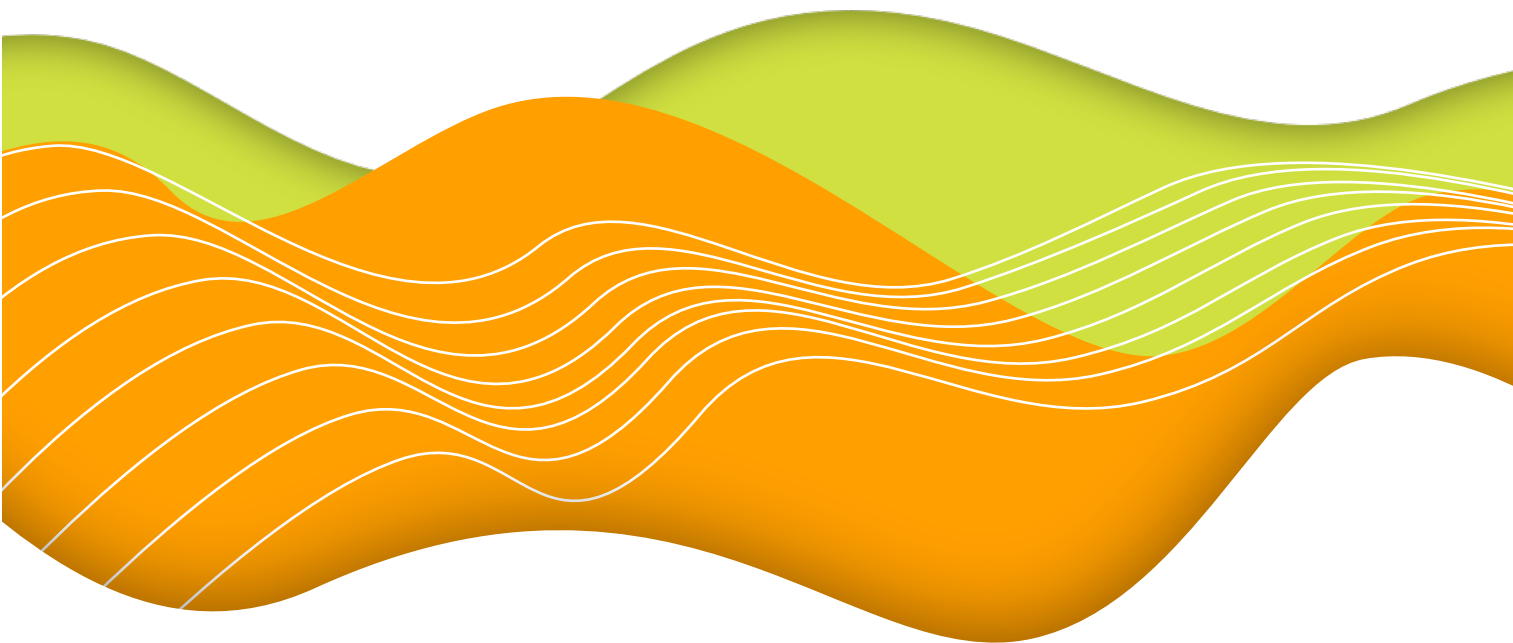




**Transilvania
University
of Braşov**



ANNUAL REPORT 2021



Transilvania
University
of Braşov

ANNUAL REPORT 2021



www.unitbv.ro

▣ LEARN TO BE CENTRAL !

FOREWORD

In 2021, the community of Transilvania University of Braşov (UNITBV) witnessed a period of transition from the pandemic-specific hybrid activity (with mixed onsite and online presence) to normality. The entire academic year 2021-2022 unfolded with the students' and academics' onsite presence. The decision to carry out all the university's activities in normal conditions, starting with October 2021, was a courageous one, which placed UNITBV in a unique position in the Romanian academic landscape and which definitely stimulated the quality of the teaching processes. Furthermore, it catered for the students' and university staff's mental comfort.

This year too, the process of digitizing specific activities continued, especially through the involvement of our students in projects funded by the university. At the same time, the renovation and repair works continued, as part of the restoration/renovation programme of all the buildings in the historical centre of Braşov and in the Colina campus.

On October 1st, 2021, the community of Transilvania University of Braşov - the largest and best performing university in the Central Region - included 20,284 students (undergraduate, master's and doctoral students), 603 resident physicians and 66 students enrolled in the Romanian language preparatory year. Our students come from all Romanian counties and from 76 other countries on 5 continents. The university's number of employees amounts to 1,313, comprising teaching staff, researchers and administrative staff. Human resources - students and academics - continued to be the priority of the university management, UNITBV being currently the only university in Romania with a salary system for academics differentiated by the quality of their teaching, as evaluated by students, and by their research results.

Our efforts to stimulate the students' involvement in developing the university continued in 2021 as well. "Be central!" is a programme budgeting 1 million euros, which has been particularly created to finance student teams projects, the aim of which is to digitalize the academic and administrative processes, to modernize the teaching processes and to promote a green campus.

As in the previous years, the study programmes display high degree of stability. The university's strategy of offering programmes in widely circulated languages and new doctoral programmes was implemented. In addition, the research activity exhibited a significant increase in the number and quality of articles published in prestigious journals (indexed Web of Science), but also in the value of research / technical assistance contracts. UNITBV has increased its international visibility, occupying significantly higher positions not only in the national metaranking, but also in several prestigious international rankings.

The pandemic-determined decrease in the previous year was compensated by this year's important increase of the number of beneficiaries of university-funded programmes to attract researchers / academics from abroad, as well as of the amount of programmes meant to support academics and PhD

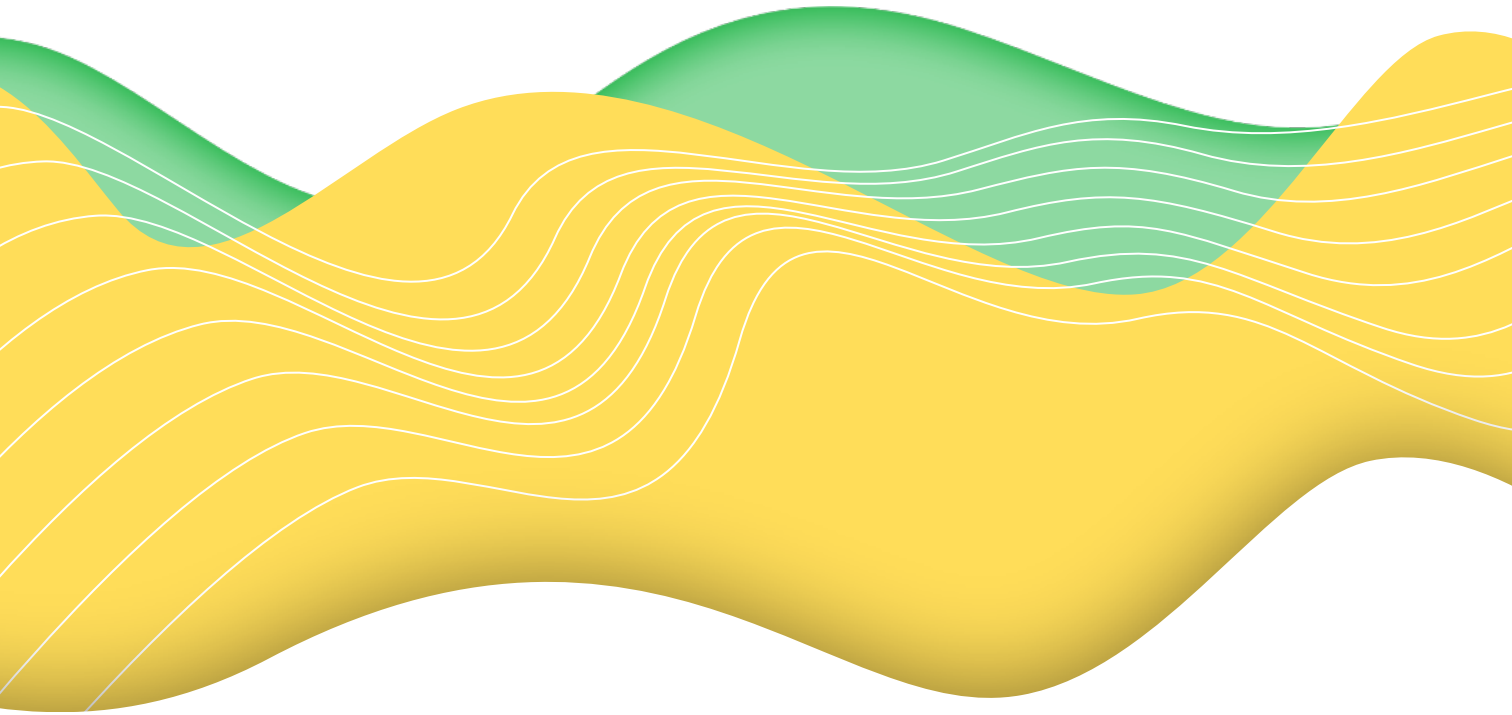
students for training internships abroad. UNITBV was also actively involved in the cultural life in 2021, offering numerous onsite and online cultural events organized by the Music Centre, the Multicultural Centre, the Norbert Detaeye Media Library, together with students and academics from the university's faculties. The collaboration with the Ministry of Foreign Affairs, the Romanian Cultural Institute and the Romanian diplomatic missions was strengthened with a view to organizing students' and academics' performances and exhibitions abroad, UNITBV being the most active Romanian university at the Romania Pavilion of World Expo Dubai 2020.

In 2021, the internationalization efforts of UNITBV continued, so that the number of partner institutions increased to 645, from 84 countries worldwide. In addition to the intensified students' and academics' mobility as compared to the previous year, noteworthy is also the onsite or online participation in numerous international educational and scientific events. UNITBV's concern for attracting international students from developing countries was reflected in 2021 by the higher number of Romanian state scholarship holders (through scholarship programmes of the Ministries of Education and Foreign Affairs), and of UNITBV-funded scholarship holders, beneficiaries of the scholarship programme *Transilvania Academica Scholarship* for non-EU students.

UNITBV's revenues were 293.9 million lei, and the expenses 278.2 million lei in 2021, so the university registered a cumulative budget surplus of over 165.8 million lei at the end of the year. All these achievements, in a year still affected by the pandemic, along with the decision to resume normal academic activity, have demonstrated the adaptability and resilience of our academic community and have nurtured our confidence in the future of higher education in Braşov.

Prof. Dr. Eng. Ioan Vasile Abrudan
Rector





ACADEMIC ACTIVITY

UNITBV is the largest university in Romania's Centre Region. It is a mature university that has gained significant prestige over time at national and international level. Its stability and strength derive both from its wide diversity and from the unity of its constituent elements. A comprehensive university, UNITBV offers bachelor's and master's degree programmes in over 40 academic fields (engineering, mathematics and computer science, biomedical sciences, social sciences, arts and humanities, as well as sports and physical education). The educational offer correlates with the professional requirements of the labour market, especially in terms of master's and continuing education programmes. The university structure includes programmes designed in collaboration with the companies that are traditional employers for UNITBV graduates, as well as niche programmes that anticipate the society's need of specialists in new fields of knowledge.

The didactic infrastructure is modernized permanently, UNITBV offers its students ergonomic spaces, equipment and access to current scientific information, as well as an e-learning platform.

All the study programmes are accredited or authorized by the Romanian Agency for Quality Assurance in Higher Education, which conducted institutional evaluations of UNITBV in 2007, in 2013 and in 2018, resulting in a "high degree of confidence" rating.

