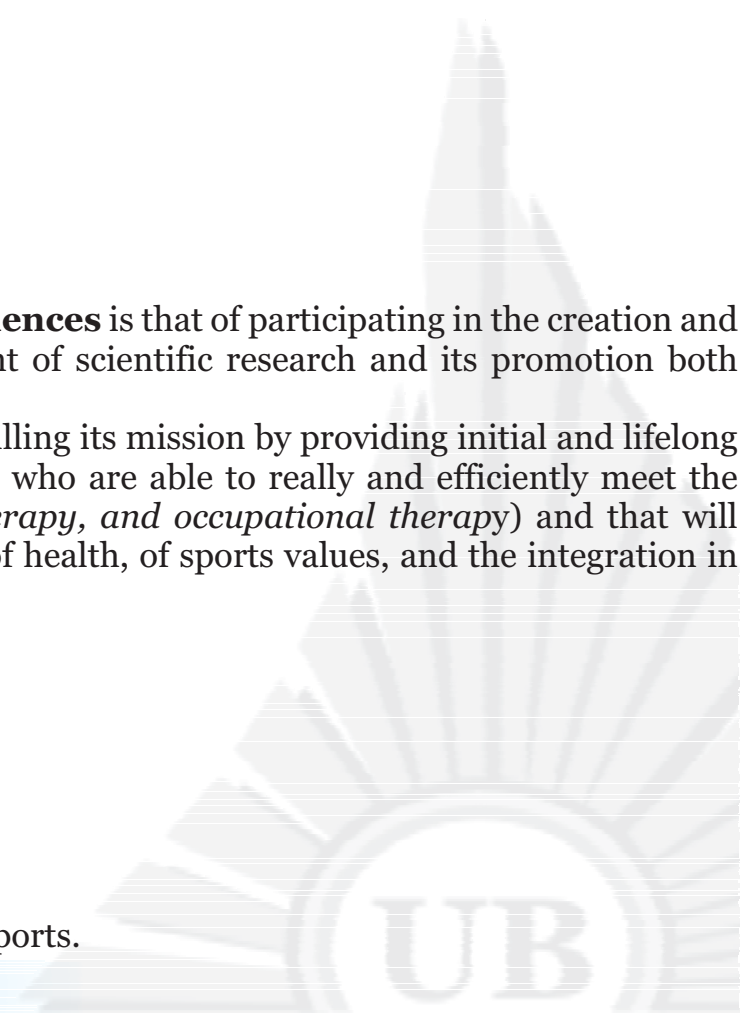
**The Faculty of Movement, Sports and Health Sciences** aims at fulfilling its mission by providing initial and lifelong training for proficient specialists in physical education, sports, and psychology, who are able to really and efficiently meet the requirements of the labour market (*for education, research, sports, kinesiotherapy, and occupational therapy*) and that will contribute in the people's harmonious physical development, to the promotion of health, of sports values, and the integration in society of the disabled persons.

### ✓ **Departments:**

- The Department of Physical Education and Sports Performance;
- The Department of Kinesiotherapy and Occupational Therapy .

### ✓ **Research Centres:**

- The Research Centre for Human Performance;
- The Excellence Centre for Interdisciplinary Studies in Physical Education and Sports.



## Domains and Study Programmes:

B.Sc.	Domain	Study Programme	Statute	Attendance	Number of credits
	Psychology	Occupational Therapy	PA	FA	180
		Physical and Sports Education	A	FA	180
	Physical and Sports Education	Physical and Sports Education	PA	RA	180
		Sports and Motive Performance	PA	FA	180
	Kinesiotherapy	Kinesiotherapy and Special Motricity	A	FA	180
		Kinesiotherapy and Special Motricity	PA	RA	180
M.Sc.	Domain	Study Programme	Statute	Attendance	Number of credits
	Physical and Sports Education	Curricular and Extracurricular Motive Activities	A	FA	120
		Kinesiotherapy in Functional Education and Re-education	A	FA	120
		Sports Performance	A	FA	120

## LLP-ERASMUS MOBILITIES

<b>BULGARIA</b>	• Angel Kanchev University of Ruse - Kinesiotherapy	<b>GERMANY</b>	• Humboldt Universität zu Berlin - Physical Education and Sports
<b>CROATIA</b>	• University of Zagreb - Physical Education and Sports	<b>POLAND</b>	• Akademia Wychowania Fizycznego we Wrocławiu - Physical Education and Sports, Kinesiotherapy
<b>DENMARK</b>	• VIA University College - Physical Education and Sports	<b>SLOVAKIA</b>	• Comenius University in Bratislava - Physical Education and Sports
<b>FINLAND</b>	• Oulu University of Applied Sciences - Kinesiotherapy, Occupational Therapy	<b>SPAIN</b>	• Universidad de Sevilla - Physical Education and Sports
<b>FRANCE</b>	• Université de Poitiers - Physical Education and Sports, Kinesiotherapy		• Universidad Miguel Hernandez de Elche - Physical Education and Sports
	• Université de Limoges - Physical Education and Sport		• Universidad de Zaragoza - Physical Education and Sports
	• Centre Hospitalier Universitaire de Grenoble - Ecole de Kinésithérapie - Kinesiotherapy		

## OTHER TYPES OF INTERNATIONAL COLLABORATION

• The University of Chişinău, the **Republic of Moldova** • The University of Niš, **Serbia**

A - Accredited study programme; PA- provisionally authorized study programme; FA – full-time attendance; RA – reduced attendance.