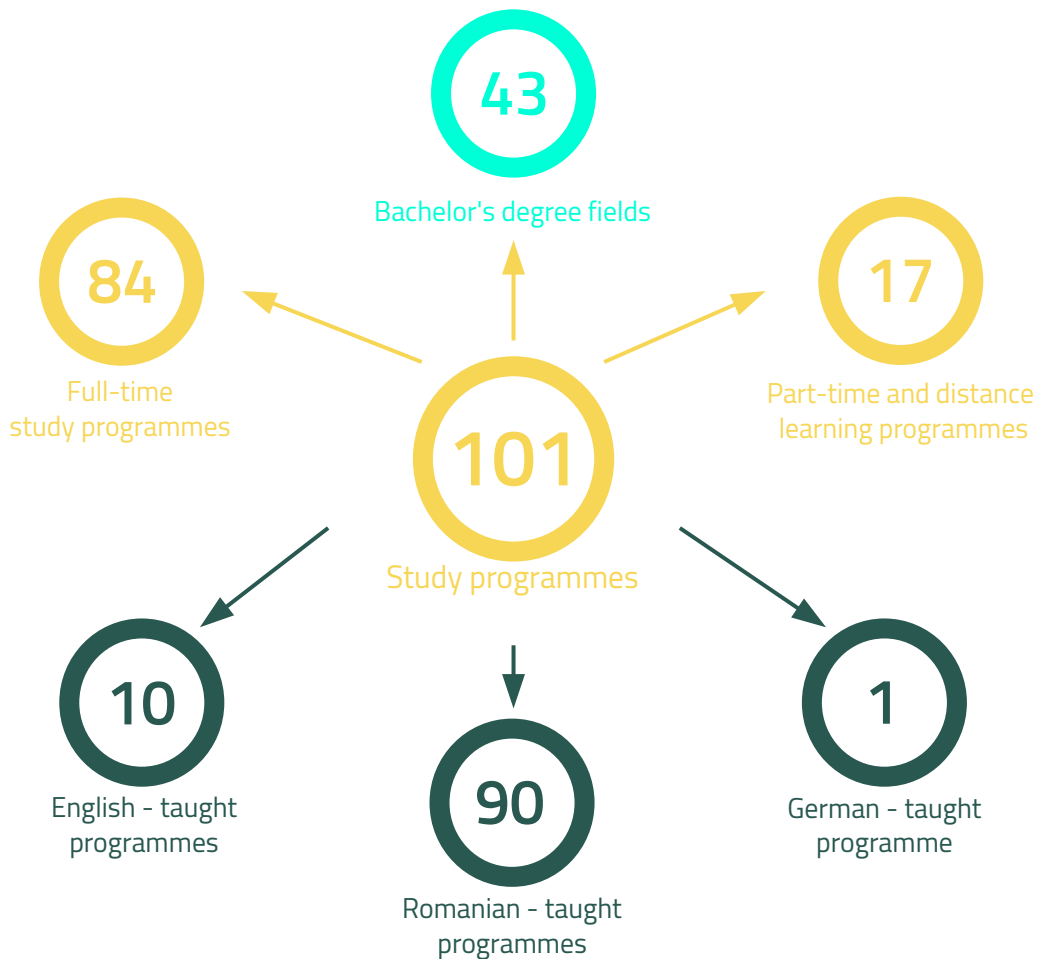
Prof. Dr. Mihaela Gheorghe
Vice-Rector for Didactic Activity

Bachelor's study programmes

UNITBV offers bachelor's study programmes in 43 fields.

Of the 101 bachelor's degree programmes, 11 are taught in international languages and 17 are offered as distance learning and part-time education.

Bachelor's degree programmes (forms of education and teaching language)



Bachelor's degree fields and study programmes

FACULTY OF MECHANICAL ENGINEERING

| | | |
|--------------------------|-----------------------------------|----------|
| ■ Mechanical engineering | Mechanical Engineering (RO/EN) | FTS/PTS* |
| ■ Automotive Engineering | Automotive Engineering (RO/EN) | FTS/PTS* |
| ■ Transport Engineering | Traffic and Transport Engineering | FTS |

*Only taught in Romanian

FACULTY OF TECHNOLOGICAL ENGINEERING AND INDUSTRIAL MANAGEMENT

| | | |
|------------------------------|-------------------------------------|--------|
| ■ Aerospace Engineering | Aerospace Engineering | FTS |
| ■ Industrial Engineering | Manufacturing Engineering | FTS |
| | Digital Production Systems | FTS |
| | Engineering and Business Management | FTS |
| ■ Engineering and Management | Industrial Economic Engineering | FTS/DL |
| | Engineering and Business Management | FTS |

FACULTY OF MATERIALS SCIENCE AND ENGINEERING

| | | |
|------------------------------|-------------------------------------------|-----|
| ■ Industrial Engineering | Welding Engineering | FTS |
| | Industrial Safety Engineering | FTS |
| ■ Materials Engineering | Materials Science | FTS |
| ■ Engineering and Management | Economic Engineering in Mechanics | FTS |
| | Entrepreneurship in Materials Engineering | FTS |

FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

| | | |
|---------------------------------------------------------------------------|--------------------------------------------|-----|
| ■ Computers and Information Technology | Computers | FTS |
| | Information Technology | FTS |
| ■ Electrical Engineering | Electrotechnics | FTS |
| | Electrical Engineering and Computers (EN) | FTS |
| ■ Electronic Engineering, Telecommunications and Information Technologies | Applied Electronics | FTS |
| | Telecommunication Systems and Technologies | FTS |
| ■ Systems Engineering | Automation and Applied Informatics | FTS |
| ■ Mechatronics and Robotics | Robotics | FTS |

FTS - full-time study; PTS - part-time study; DL - distance learning

FACULTY OF SILVICULTURE AND FOREST ENGINEERING

| | | |
|------------------------|----------------------|--------|
| ■ Silviculture | Silviculture | FTS |
| | Forest engineering | FTS |
| | Wildlife Management | FTS/DL |
| ■ Geomatic Engineering | Geodetic Engineering | FTS |

FACULTY OF FURNITURE DESIGN AND WOOD ENGINEERING

| | | |
|----------------------|----------------------------------------------|---------|
| ■ Forest Engineering | Wood Processing Engineering | FTS/PTS |
| | Wood Products Engineering and Design (RO/EN) | FTS |

FACULTY OF CIVIL ENGINEERING

| | | |
|----------------------------|--------------------------------------------------|-----|
| ■ Civil Engineering | Civil, Industrial and Agricultural Constructions | FTS |
| | Railway, Roads and Bridges | FTS |
| ■ Installation Engineering | Building Services | FTS |

FACULTY OF FOOD INDUSTRY AND TOURISM

| | | |
|--------------------------------------------------------------------|-------------------------------------------------------------|-----|
| ■ Engineering and Management in Agricultural and Rural Development | Engineering and Management in Food Service and Agri-Tourism | FTS |
| ■ Food Engineering | Food Engineering | FTS |
| | Food Control and Expertise | FTS |
| ■ Engineering and Management | Engineering and Management in Tourism Industry | FTS |

FACULTY OF PRODUCT DESIGN AND ENVIRONMENT

| | | |
|--------------------------------|-----------------------------------------------------|-----|
| ■ Industrial Engineering | Industrial Design (RO/EN) | FTS |
| | Engineering of Renewable Energy Systems | FTS |
| ■ Environmental Engineering | Industrial Environmental Engineering and Protection | FTS |
| ■ Mechanical Engineering | Product Design Engineering (EN) | FTS |
| ■ Mechatronics and Robotics | Mechatronics | FTS |
| ■ Applied Engineering Sciences | Optometry | FTS |
| | Medical Engineering | FTS |

FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

| | | |
|---------------|----------------------------------|--------|
| ■ Mathematics | Mathematics | FTS |
| ■ Informatics | Computer Science | FTS/DL |
| | Applied Computer Science (RO/DE) | FTS |

FACULTY OF ECONOMIC SCIENCES AND BUSINESS ADMINISTRATION

| | | |
|----------------------------------------------------|----------------------------------------|---------|
| ■ Marketing | Marketing | FTS/DL |
| ■ Business administration | Economy of Trade, Tourism and Services | FTS/DL |
| | Business Administration (EN) | FTS |
| ■ Management | Management | FTS/DL |
| ■ Economics and International Business | International Business | FTS/DL |
| ■ Finance | Finance and Banking | FTS |
| ■ Accountancy | Accountancy and Management Informatics | FTS/ DL |
| ■ Cybernetics, Statistics and Economic Informatics | Economic Informatics | FTS |

FACULTY OF PSYCHOLOGY AND EDUCATION SCIENCES

| | | |
|------------------------|---------------------------------------------|---------|
| ■ Psychology | Psychology | FTS/ DL |
| ■ Educational Sciences | Pedagogy of Primary and Preschool Education | FTS/ DL |
| | Special Psychopedagogy | FTS |

FACULTY OF PHYSICAL EDUCATION AND MOUNTAIN SPORTS

| | | |
|---------------------------------|---------------------------------------|---------|
| ■ Physical Education and Sports | Physical Education and Sport | FTS/PTS |
| | Sports and Motor Performance | FTS/PTS |
| ■ Kinetotherapy | Kinetic Therapy and Special Motricity | FTS |

FACULTY OF MUSIC

| | | |
|---------|----------------------------------------|-----|
| ■ Music | Instrumental Music Performance (RO/EN) | FTS |
| | Vocal Music Performance | FTS |
| | Music | FTS |

FACULTY OF MEDICINE

| | | |
|----------|--------------------------------------------------|-----|
| ■ Health | Medicine | FTS |
| | General nursing | FTS |
| | Balneo-physical-kinetic Therapy and Recuperation | FTS |
| | Clinical Laboratory | FTS |

FACULTY OF LETTERS

| | | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------|
| ■ Language and Literature | Romanian Language and Literature - Modern Language and Literature (English/French/German) | FTS/DL |
| | English Language and Literature - Modern Language and Literature (French, German)/Romanian Language and Literature | FTS |
| | Chinese Language and Literature - Romanian Language and Literature/Modern Language and Literature (English, French, German) | FTS |
| ■ Applied Modern Languages | Applied Modern Languages (French, German, English) | FTS |
| ■ Cultural Studies | American Studies (EN) | FTS |

FACULTY OF LAW

| | | |
|-------|-----|---------|
| ■ Law | Law | FTS/PTS |
|-------|-----|---------|

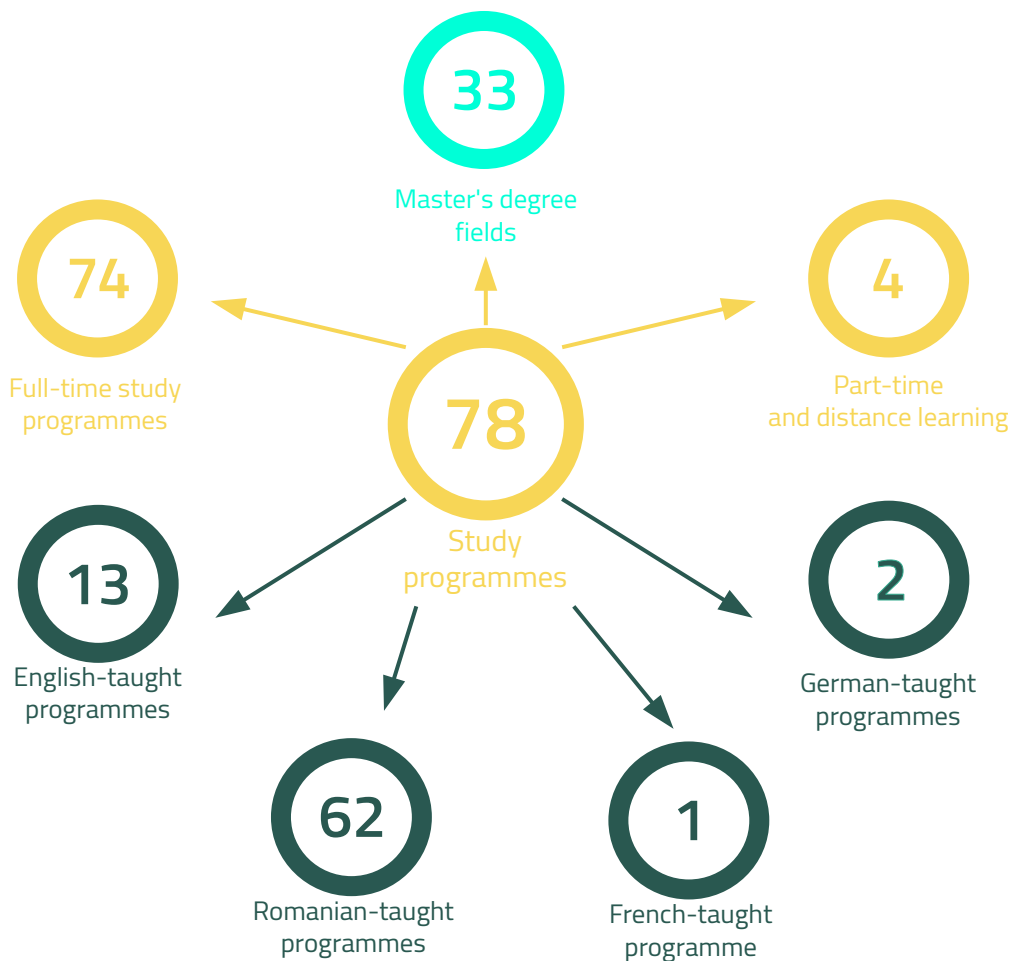
FACULTY OF SOCIOLOGY AND COMMUNICATION

| | | |
|--------------------------|------------------------------------|-----|
| ■ Sociology | Sociology | FTS |
| | Human Resources | FTS |
| ■ Communication Sciences | Communication and Public Relations | FTS |
| | Digital Media (RO/EN) | FTS |
| ■ Social Work | Social Work | FTS |

Master's degree study programmes

UNITBV's graduate programmes cover 33 areas. Most of them are full-time programmes, in Romanian, but the university's strategy is to extend the offer of programmes taught in international languages.

Master's degree study programmes



Master's degree fields and study programmes

FACULTY OF MECHANICAL ENGINEERING

| | | |
|--------------------------|----------------------------------------------------------------------|---------|
| ■ Mechanical Engineering | Simulation and Testing in Mechanical Engineering | FTS/PTS |
| | Practical Integrated Methods for Propulsion Systems Engineering (EN) | FTS |
| ■ Automotive Engineering | Road Safety, Transport and Interaction with the Environment | FTS |
| | Virtual Engineering in Automotive Design (EN) | FTS |
| | Motor Vehicles and Environment | FTS/PTS |
| | Motor Vehicles and Future Technologies | FTS |
| | Command and Control Systems for Motor Vehicles | FTS |

FACULTY OF TECHNOLOGICAL ENGINEERING AND INDUSTRIAL MANAGEMENT

| | | |
|------------------------------|----------------------------------------------------------|-----|
| ■ Industrial Engineering | Innovative Manufacturing Engineering | FTS |
| | Engineering of Advanced Manufacturing Processes (RO/EN) | FTS |
| | Quality Management | FTS |
| ■ Management and Engineering | Industrial Business Management | FTS |
| | Industrial Business Management and Entrepreneurship (EN) | FTS |

FACULTY OF MATERIALS AND ENGINEERING

| | | |
|--------------------------|----------------------------------------------------------------------------------|-----|
| ■ Materials Engineering | Engineering and Management of Advances Metallic, Ceramic and Composite Materials | FTS |
| ■ Industrial Engineering | Occupational Safety and Health Engineering | FTS |
| | Welding Engineering of Advanced Materials | FTS |

FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

| | | |
|---------------------------------------------------------------------------|-------------------------------------------------------------|-----|
| ■ Electrical Engineering | Advanced Electrical Systems (EN) | FTS |
| ■ Electronic Engineering, Telecommunications and Information Technologies | Electronic and Communication Integrated Systems | FTS |
| | Cyber Security (EN) | FTS |
| ■ Systems Engineering | Advanced Systems in Automation and Information Technologies | FTS |

FACULTY OF SILVICULTURE AND FOREST ENGINEERING

| | | |
|----------------|--------------------------------------------------------|-----|
| ■ Silviculture | Forest Ecosystem Management | FTS |
| | Management and Technical Systems in Forest Engineering | FTS |
| | Multiple Purpose Forestry (EN) | FTS |
| | European Forestry (EN) | FTS |

FACULTY OF FURNITURE DESIGN AND WOOD ENGINEERING

| | | |
|----------------------|------------------------------------------------------|-----|
| ■ Forest Engineering | Furniture Eco-Design and Restoration | FTS |
| | Advanced Wood Structures and Innovative technologies | FTS |

FACULTY OF CIVIL ENGINEERING

| | | |
|--------------------------------------|-----------------------------------------------|-----|
| ■ Civil Engineering and Instalations | Energy Modernization in the Built Environment | FTS |
|--------------------------------------|-----------------------------------------------|-----|

FACULTY OF FOOD AND TOURISM

| | | |
|--------------------------------------------------------------------|--------------------------------------------------------------|-----|
| ■ Engineering and Management in Agricultural and Rural Development | Hospitality and Eco-Agri-Tourism Management | FTS |
| ■ Food Engineering | Processing Systems and Quality Control of Agri-Food Products | FTS |
| ■ Mechanical Engineering | Agricultural and Food Eco-Biotechnologies | FTS |

FACULTY OF PRODUCT DESIGN AND ENVIRONMENT

| | | |
|-----------------------------|-------------------------------------------------------|-----|
| ■ Industrial Engineering | Sustainable Product Design and Environment Protection | FTS |
| ■ Mechatronics and Robotics | Mechatronic Systems for Industry and Medicine | FTS |
| | Integrated Environment Management | FTS |

FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

| | | |
|---------------|------------------------------------------------------------------|-----|
| ■ Mathematics | Fundamental Mathematical Structures | FTS |
| ■ Informatics | Internet Technologies (EN) | FTS |
| | Modern Technologies in Software Systems Engineering | FTS |
| | Mobile Applications and Internet Technologies in E-Business (DE) | FTS |

FACULTY OF ECONOMIC SCIENCES AND BUSINESS ADMINISTRATION

| | | |
|----------------------------------------|-------------------------------------------|-----|
| ■ Marketing | Marketing Policies and Strategies | FTS |
| ■ Business Administration | Business Administration and Tourism | FTS |
| ■ Management | Management and Business Strategies | FTS |
| ■ Economics and International Business | International Economic Relations | FTS |
| ■ Accountancy | Accounting Policies, Audit and Management | FTS |
| | Internal Audit | FTS |
| ■ Economic Informatics | Integrated Business Information Systems | FTS |
| ■ Finance | Financial and Banking Management | FTS |

FACULTY OF PSYCHOLOGY AND EDUCATION SCIENCES

| | | |
|----------------------|-----------------------------------------------------------------|-----|
| ■ Psychology | Educational Psychology, School and Vocational Counseling | FTS |
| | Work and Organizational Psychology and Human Resources | FTS |
| | Clinical Psychology, Psychological Counseling and Psychotherapy | FTS |
| ■ Education Sciences | Human Resources Training and Management in Education | FTS |
| | Early Education and Primary School Psychopedagogy | FTS |

FACULTY OF PHYSICAL EDUCATION AND MOUNTAIN SPORTS

| | | |
|-------------------------------------------|--------------------------------------------------------------------------------|-----|
| ■ Science of sport and physical education | Schools Physical Education and Leisure Motor Activities | FTS |
| | Prophylaxis and Motor Recovery and Somato-functional through Physical Exercise | FTS |
| | Sports Performance and Management | FTS |
| | Psychometric Diagnosis and Prognosis | FTS |

FACULTY OF MUSIC

| | | |
|---------|----------------------------------------------------------------|-----|
| ■ Music | Compositional Techniques and Musical Art in the 20th Century | FTS |
| | Style and Interpretation in Instrumental and Vocal Performance | FTS |
| | Music Therapy | FTS |

FACULTY OF MEDICINE

| | | |
|----------|----------------------------------------------------------|-----|
| ■ Health | Management and Prevention Strategies and Health Policies | FTS |
| | Traditional Chinese Medicine (EN) | FTS |
| | Palliative Care Management and Strategies | FTS |

FACULTY OF LETTERS

| | | |
|-------------|-----------------------------------------------------------------|---------|
| ■ Philology | Cultural Innovation | FTS |
| | Studies of Romanian Language and Literature | FTS |
| | Language Studies for Intercultural Communication (EN) | FTS |
| | Intercultural Studies of German Language and Literature (DE) | FTS |
| | Studies of French Language and Culture (FR) | FTS |
| | Romanian Language and Literature. Identity and Multiculturalism | FTS/PTS |
| | Culture and Discourse in the Anglo-American World (EN) | FTS/PTS |

FACULTY OF LAW

| | | |
|-------|-------------------------------------------------------------------|-----|
| ■ Law | Advanced Private Law | FTS |
| | Systems and Institutions of European and International Public Law | FTS |
| | European Legislation and Judicial Careers | FTS |
| | Advanced Criminal Sciences | FTS |

FACULTY OF SOCIOLOGY

| | | |
|---------------|--------------------------------------------|-----|
| ■ Sociology | Human Resources Management and Development | FTS |
| | Branding Campaign Management | FTS |
| ■ Social Work | Community Assistance and Development | FTS |

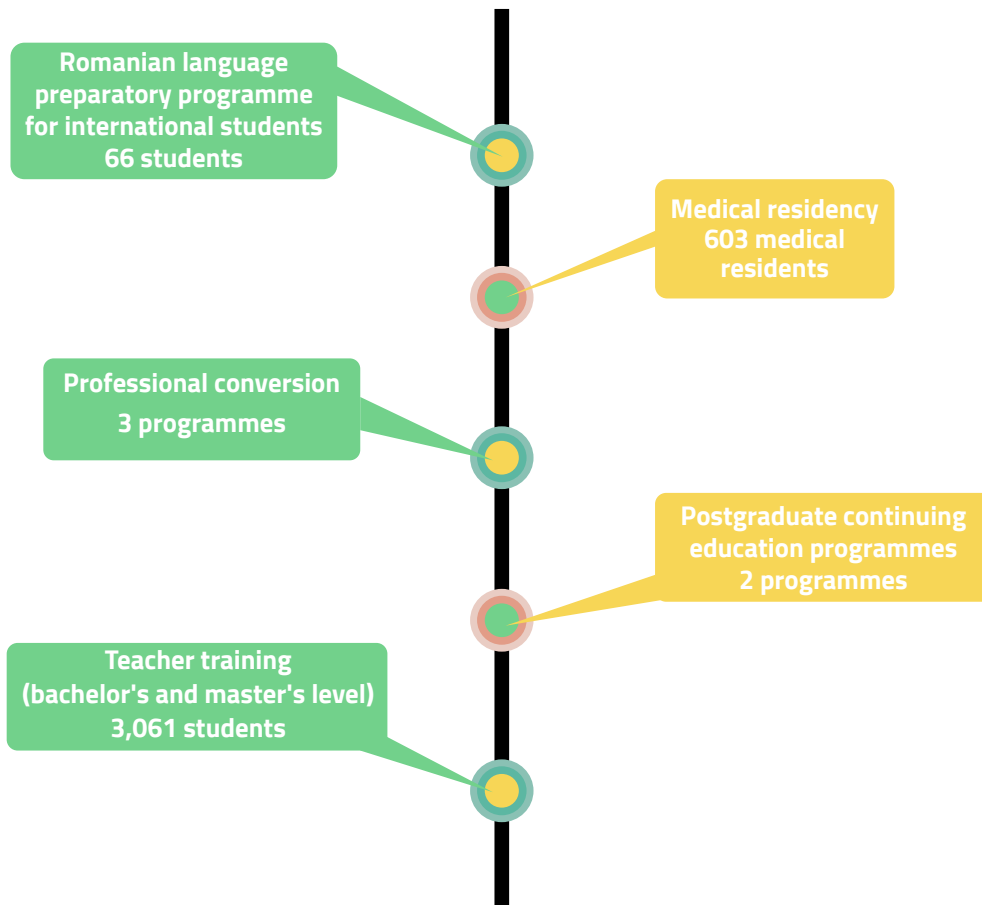
Doctoral study programmes

UNITBV organizes doctoral studies in 18 accredited fields. Both full-time and part-time studies are offered for all doctoral programmes in Romanian and in languages of international circulation.

- ▣ Mechanical Engineering
- ▣ Industrial Engineering
- ▣ Materials Engineering
- ▣ Electrical Engineering
- ▣ Electronics Engineering, Telecommunications and Informational Technologies
- ▣ Systems Engineering
- ▣ Forest Engineering
- ▣ Engineering and Management
- ▣ Computers and Information Technology
- ▣ Informatics
- ▣ Mathematics
- ▣ Forestry
- ▣ Marketing
- ▣ Finance
- ▣ Philology
- ▣ Medicine
- ▣ Science of Sport and Physical Education
- ▣ Music

Further educational offer

In addition to the bachelor's, master's and doctoral study programmes, the educational offer of UNITBV also includes Romanian language courses for international students, professional conversion programmes, teacher training, medical residency and postgraduate continuing education programmes.

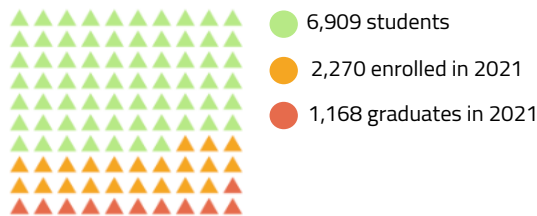


Students, freshers and graduates

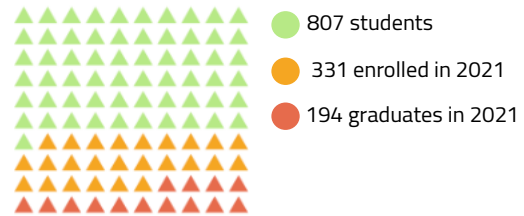
UNITBV is a comprehensive university with a balanced structure, which is also reflected in the distribution of students by fields and branches of science. On 1 October 2021, 20,284 students were enrolled in the bachelor's, master's and doctoral programmes.