## *The Pre- and In-service Teacher Training Department*



### **Contact**

Address: *157, Calea Mărășești Street, Bacău*  
Tel./Fax: *0040 234 580050*  
E-mail: *dppd@ub.ro; sdppd@ub.ro*  
Web: *http://dppd.ub.ro*

**T**he *Pre- and In-service Teacher Training Department* is authorized to form and develop competences of various types - cognitive, methodological, evaluative, meta-cognitive - as well as career management competences, within the context of the classical didactic functions' re-evaluation and renewal of professional roles, so as to be consistent with the exigencies of the highly complex educational realities.

### **✓ Research Centre:**

- Psycho-Pedagogical Research Centre „Performed”.

### **OTHER TYPES OF INTERNATIONAL COLLABORATION**

- THE REPUBLIC OF MOLDOVA**
- The State University of Chișinău
  - „Ion Creangă” University of Chișinău

# The Psycho-Pedagogical Module

Psycho-Pedagogical Training Courses for B.A./B.Sc. Students (graduation certificate – level 1)

Psycho-Pedagogical Training Courses for B.A./B.Sc. Students (graduation certificate – level 2)

Psycho-Pedagogical Training Courses for M.A./M.Sc. Students and Graduates

## Post-graduate Studies for the Teaching Profession

Education Sciences

The Post-graduate Psycho-Pedagogical Module (levels 1 and 2)

## Other Types of Study Programmes

Lifelong Education and Training of Pre-university Teaching Staff

Professional Upgrading through Didactic Degrees

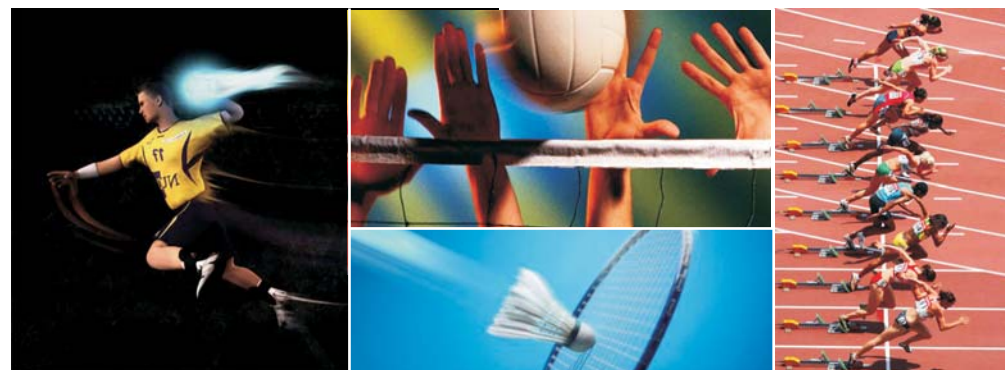




## Știința Bacău Sports Club

Contact

Address: *157, Calea Mărășești Street, Building E, Bacău*  
Tel.: *0040 234 515165*  
Fax: *0040 234 571175*  
Web: *<http://csu.ub.ro>*



The main objective of “**Știința**” **Bacău Sports Club** is to organize, within the framework of “Vasile Alecsandri” University of Bacău, high performance sports activities. Initially, in 1961, at the same time when the Pedagogical Institute was founded, it started its existence as a sports association. Later, at the request of the Institute, the Ministry of Education approved the foundation of “Știința” Bacău Sports Club, on May 1, 1966.

The co-operation between the Faculty of Movement, Sports, and Health Sciences and the sports club results in the fact that the sportsmen and sportswomen are also students of “Vasile Alecsandri” University of Bacău and they participate in the study and research programmes of the Center of Excellence for Interdisciplinary Research in Physical Education and Sports, which is accredited by the university.

The club is also the faculty's laboratory where great sportsmen and sportswomen as well as many members of the teaching staff have been trained. It is not by chance that many of the club coaches, and many coaches in Romanian and foreign sports clubs are graduates of “Vasile Alecsandri” University of Bacău.