Bachelor's degree: number of students, freshers and graduates by fields

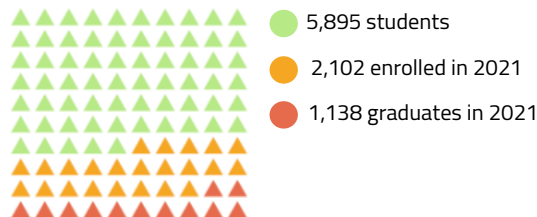
Engineering Sciences



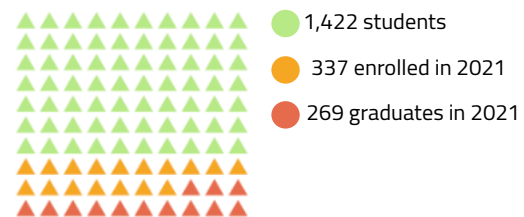
Mathematics and Natural Sciences



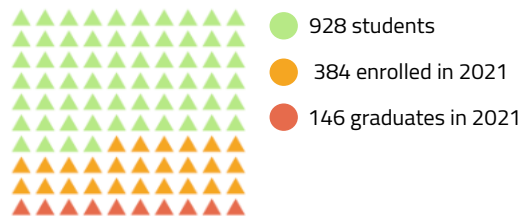
Social Sciences



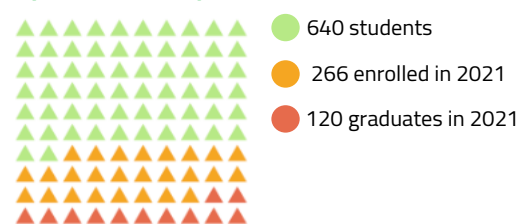
Biological and Biomedical Sciences



Arts and Humanities



Sports and Physical Education



■ 19,818 bachelor and master students / 7,335 enrolled in 2021 / 4,289 graduates in 2021



Enrollment and graduation by bachelor's field

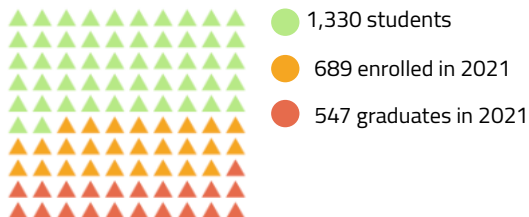
| Fundamental field | Bachelor's degree field | | Total no. students | Enrolled in 2021 | Graduates of 2021 |
|----------------------------------|-----------------------------------------------------------------------|-----|--------------------|------------------|-------------------|
| Engineering Sciences | Mechanical Engineering | FTS | 200 | 68 | 20 |
| | | PTS | 170 | 60 | 26 |
| | Automotive Engineering | FTS | 583 | 177 | 112 |
| | | PTS | 428 | 150 | 55 |
| | Transport Engineering | FTS | 190 | 57 | 33 |
| | Aerospace Engineering | FTS | 130 | 40 | 16 |
| | Industrial Engineering | FTS | 708 | 226 | 125 |
| | Engineering and Management | FTS | 462 | 142 | 97 |
| | | DL | 192 | 77 | 48 |
| | Materials Engineering | FTS | 19 | 19 | 1 |
| | Computers and Information Technology | FTS | 358 | 106 | 64 |
| | Electrical Engineering | FTS | 324 | 112 | 46 |
| | Electronic Engineering, Telecommunications and Information Technology | FTS | 350 | 110 | 61 |
| | Systems Engineering | FTS | 348 | 100 | 69 |
| | Mechatronics and Robotics | FTS | 275 | 81 | 31 |
| | Forestry | FTS | 461 | 155 | 88 |
| | | DL | 94 | 41 | 16 |
| | Geomatic Engineering | FTS | 121 | 49 | 13 |
| | Forest Engineering | FTS | 140 | 61 | 29 |
| | | PTS | 47 | 22 | 0 |
| | Civil Engineering | FTS | 319 | 101 | 41 |
| | Building Services | FTS | 123 | 59 | 24 |
| | Engineering and Management in Agriculture and Rural Development | FTS | 194 | 65 | 18 |
| Food Engineering | FTS | 274 | 73 | 62 | |
| Environmental Engineering | FTS | 97 | 30 | 12 | |
| Applied Engineering | FTS | 302 | 89 | 61 | |
| Mathematics and Natural Sciences | Mathematics | FTS | 89 | 38 | 21 |
| | Computer Science | FTS | 576 | 218 | 147 |
| DL | | 142 | 75 | 26 | |

| Fundamental field | Bachelor's degree field | | Total no. students | Enrolled in 2021 | Graduates of 2021 |
|-------------------------------------------------|--------------------------------------------------|-------------|--------------------|------------------|-------------------|
| Social Sciences | Marketing | FTS | 255 | 94 | 58 |
| | | DL | 175 | 75 | 29 |
| | Business Administration | FTS | 362 | 132 | 57 |
| | | DL | 108 | 42 | 25 |
| | Management | FTS | 196 | 75 | 49 |
| | | DL | 189 | 75 | 33 |
| | Economics and International Business | FTS | 207 | 72 | 33 |
| | | DL | 119 | 54 | 13 |
| | Finance | FTS | 226 | 74 | 30 |
| | Accountancy | FTS | 196 | 74 | 45 |
| | | DL | 159 | 59 | 33 |
| | Cybernetics, Statistics and Economic Informatics | FTS | 181 | 72 | 55 |
| | Psychology | FTS | 256 | 99 | 65 |
| | | DL | 152 | 60 | 29 |
| | Education Sciences | FTS | 465 | 179 | 94 |
| | | DL | 210 | 74 | 49 |
| | Law | FTS | 1033 | 299 | 170 |
| PTS | | 356 | 99 | 74 | |
| Sociology | FTS | 382 | 136 | 72 | |
| Communication Sciences | FTS | 436 | 166 | 92 | |
| Social Work | FTS | 232 | 92 | 33 | |
| Biomedical and Biological Sciences | Health | 6 years FTS | 662 | 113 | 102 |
| | | 4 years FTS | 465 | 121 | 94 |
| | | 3 years FTS | 295 | 103 | 73 |
| Arts and Humanities | Music | FTS | 129 | 44 | 33 |
| | Language and Literature | FTS | 483 | 199 | 69 |
| | | DL | 144 | 72 | 11 |
| | Applied Modern Languages | FTS | 104 | 39 | 22 |
| Cultural Studies | FTS | 68 | 30 | 11 | |
| Science of Sports and Physical Education | Physical Education and Sports | FTS | 278 | 121 | 48 |
| | | PTS | 157 | 73 | 24 |
| | Kinethotherapy | FTS | 205 | 72 | 48 |

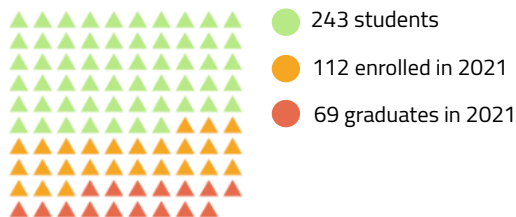
The balance between the technical fields and the humanities is also maintained in the master's degree programmes

Master's degree: number of students, freshers and graduates by fields

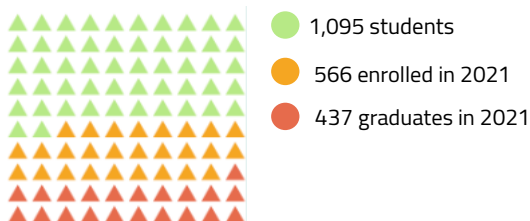
Engineering Sciences



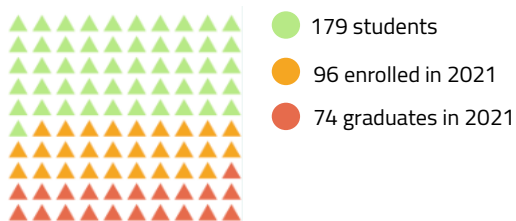
Mathematics and Natural Sciences



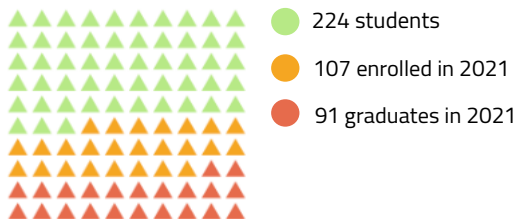
Social Sciences



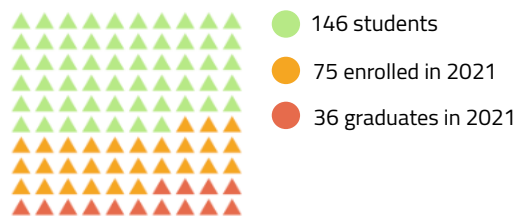
Biological and Biomedical Sciences



Arts and Humanities



Sports and Physical Education



■ 3,217 master students / 1,645 enrolled in 2021 / 1,254 graduated in 2021



Enrollment and graduation by master's field

| Fundamental field | Bachelor's degree field | | Total no. students | Enrolled in 2021 | Graduates of 2021 |
|------------------------------------------|-----------------------------------------------------------------------|-----|--------------------|------------------|-------------------|
| Engineering Sciences | Mechanical Engineering | FTS | 34 | 19 | 27 |
| | | PTS | 7 | 7 | 0 |
| | Automotive Engineering | FTS | 166 | 84 | 64 |
| | | PTS | 51 | 32 | 17 |
| | Industrial Engineering | FTS | 300 | 150 | 114 |
| | Engineering and Management | FTS | 63 | 33 | 21 |
| | Materials Engineering | FTS | 27 | 17 | 4 |
| | Electrical Engineering | FTS | 44 | 23 | 15 |
| | Electronic Engineering, Telecommunications and Information Technology | FTS | 99 | 49 | 53 |
| | System Engineering | FTS | 91 | 45 | 43 |
| | Mechatronics and Robotics | FTS | 70 | 37 | 30 |
| | Forestry | FTS | 167 | 73 | 68 |
| | Forestry Engineering | FTS | 38 | 24 | 21 |
| | Civil Engineering and Building Services | FTS | 78 | 45 | 26 |
| | Engineering and Mngt. in Agriculture and Rural Develop. | FTS | 36 | 19 | 21 |
| Food Engineering | DL | 59 | 32 | 23 | |
| Mathematics and Natural Sciences | Mathematics | FTS | 32 | 17 | 9 |
| | Computer Science | FTS | 211 | 95 | 60 |
| Social Sciences | Marketing | FTS | 81 | 40 | 39 |
| | Business Administration | FTS | 34 | 17 | 10 |
| | Management | FTS | 83 | 50 | 37 |
| | Economics and International Business | FTS | 47 | 19 | 25 |
| | Finance | FTS | 62 | 24 | 20 |
| | Accountancy | FTS | 92 | 42 | 39 |
| | Economic Informatics | FTS | 43 | 19 | 23 |
| | Psychology | FTS | 200 | 106 | 47 |
| | Education Sciences | FTS | 95 | 49 | 34 |
| | Law | FTS | 184 | 104 | 98 |
| | Sociology | FTS | 130 | 73 | 50 |
| Social Work | FTS | 44 | 23 | 15 | |
| Arts and Humanities | Philology | FTS | 113 | 49 | 43 |
| | | PTS | 37 | 17 | 16 |
| | Music | FTS | 74 | 41 | 32 |
| Biomedical and Biological Sciences | Medicine | FTS | 179 | 96 | 74 |
| Science of Sports and Physical Education | Science of Sports and Physical Education | FTS | 146 | 75 | 36 |

FTS - full-time study; PTS - part-time study; DL - distance learning

Doctoral studies: number of students, freshers and graduates

| Doctoral field | Form of education | Total number of doctoral students on 01.10.2021 | Doctoral students enrolled on 01.10.2021 | Theses defended in 2021 |
|----------------------------------------------------------------|-------------------|-------------------------------------------------|------------------------------------------|-------------------------|
| Computers and Information Technology | FTS | 7 | 3 | 0 |
| | PTS | 5 | 0 | 1 |
| Science of Sport and Physical Education | FTS | 7 | 0 | 1 |
| | PTS | 7 | 2 | 2 |
| Informatics | FTS | 5 | 0 | 0 |
| | PTS | 4 | 0 | 0 |
| Materials Engineering | FTS | 9 | 1 | 2 |
| | PTS | 3 | 0 | 1 |
| Systems Engineering | FTS | 6 | 2 | 0 |
| | PTS | 1 | 0 | 0 |
| Electrical Engineering | FTS | 7 | 1 | 0 |
| | PTS | 1 | 1 | 0 |
| Electronics, Telecommunications and Informational Technologies | FTS | 11 | 3 | 2 |
| | PTS | 3 | 1 | 0 |
| Forest Engineering | FTS | 8 | 4 | 1 |
| | PTS | 6 | 0 | 0 |
| Industrial Engineering | FTS | 8 | 2 | 2 |
| | PTS | 17 | 5 | 1 |
| Mechanical Engineering | FTS | 46 | 9 | 5 |
| | PTS | 15 | 2 | 2 |
| Management and Engineering | FTS | 25 | 5 | 6 |
| | PTS | 11 | 0 | 0 |
| Philology | FTS | 30 | 2 | 5 |
| | PTS | 6 | 2 | 0 |
| Marketing | FTS | 13 | 3 | 5 |
| | PTS | 10 | 0 | 3 |
| Mathematics | FTS | 8 | 1 | 0 |
| | PTS | 2 | 2 | 1 |
| Medicine | FTS | 50 | 10 | 2 |
| | PTS | 24 | 7 | 0 |
| Music | FTS | 21 | 3 | 4 |
| | PTS | 8 | 1 | 2 |
| Forestry | FTS | 21 | 5 | 1 |
| | PTS | 49 | 13 | 2 |
| Finance | FTS | 8 | 3 | 0 |
| | PTS | 4 | 1 | 0 |
| Total | | 466 | 94 | 51 |

Academic staff and teaching positions

The structure of UNITBV's academic staff reflects both stability and dynamism in the human resources policy.

The positions of Assistant Lecturer are mainly temporary and are occupied by doctoral students and PhD graduates aspiring to a university career.

Tenured academic staff



Total 692

- 175 Professors
- 209 Associate professors
- 261 Lecturers
- 47 Assistant lecturers

Academic teaching positions

| | | ■ Tenured | ■ Collaborators |
|----------------------|-------|-----------|-----------------|
| Professors | 249 | 175 | 37 |
| Associate Professors | 262 | 209 | 14 |
| Lecturers | 956 | 261 | 117 |
| Assistant Lecturers | 205 | 47 | 112 |
| Total positions | 1,672 | 692 | 280 |

Distribution of the academic teaching staff by departments

| Department | Faculty | Prof. | Assoc. Prof. | Lect. | Assist. Lect. | Total |
|------------------------------------------------------------------------------|-----------------------------------------------------|-------|--------------|-------|---------------|-------|
| Mechanical Engineering | Mechanical Engineering | 10 | 8 | 6 | 0 | 24 |
| Automotive and Transport Engineering | | 13 | 4 | 11 | 0 | 28 |
| Manufacturing Engineering | Technological Engineering and Industrial Management | 7 | 7 | 9 | 0 | 23 |
| Engineering and Industrial Management | | 6 | 5 | 5 | 0 | 16 |
| Product Design, Mechatronics and Environment | Product Design and Environment | 23 | 9 | 11 | 0 | 43 |
| Materials Engineering and Welding | Material Science and Engineering | 5 | 7 | 1 | 0 | 13 |
| Materials Science | | 4 | 3 | 2 | 0 | 9 |
| Electrical Engineering and Applied Physics | Electrical Engineering and Computer Sciences | 1 | 7 | 8 | 1 | 17 |
| Automation and Information Technology | | 5 | 8 | 6 | 0 | 19 |
| Electronics and Computers | | 6 | 7 | 11 | 1 | 25 |
| Forestry | Silviculture and Forest Engineering | 4 | 5 | 6 | 0 | 15 |
| Forest Engineering, Forest Management, Planning and Terrestrial Measurements | | 8 | 7 | 3 | 0 | 18 |
| Wood Processing and Wood Product Design | Furniture Design and Wood Engineering | 7 | 5 | 5 | 1 | 18 |
| Civil Engineering | Civil Engineering | 3 | 6 | 7 | 0 | 16 |
| Installations for Civil Engineering | | 2 | 5 | 3 | 0 | 10 |
| Food and Tourism Engineering and Management | Food and Tourism | 5 | 5 | 7 | 1 | 18 |

| Department | Faculty | Prof. | Assoc. Prof. | Lect. | Assist. Lect. | Total |
|--------------------------------------------------------|-----------------------------------------------|-------|--------------|-------|---------------|-------|
| Mathematics and Computer Science | Mathematics and Computer Science | 8 | 17 | 1 | 8 | 49 |
| Literature and Cultural Studies | Letters | 4 | 11 | 17 | 1 | 33 |
| Theoretical and Applied Linguistics | | 6 | 9 | 12 | 0 | 27 |
| Physical Education and Special Motricity | Physical Education and Mountain Sports | 3 | 2 | 8 | 0 | 13 |
| Motor Performance | | 2 | 1 | 5 | 3 | 11 |
| Marketing, Tourism Services and International Business | Economic Sciences and Business Administration | 12 | 7 | 3 | 0 | 22 |
| Finance, Accounting and Economic Theory | | 3 | 11 | 1 | 0 | 15 |
| Management and Economic Informatics | | 3 | 5 | 8 | 0 | 16 |
| Psychology, Education and Teacher Training | Psychology and Education Sciences | 1 | 10 | 10 | 1 | 22 |
| Law | Law | 4 | 6 | 13 | 6 | 29 |
| Social and Communication Sciences | Sociology and Communication | 4 | 10 | 14 | 0 | 28 |
| Fundamental Disciplines and Clinical Prevention | Medicine | 7 | 8 | 22 | 13 | 50 |
| Medical and Surgical Specialities | | 3 | 9 | 19 | 9 | 40 |
| Interpretation and Music Pedagogy | Music | 6 | 5 | 12 | 2 | 25 |

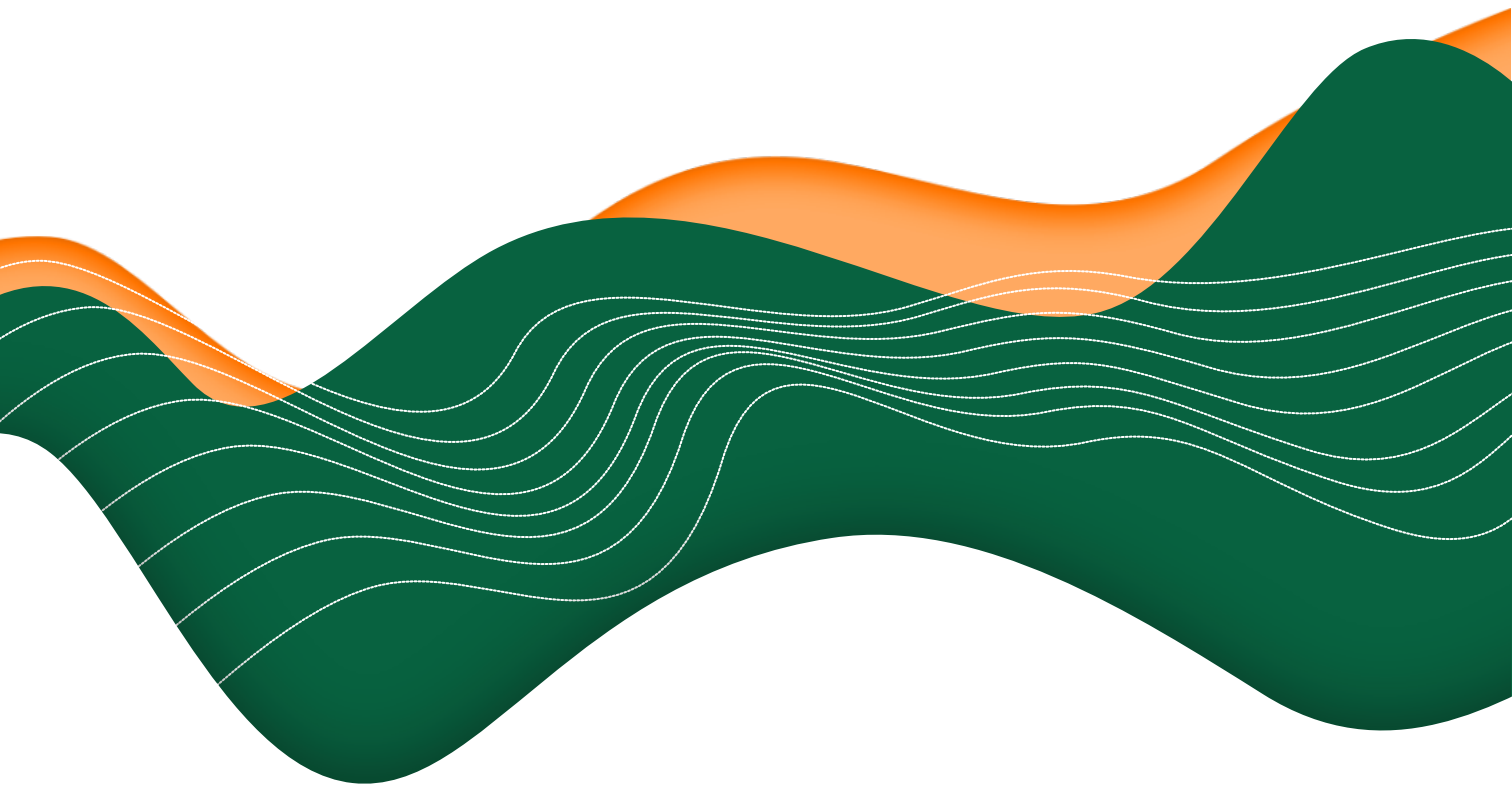
The professor most appreciated by the students

Acknowledging the qualities of the teaching staff through a consistent financial reward (increase of the monthly salary by 1,500 lei for one year) is a means by which UNITBV annually stimulates the performance of its academic staff in terms of their professional activity with students.

UNITBV is the only Romanian university to have implemented the programme "The most appreciated professor by the current year's graduates" since the academic year 2017-2018. This programme involves a secret ballot in which each graduate "votes" (before the final exam) for the most appreciated professor.

The academics who benefit from the salary increase include: (a) the members of the teaching staff who received the highest number of "votes" from the bachelor's degree graduates, and (b) the members of the teaching staff who totalled the highest percentage of "votes" from the bachelor's and master's degree graduates (10% of the total number of tenured teaching staff for each variant).

In 2021, based on the votes of the year's graduates, 138 members of the teaching staff (28 professors, 48 associate professors, 55 lecturers and 7 assistant lecturers) received the salary increase.



RESEARCH

Interdisciplinary research is a natural reflection of the university's comprehensive structure (which integrates engineering, social sciences, humanities, arts, medicine, mathematics, sports and physical education), as well as a strategic direction for the increase of the institution's recognition at a regional and international level. Although 2021 was marked by restrictions on international mobility programmes and face-to-face meetings, the results of the 692 members of the academic teaching staff and 55 researchers indicate an improvement in performance, both in terms of the number of authors who publish in prestigious journals, and of the quality of the obtained results (visibility and scope of research projects, international partnerships).

Prof. Dr. Carmen Buzea
Vice-Rector for Scientific Research and Informatization

Research funding: projects, grants, contracts, internal programmes

139 grants, projects and contracts for scientific research and technical assistance were implemented within the university in 2021, with a total value of 2,590,830 euros.

Projects, grants and contracts

**30
projects**

1,142,493 €
National Plan for Research,
Development and Innovation

**55
grants**

787,692 €
International
funding

**54
contracts**

660,645 €
Industry and other
funding sources

UNITBV - funded research and development programmes

In order to support the research activity and to strengthen international partnerships, a series of internal programmes were developed, which were fully funded or co-financed by the university.

**6
scholarships**

800 € / month, 67 months

Residential scholarship (total)
Transilvania Fellowship for Young
Researchers

**130,307
volumes**

59,000 €

Access to online
collections

**10
projects**

550,000 €

R&I student projects

Publications and patents

738 scientific papers indexed in the ISI Web of Science (WoS)/Clarivate Analytics database were published in 2021 (partial data, on 30 June 2022). There was an increase in the number of academic teaching staff and researchers who publish articles in prestigious journals, as well as in the number of articles published in journals with very good scientometric ratings (i.e. impact factor, relative influence score).