### ✓ **Structure:**

- Athletics
- Badminton
- Handball (men's and, respectively, women's teams )
- Karate
- Aerobics
- Volleyball (men's and, respectively, women's teams )

## BEST RESULTS :

### Athletics

- ✓ **Doina Melinte:** 26 medals in Olympic Games, world championships, European championships; she was also multiple national champion in 800-metre races and 1.500-metre races;
- ✓ **Iuliana Negură:** 12 medals in Olympic Games, world championships, European championships and multiple national champion in 10.000-metre races and 15-km road running races;
- ✓ **Elena Fidatov:** 6 medals in world championships, European championships and one participation in Olympic Games in 10.000-metre races and 15-km road running races ;
- ✓ **Iulia Ionescu:** 5 medals in world university championships and multiple national champion in 3.000-metre races and 5.000-metre;
- ✓ **Anuța Cătună:** 4 medals in world championships of half-marathon and 21-km road running;
- ✓ **Cristian Vorovenci:** multiple national champion in 1.500-metre races ;
- ✓ **Ionuț Zaizan:** multiple national champion in 400-metre races ;
- ✓ **Constantin Ifrim:** multiple national champion in 5.000-metre races.

### Badminton

- ✓ **2 individual participations in world championships;**
- ✓ **5 participations in European championships (teams /individuals);**
- ✓ **11 gold medals in national championships;**
- ✓ **2 silver medals in national youth championships (teams).**

### Handball women's team

- ✓ **winner of a Champions' League Cup;**
- ✓ **second place in Champions' Cup;**
- ✓ **10 participations in European cups;**
- ✓ **9 times national champion;**
- ✓ **4 times national vice-champion;**
- ✓ **4 times second place in Romania's Cup;**
- ✓ **3 times third place in Romania's Cup;**
- ✓ **5 times winner of Romania's Cup.**

### Handball men's team

- ✓ **2 participations in European cups;**
- ✓ **third place in the National Championship;**
- ✓ **third place in Romania's Cup.**

### Volleyball women's team

- ✓ **12 participations in European cups (2 times in the semifinals, 1 time in the final);**
- ✓ **2 times Champion of Romania;**
- ✓ **5 times second place in the Championship of Romania;**
- ✓ **4 times third place in the Championship of Romania;**
- ✓ **4 times winner of Romania's Cup;**
- ✓ **10 times second place in Romania's Cup.**



## The Student's League

### Contact

Address: *157, Calea Mărășești Street, Building B, Bacău*  
Tel./Fax: *0040 234 576901*  
E-mail: *liga\_studentilorub@yahoo.com*  
Web: *http://ligastudenteasca.ro*



The interests of the students of “Vasile Alecsandri” University of Bacău are represented by the **Students' League**, an organization founded in 1990. The Students' League distinguished itself as an organization with a powerful social and cultural impact, by getting involved in both the mediation of social conflicts and the organization of social and educational activities.

The **Students' League** collaborates with the Department for Career Counselling in order to regularly organize Job Fairs for the students and graduates of the University, as well as for preparing them for the exigencies of the labour market.

### GENERAL OBJECTIVES

- partaking in the faculties' management through the intermediary of the students' representatives appointed in the Faculties' Councils, the Senate of the University, the Management Council;
- publishing materials in printed or digital form, periodically or intermittently;
- providing the best students with scholarships sponsored by the interested companies and foundations;
- collaborating with national and international organizations that are partners of “Vasile Alecsandri” University of Bacău;
- sharing experience by means of exchanges with students from foreign universities.



- organizing contests for the study programmes organized by “Vasile Alecsandri” University of Bacău; initiating cultural events, symposia, festivals, exchanges; organizing initiation courses and tuition; organizing sports competitions; organizing charity events and voluntary work; organizing job fairs; organizing book fairs; supporting the organization of summer-schools with national and international participation; organizing holiday camps and trips; providing recreational opportunities – balls, New Year's parties, carnivals, etc.



# CONTENTS

---

<b><i>The Rector's Message</i></b> .....	pag. 3
<b>A Brief History of the University</b> .....	pag. 5
<b>Scientific Research</b> .....	pag. 7
<b>International Co-operation</b> .....	pag. 8
<b>The Faculty of Engineering</b> .....	pag.10
<b>The Faculty of Letters</b> .....	pag.16
<b>The Faculty of Sciences</b> .....	pag.20
<b>The Faculty of Economic Sciences</b> .....	pag.22
<b>The Faculty of Movement, Sports and Health Sciences</b> .....	pag.24
<b>The Pre- and In-service Teacher Training Departament</b> .....	pag.26
<b>„Știința” Bacău Sports Club</b> .....	pag.28
<b>The Students' League</b> .....	pag.30



# Universitatea „Vasile Alecsandri” din Bacău

Calea Mărășești, nr. 157

Bacău, 600115

Tel.: +40.234.542.411

Tel./Fax: +40.234.545.753

E-mail: rector@ub.ro



[www.ub.ro](http://www.ub.ro)