Teaching staff, researchers and doctoral students who published in ISI WoS/Clarivate Analytic indexed journals



2019 299

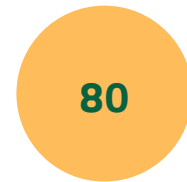
2020 405

2021 533

ISI WoS/Clarivate Analytics indexed publications



ISI WoS/Clarivate
Analytics

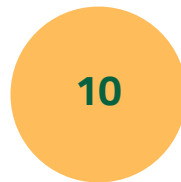


Proceedings and other
ISI WoS/Clarivate
Analytics publications

Patents



issued
patents



patent
applications

Interdisciplinary Doctoral School

The doctoral studies and postdoctoral stages of advanced research are carried out within the Interdisciplinary Doctoral School

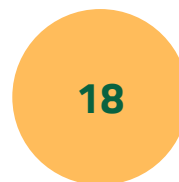
Doctoral students, doctoral supervisors



● 463 doctoral students

● 158 doctoral supervisor

Activity of the Interdisciplinary Doctoral School



doctoral fields



publicly defended
theses



certificates of
habilitation

Research results per faculties

| | FACULTY OF MECHANICAL ENGINEERING | FACULTY OF TECHNOLOGICAL ENGINEERING AND INDUSTRIAL MANAGEMENT | FACULTY OF MATERIALS SCIENCE AND ENGINEERING |
|---------------------------------------|-----------------------------------------|----------------------------------------------------------------------|----------------------------------------------------|
| Academic teaching staff | 52 | 39 | 22 |
| Researchers | 7 | 4 | 5 |
| Doctoral students | 36 | 41 | 15 |
| National funding projects | 5 | 5 | 13 |
| National funding projects budget | 255,309 € | 133,731 € | 56,041 € |
| International funding projects | 1 | 1 | 0 |
| International funding projects budget | 14,392 € | 0 | 0 |
| ISI WoS publications | 58 | 16 | 21 |
| ISI WoS articles & review articles | 52 | 15 | 21 |

| | FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE | FACULTY OF SILVICULTURE AND FOREST ENGINEERING | FACULTY OF FURNITURE DESIGN AND WOOD ENGINEERING |
|---------------------------------------|--------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------|
| Academic teaching staff | 61 | 33 | 18 |
| Researchers | 16 | 12 | 0 |
| Doctoral students | 42 | 69 | 16 |
| National funding projects | 14 | 26 | 0 |
| National funding projects budget | 257,478 € | 555,787 € | 0 |
| International funding projects | 5 | 11 | 3 |
| International funding projects budget | 328,519 € | 98,839 € | 10,074 € |
| ISI WoS publications | 108 | 78 | 28 |
| ISI WoS articles & review articles | 95 | 76 | 28 |

**FACULTY OF
CIVIL ENGINEERING**

**FACULTY OF FOOD
AND TOURISM**

**FACULTY OF PRODUCT
DESIGN AND
ENVIRONMENT**

| | | | |
|---------------------------------------|-----------------|-----------------|------------------|
| Academic teaching staff | 26 | 18 | 43 |
| Researchers | 1 | 0 | 4 |
| Doctoral students | 2 | 5 | 31 |
| National funding projects | 4 | 1 | 3 |
| National funding projects budget | 80,772 € | 4,083 € | 87,509 € |
| International funding projects | 5 | 2 | 8 |
| International funding projects budget | 20,742 € | 21,612 € | 146,281 € |
| ISI WoS publications | 44 | 15 | 32 |
| ISI WoS articles & review articles | 43 | 13 | 29 |

**FACULTY OF MATHEMATICS
AND COMPUTER
SCIENCE**

**FACULTY OF ECONOMIC
SCIENCES AND BUSINESS
ADMINISTRATION**

**FACULTY OF PSYCHOLOGY
AND EDUCATION
SCIENCES**

| | | | |
|---------------------------------------|-----|----------|-----------|
| Academic teaching staff | 49 | 53 | 22 |
| Researchers | 0 | 2 | 0 |
| Doctoral students | 19 | 35 | 0 |
| National funding projects | 0 | 3 | 3 |
| National funding projects budget | 0 | 53,540 € | 193,038 € |
| International funding projects | 0 | 1 | 3 |
| International funding projects budget | 0 | 0 | 18,367 € |
| ISI WoS publications | 101 | 48 | 12 |
| ISI WoS articles & review articles | 93 | 42 | 12 |

FACULTY OF PHYSICAL
EDUCATION AND
MOUNTAIN SPORTS

FACULTY OF
MUSIC

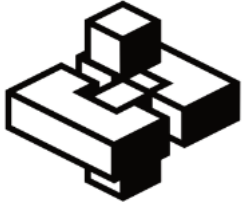
FACULTY OF
MEDICINE

| | | | |
|---------------------------------------|---------|----|----------|
| Academic teaching staff | 24 | 25 | 90 |
| Researchers | 0 | 0 | 2 |
| Doctoral students | 14 | 29 | 74 |
| National funding projects | 1 | 0 | 3 |
| National funding projects budget | 9,093 € | 0 | 47,916 € |
| International funding projects | 0 | 0 | 7 |
| International funding projects budget | 0 | 0 | 87,643 € |
| ISI WoS publications | 22 | 20 | 102 |
| ISI WoS articles & review articles | 22 | 19 | 94 |

| | FACULTY OF LETTERS | FACULTY OF LAW | FACULTY OF SOCIOLOGY AND COMMUNICATION |
|---------------------------------------|--------------------|----------------|----------------------------------------|
| Academic teaching staff | 60 | 29 | 28 |
| Researchers | 2 | 0 | 0 |
| Doctoral students | 34 | 0 | 0 |
| National funding projects | 3 | 0 | 0 |
| National funding projects budget | 68,841 € | 0 | 0 |
| International funding projects | 4 | 0 | 4 |
| International funding projects budget | 6,800 € | 0 | 34,423 € |
| ISI WoS publications | 13 | 2 | 13 |
| ISI WoS articles & review articles | 11 | 2 | 13 |

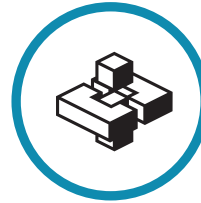
* Publications with authors from several faculties are included in the statistics of each faculty

Research infrastructure - Research and Development Institute



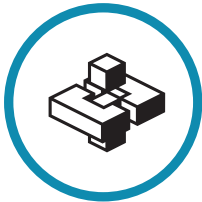
**RESEARCH
AND DEVELOPMENT
INSTITUTE**

Transilvania University
of Brasov



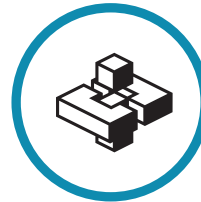
Equipment

68 integrated equipment
lines



Infrastructure

12 buildings with high
energy efficiency



Software

18 software packages



Research Centres

30 research centres



Events

Summer schools
Training stages
Workshops

Scientific events

In 2021, UNITBV organized and hosted national and international scientific events: conferences, workshops, symposia, etc., attended by members of the academic community, collaborators and economic partners and representatives of the local community. In the context of the restrictions imposed by the Covid-19 pandemic, some of the events scheduled for 2021 were rescheduled or conducted online.

International conferences organized in 2021

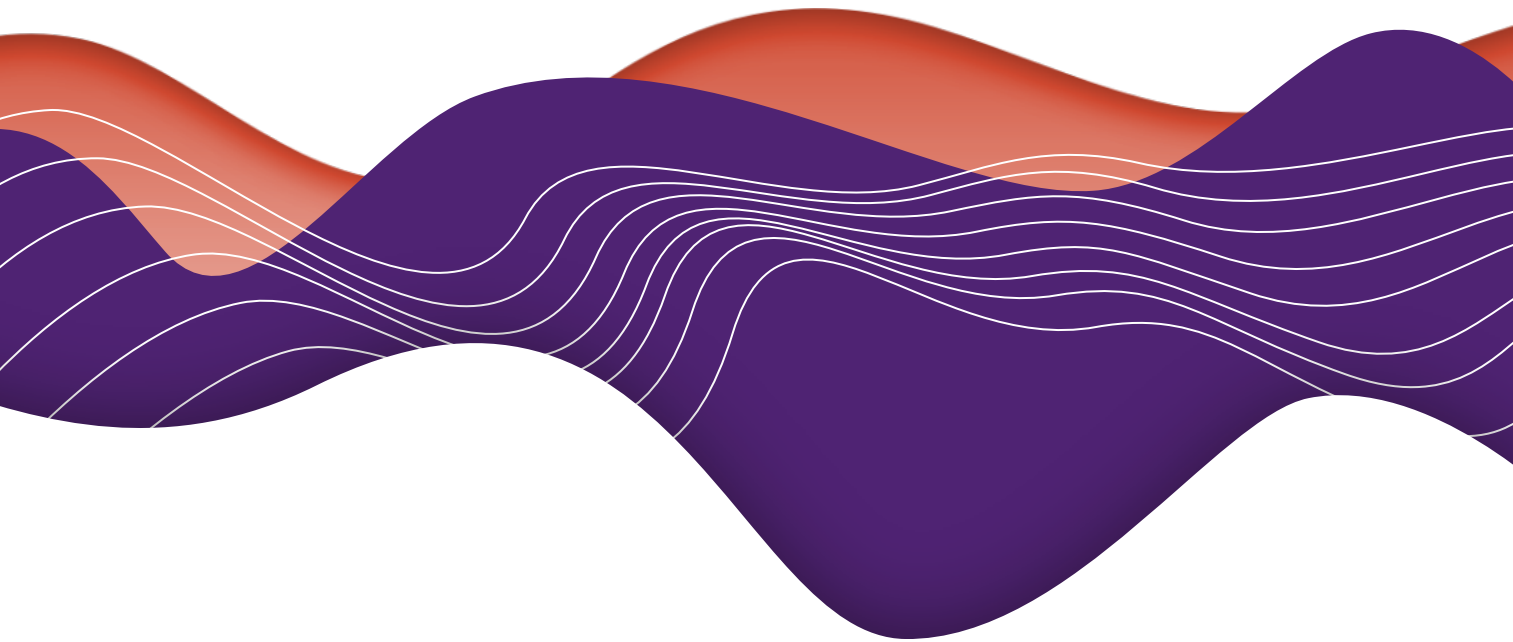
| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| The 16th International Conference on Civil Engineering and Building Services | CIBv |
| The 11th International Conference on Information Science and Information Literacy | ICISIL |
| The 4th International Conference on Current Issues within EU and EU Member States: Converging and Diverging Legal Trends | TILC |
| The 12th International Conference on Youth in the Perspective of the Olympic Movement | YPOM |
| Digital Transformation of Furniture Sector: New Opportunities for the Labour Market | DITRAMA |
| The 18th International Joint Conference - Optimization of Electrical & Electronic Equipment and Aegean Conference on Electrical Machines and Power Electronics | OPTIM-ACEMP |
| The 9th International Conference on Computational Mechanics and Virtual Engineering | COMEC |

| | |
|-------------------------------------------------------------------------------------------------------------------------------|-------------|
| The 5 th Edition of the European Poetry Biennale - Screen Time | Screen Time |
| The 11 th International Conference on The Science of Music. Excellence in Performance | ICSMEP |
| Innovative Approaches to Education in a Modern, Diverse and Intercultural Environment | UNICULTURE |
| The 5 th International Conference on Inclusive and Sustainable Economic Growth. Challenges, Measures and Solutions | ISEG |
| Leaders of Automotive Science and Industry - Conference Series | LASI |
| The 2 nd International Conference on Ethical Values in Nowadays Society | VESA |

UNITA Alliance



In 2021, UNITBV joined, as associated partner, the **UNITA University Alliance – Universitas Montium**, a consortium established in the framework of the European University initiative, with the aim of generating systemic changes in the European higher education. The Alliance joins ten universities from five European Romance language countries and carries out its activities in mountain and cross-border geographic, cultural and socio-economic ecosystems: Università degli studi di Torino (Italy), Université de Pau et des Pays de l'Adour (France), Université Savoie Mont Blanc (France), Universidad de Zaragoza (Spain), Universidade Beira Interior (Portugal), West University of Timisoara (Romania), Università degli Studi di Brescia (Italy), Transilvania University of Brasov (Romania), Politécnico da Guarda (Portugal), Universidad Pública de Navarra (Spain).



STUDENTS AND SOCIO-ECONOMIC ENVIRONMENT

Although 2021 has been characterized by a fluctuating evolution of the COVID19 pandemic, at Transilvania University of Braşov every effort has been made to provide students with adequate study and living standards, as close to normal as possible, in compliance with all the specific sanitary norms. Hence, although the hybrid learning system was dominant in the first part of the academic year, there was a subsequent full return to onsite learning activities; in the latter scenario there were numerous advantages regarding both the quality of the teaching-learning process and the students' need for socialization as well as their psychological well-being.

The encouragement of achievements in learning continued in 2021 as the university awarded performance scholarships to students, international mobility scholarships and rewarded the valedictorians of all bachelor's degree study programmes. Furthermore, high school valedictorians who chose to study at Transilvania University of Braşov and bachelor's degree graduates-valedictorians who enrolled in a master's degree programme of the university, were offered a laptop, complimentary accommodation and meals.

The Centre for Career Guidance and Counselling and the Student Entrepreneurial Society provided professional and psychological counselling, as well as a series of entrepreneurship-oriented events.

Internal project competitions for students with innovative skills continued in 2021; thus, the University allocated 1,000,000 euros for projects which were mainly centred on the progress of digitalization processes at the university, on the advancement of teaching-learning approaches, as well as on the development of a UNITBV green campus. Moreover, all the students involved in the continuous improvement of campus activities were motivated by special scholarships.

The rehabilitation and modernization works continued in residence halls and canteen-restaurants. Also, improvements were made not only to interiors but also to the exterior-adjacent areas (alleys, parks, household waste collection areas, etc.).

Prof. Dr. Eng. Daniel MUNTEANU
Vice-Rector for students and the relation with the economic
and socio-cultural environment

Our students

UNITBV students attending bachelor's, master's and doctoral study programmes are enrolled in the 18 faculties of the university.

| Bachelor's degree | Master's degree | Doctoral degree |
|-------------------|-----------------|-----------------|
| 16,601 | 3,217 | 466 |

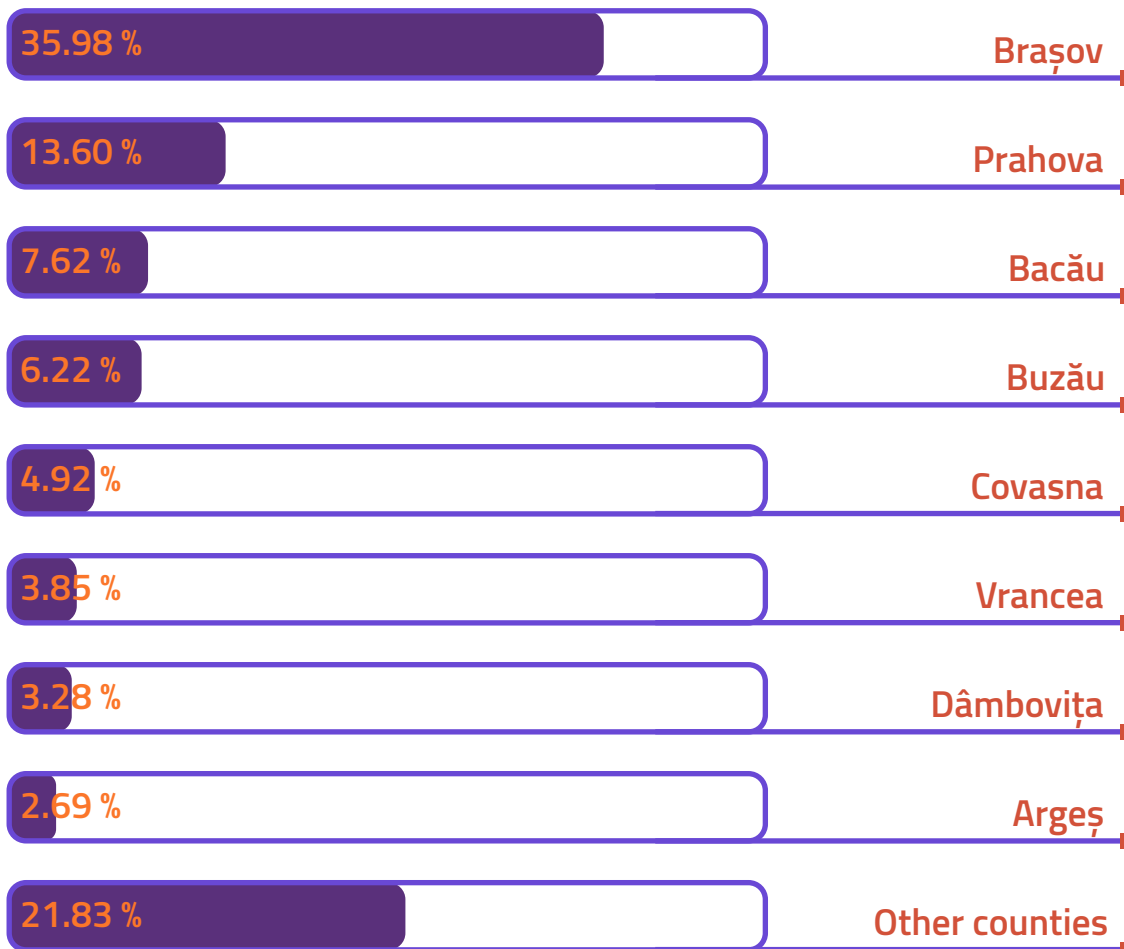
Distribution of students by faculties

| | |
|-----------------------------------------------------|-------|
| Economic Sciences and Business Administration | 2,850 |
| Mechanical Engineering | 1,865 |
| Electrical Engineering and Computer Science | 1,795 |
| Medicine | 1,675 |
| Law | 1,573 |
| Psychology and Education Sciences | 1,378 |
| Sociology and Communication | 1,224 |
| Technological Engineering and Industrial Management | 1,082 |
| Mathematics and Computer Science | 1,069 |
| Product Design and Environment | 993 |
| Letters | 985 |
| Silviculture and Forest Engineering | 913 |
| Physical Education and Mountain Sports | 800 |
| Food and Tourism | 736 |
| Civil Engineering | 522 |
| Materials Science and Engineering | 351 |
| Furniture Design and Wood Engineering | 241 |
| Music | 232 |

Origin of UNITBV students

Students from all counties of Romania are enrolled in the three study cycles:

UNITBV students' origin by counties



Campus infrastructure

- “Memorandum” Campus – 8 residence halls with 2,534 accommodation places
- “Colina” Campus – 5 residence halls with 1,800 accommodation places
- Canteens - à la carte restaurant: “Memo” and “Colina” - over 700 students daily
- Colina Arena - football field equipped with nightlights
- Colina Club – relaxation space for students

2021 new and modernized campus facilities

- digital management accommodation system;
- digital access system for residence halls, with virtual access cards generated by the student@unitbv mobile app;
- all household waste collection areas were modernized and greened;
- modernization of student accommodation spaces in both student campuses ;
- Colina Student Lounge was renovated and equipped ;
- rehabilitation works for the “Colina” Campus park continued;
- 70 washing machines, 35 laundry dryers and 40 electric hobs in the residence halls;
- 5 fully-equipped laundry rooms were built on the “Colina” Campus;
- mobile application for students, student@unitbv;
- upgrading the payment system for student accommodation, also available on the student@unitbv mobile application, was further upgraded;
- improvement of the digital system for final year students clearance procedure.

Support Structures for Students

■ Centre for Career Guidance and Counselling

The Centre offered students psychological, educational and career counselling to facilitate an easier adjustment to the dynamics of the academic setting, and to raise the graduates' employability chances.

| Activities | UNITBV Students |
|-------------------------------------------------|-----------------|
| Career counseling | 53 |
| Psycho-pedagogical assistance | 93 |
| "Emotion Management" Workshop | 25 |
| "Academic Learning Strategies" Workshop | 194 |
| Volunteer work for the activities at the Centre | 44 |

■ Student Entrepreneurial Society

- the society's activities includes:

- developing the club for entrepreneurs, under the slogan "Together in learning, together in practice";
- promoting entrepreneurship skills among UNITBV students from all domains of study;
- reconsidering certain study programmes by associating field knowledge with entrepreneurial expertise as to encourage receptivity to access the job market from intra and entrepreneurial positions - hence the creation of the first "Entrepreneurship in Engineering" bachelor's degree programme;
- setting up cooperative projects with other student entrepreneurial societies in the country.
- stimulating and improving entrepreneurship competencies and skills among students of Transilvania University of Braşov by establishing a community of young creative minds with entrepreneurial spirit;
- building and equipping the spaces for the specific activities of the Student Entrepreneurial Society ("Colina": SAS Lounge, Entrepreneurs' Club, Halls C and E).

■ Academic Writing Centre

- 3 consulting centres in drafting scientific projects.

Internal project competitions for students

■ "My diploma Project"

- financial support for 12 outstanding diploma projects recommended by the Faculty Councils - 12,000 lei/project

■ "Be Central!"

- financial support for several projects on the digitalization of the administrative processes in the university, on the improvement of learning activities and on the development of a green campus.

- funding for 9 projects on themes proposed by students, totalling 716,663 euros.

Projects approved for funding:

■ ALUMNI_INSERT – Strengthening the relationship between Transilvania University of Braşov and its alumni through the digitalization of specific activities;

■ a centre of mental and physical health (Melo-Psi-Med);

■ Userfriendly upload of research data in the electronic platforms FRACS and CNATDCU and electronic signature;

■ turning the "Colina" Campus residence halls into a green campus with a renewable energy system for the supply of heating energy;

■ solar heating system on the rooftop of the Memo student canteens;

■ geothermal system for thermal energy at the "Memorandum" Canteen;

■ expansion of the Centre for Simulation in Medicine at Transilvania University of Braşov;

■ digitalization and modernization of student canteens.

Awarding Scholarships and Student Support

„Gala of Valedictorians“

In 2021, the valedictorians of the 18 faculties were rewarded at “Sergiu Chiriacescu” Aula of Transilvania University of Braşov.

Scholarships granted to students

- 8 performance scholarships
- 50 special scholarships
- 4430 merit scholarships
- 1394 social scholarships
- 1750 occasional scholarships
- 5 external temporary mobility scholarships
- 41 private scholarships
- 128 excellence scholarships for doctoral students
- 37 scholarships for the students of "Sf. Iosif" Foster Home - Covasna County

Programmes supporting student performance

High school valedictorians who became students of our university and the bachelor's degree graduates – valedictorians who continue their studies at Transilvania University of Braşov were motivated by one of the following:

- a free laptop, complimentary accommodation and meals – 55 students
- vouchers for office stationery – 11 students
- discounts / exemptions on accommodation - 145 students
- discounts / exemptions for meals - 160 students



Transilvania Star Group (TSG), was established as a group of students engaged in campus administrative and maintenance activities, such as:

■ Student@UNITBV mobile application:

- interface in English ;
- interface for teaching staff;
- section dedicated to scholarships and average marks;
- exam calendar;
- Erasmus+ study opportunities;

■ Registry Office

- document management app;
- organizational chart page of the UNITBV staff

■ Tutorials

- video tutorials for students on the use of various platforms and internal operations of the university.

■ Web Design

- website for the Centre for Career Guidance and Counselling (consiliere.unitbv.ro);
- website for the Student Entrepreneurial Society and publications;
- promotion website for Transilvania Star Group (tsg.unitbv.ro).

■ Miscellaneous applications:

- update of the student internship platform.





Featuring programmes of interest to students, Radio Campus Transilvania (<http://rct.unitbv.ro>) is the online radio station at Transilvania University of Braşov whose entire team consists of student volunteers from all the faculties.

Radio shows:

■ Morning Campus

A morning show broadcast between 9 a.m. and 11 a.m., on Tuesdays, Wednesdays and Thursdays.

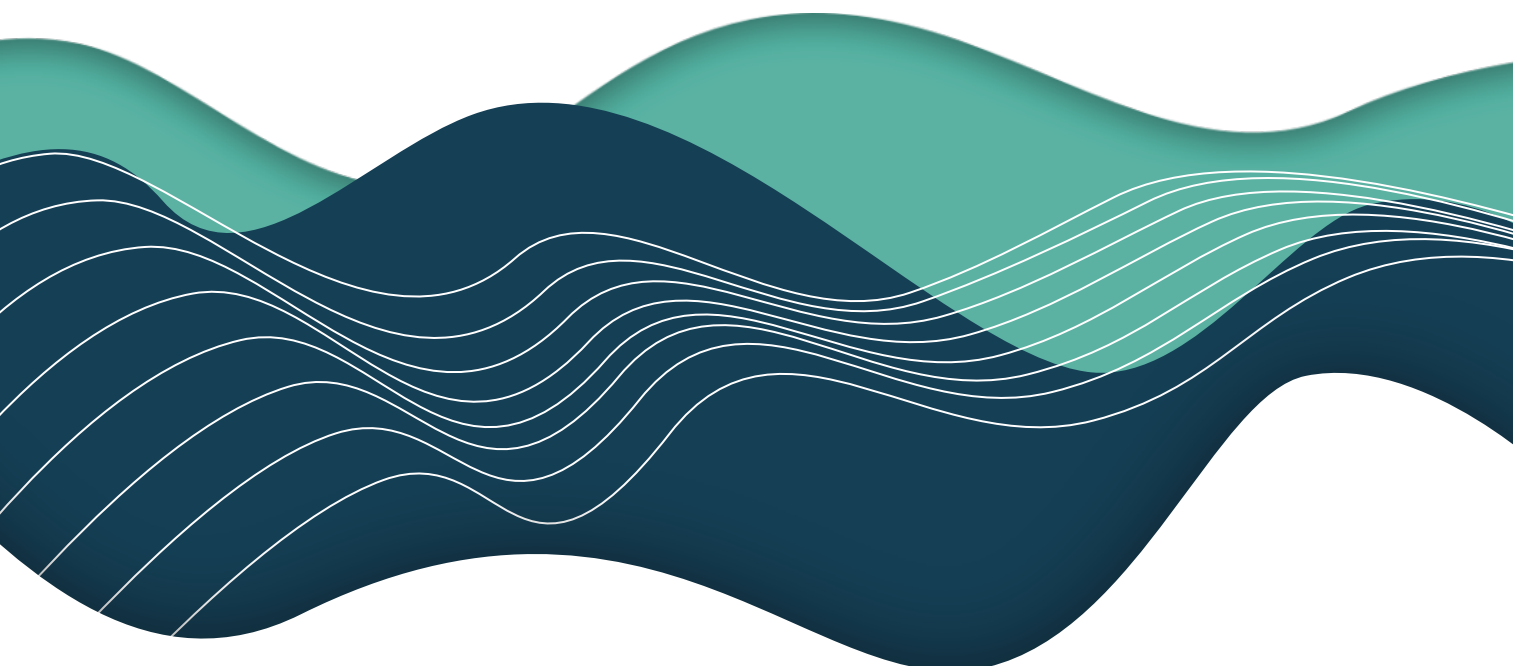
■ "A talk with..."

Airing weekly, on Thursdays at 7 p.m., it is an evening show that features guests who are either members of the academic community or representatives of the business community in Braşov.

■ "Here or to go" Podcast

The audience rate of podcasts grew exponentially during the pandemic such that the integration of this concept into the broadcasting schedule of Radio Campus Transilvania became a requisite. An official YouTube channel of the radio station was launched and accounts were created on the main podcasting platforms available in Romania: Spotify, Apple Podcasts and Google Podcasts.

The shows were recorded in video and audio format and broadcast live on the Facebook page or on the rct.unitbv.ro website.



CULTURAL EVENTS

The year 2021 was a year of continuous reinvention. The pandemic and the epidemiological measures have made the extracurricular activities develop differently, both online and onsite, enabling us to be an active presence in Braşov's cultural community.

Culture and education in the online world are undoubtedly an intermezzo, which helped us discover a different type of public, one which allows us to better understand the need to continue the cultural activities irrespective of their occurring conditions.

As noted by Octavian Paler "Culture is or should be a certain manner of loving the world and of hoping!" It's culture that connects the university with Braşov's cultural community, to which we belong.

Cultural life has proven, this time too, to be a safety means, a constant standard in our very existence, an efficient way of keeping a good quality of life, equally providing hopes and certainties.

The cultural activities represent a link between the members of the academic community and Braşov's cultural community and a way of increasing Braşov's visibility on a national and international level.

The university, one of the emblematic institutions of Braşov, commits itself to train people capable of being responsible, socially and civically involved, being a source of education, innovation and research, being part of the effort to fight the pandemic, but also to return to normality. All this makes up a unitary whole in the area of personal and global knowledge and development, but also in the global effort to promote educational and socio-cultural values.

Prof. Dr. Md. Liliana Rogoza
Vice-Rector for Public Relations

In recent years, the university has diversified its activity by gaining a solid cultural dimension. The main contributors to the ever-richer cultural life are the university's Music Centre, Multicultural Centre and "Norbert Detaeye" Multimedia Library.

Among other faculties, the Faculty of Music and the Faculty of Letters are especially active in organizing cultural events and promoting valuable artists from among their students and the world.

Thereby, UNITBV has become a true ambassador of cultural values within the community of Braşov, but also at a national and international level. Proof thereof is the considerable number of events organized in 2021, a year constrained by the health crisis.



The acknowledgement of UNITBV's cultural and creative activity was reflected by the high number of spectators present (onsite or online) at the events and by the numerous nominations in plenty of the categories of the competition "Awards of the Year for Culture in Brasov". The winner of the "Book of the Year Award" was the dramatist Mihai Ignat, professor at the Faculty of Letters.

| | |
|--------------------------------------------|----|
| ■ Concerts and recitals | 24 |
| ■ Exhibitions and vernissages | 8 |
| ■ Film projections | 5 |
| ■ Literary events | 4 |
| ■ Festivals and fairs | 3 |
| ■ Conferences and workshops | 3 |
| ■ Cultural events for educational purposes | 6 |
| ■ Other cultural events | 11 |

Concerts and recitals

- **PhD Students at the Music Gala Concert:** performed by Phd Students at the university's Interdisciplinary Doctoral School: Adetu Edith, Bourceanu Mădălina, Calefariu Emilia, Pop Anda, Vari Renata, Bercu Alina, Lazar-Boros Maria Magdalena, Negrea Ana-Maria, Darie Laurențiu, Mureșan Valentin, Ropotan Radu, Sebastian Shwan, Szocs Botond;
- **Organ concert "Liszt and the Romantic Organ",** performed by graduates of the organ class at the Faculty of Music, Iulia Reitu and Geanina Sălăgean ;
- Pascal J. Haydn concert, **"The Last Seven Words of Christ on the Cross"**, performed by Gaudeamus Quartet (Lucia Neagoe, Raluca Irimia, Leona Varvarichi, Ștefan Neagoe) and the priest Ioan Manea - online;
- **"Stabat Mater"**, concert by Giovanni Pergoles, performed by soprano Aurelia Florian, mezzosoprano Carmen Topciu, pianist Ovidiu Mezei and the Kronstadt Quartet, with its members Adrian Pipaș (violin I), Ana-Maria Pipaș (violin II), Előd Gabor (viola) and Zsófia Bartha (violoncello);



- Vocal-instrumental recital, performed by the pianist Alina Elena Bercu and the tenor Gabriel Sin, set-up realized by Vladimir Horowitz for the work **"Paintings from an exhibition"** by M. Mussorgski;
- **"Swing in Style"**, concert performed by Luiza Zan- vocals and Jazzpar Trio: Gáspár Csaba- violin, vocals; Gáspár Almos- guitar; Vitályos Lehe- double bass;
- Concerts at the Romania Pavilion of World Expo 2020 Dubai. Participants: Lecturer Dr. Alexandra Belibou, Alexandra Mitu – piano (class of Assoc. Prof. Dr. Anca Preda), Sabin Bănescu – piano (class of Assoc. Prof. Dr. Anca Preda), Nora Kakasi – flute (class of Prof. Dr. Filip Ignac), Magdalena Lazăr (PhD student, class of Prof. Dr. Stela Drăgulin), Ionel Suciuc – clarinet (class of Dr. Iulian Rusu), Filip Zsombor – guitar (class of Prof. Dr. Corneliu Voicescu), Janet Gal – violin (class of Assoc. Prof. Dr. Alina Nauncef), Nicoleta Porancea - viola (class of Lecturer Dr. Leona Varvarichi), Andrei Drăgușanu – accordion, and Lecturer Dr. Lioara Frățilă - piano;

■ Vocal-instrumental recitals performed by pianist Paul Cristian Ionescu (class of Prof. Dr. Corina Ibănescu) and mezzosoprano Noémi Karácsony, Assistant Professor at the Faculty of Music - Novi Sad, Belgrad;

■ **"Saint Nicholas' Evening Concert"** - the Orchestra and Choir of the Faculty of Music of Braşov, performers: Mădălina Bourceanu, Ioana Rucsanda, Gabriel Pleşca, Conductor: Traian Ichim;

■ Christmas Carols concert **"Waiting for Santa Claus"** - the Children's Choir of Transilvania University of Braşov - the Happy Chamber coordinated by PhD students Iuliana ISAC and Vlad Isac;

■ Christmas Carols concert - performed by students of the Faculty of Music at Transilvania University of Braşov, coordinated by Associate Professor PhD student Liviu Iosif and Associate Professor PhD student George Muraru;

■ **"Santa Claus is coming to town"** - concert performed by students of the classes of pop music and jazz at the Faculty of Music, coordinated by PhD student Anda Pop.



■ Chamber Jazz@Transilvania University

● **Alone Together** - Jazz improvisations - a series of solo piano concerts in six pieces - artists: Mircea Tiberian, Alexandru Olteanu, Toma Dimitriu, Lucian Ban, Sebastian Spanache, Romeo Cozma, Both Sides of the River/Mircea Tiberian, Chris Dahlgren & Tilo Weber;

● **Mat Maneri DUST: Mat Maneri** - viola Hohn Hebert – double bass, Randi Peterson – drums, Lucian Ban – piano;

● **BORDERLINE:** Louis Sclavis, Lucian Ban and Moritz Baumgartner;

- Piano recital - Paul Ionescu;
- Anastasia Barbu recital, Piano Star excellence programme;
- Piano recital - Diana Ionescu;
- Vibrate festival concert, Impressions de voyage en jazz: Enescu, Ellington, Ravel, Ramona Horvath and the French double bass player Nicolas Rageau;
- Vibrate festival concert, TranSimfonia ECHOS, at Aula of Transilvania University of Braşov;
- Vibrate festival concert, Dostoievski - Diana Ionescu, Bartholomew LaFollette and Fanfarov Dumitru;
- Concert Unseen. Concert in the dark - Monica Florescu - piano and Makcim Fernandez Samodaiev violoncello;
- Recital Kira Frolu;
- Violin and piano recital: Valentin Şerban and Ioan Dragoş Dimitriu.
- The recital of the pianist Paul Cristian Ionescu (class of prof. dr. Corina Ibănescu) and mezzo-soprano Noémi Karácsony, Assistant Professor of the Faculty of Music Novi Sad and Belgrad, Serbia;
- Concerts held by the students and professors from the Faculty of Music at Expo 2020 Dubai.



Exhibitions and vernissages

- **"Transylvania Retouched. A Matter of Landscape and Representation"** – the exhibition was curated by Daniela Duca and Virág Major and initiated by RCI Berlin - Rumänisches Kulturinstitut Berlin. The project included works of some Romanian and Hungarian artists born in Transilvania - Aladár Garda, Anca Benera & Arnold Estefan, Zsolt Fekete, Károly Elekes, Lehel Kovács, Mircea Nicolae, Radu Băies and Szabolcs Kisspál - as well as unique materials (photographs, video and texts) from the personal archives of the founders of the artistic movement land - art MAMÚ;
- **"FAR - 12 Architecture photographs from Romania"** – an exhibition capturing the creation of 12 photographers and their vision on architecture and built space: Alexandru Crişan, Cosmin Dragomir, Vlad Eftenie, Laurian Ghiniţoiu, Dacian Groza, Radu Malaşincu, Andrei Mărgulescu, Ovidiu Micşa, Vlad Pătru, Ştefan Tuchilă, Arthur Ţinţu and Şerban Bonciocat;

■ **"Bitter Things. Things which hurt. Stories and memories of some transnational families"** – the exhibition was realised by the bi'bak creation platform from Berlin and is based of documentary nature; the exhibition follows the impact of workforce on the concepts of maternity and family, from the perspective of some migrant workers and of their children who were left behind. Concept and artistic execution: Malve Lippmann, Can Sungu. Project coordinator: Anna Krauss;

■ **"Amural- Metabuildung"** – exhibition and Marius Jurca's digital construct: Patterns of Andrei Bodi's poetry represents an interactive digital homage brought to the Romanian poet Andrei Bodi (1965-2014), editor-in-chief of the Interval magazine, former professor and dean of the Faculty of Letters;



■ **"Amural- Metabuilung"** – the exhibition by Ovidiu Hrin offers a reflexive glance to the core of the creative device (of graphic design, typo-graphic and calligraphic) from which arise, in fact, the defining components of the portrait, voice, discourse and public perception of all those pertaining to the public space. The three main installations - murmur, crazy A.I. and vortex - offer cryptic-experimental incursions into some of the domains in which Ovidiu works and writes: writing, graphic design, typography, calligraphic writing and critical discourse;

■ The Blue Biennale exhibition **"Vegetal Bodies"**, the world of Anja Molendjik, mysterious, oneiric, vegetal-humane, drawn on unconventional stands and coloured only apparently in a uniform manner;

■ Greek personalities who played a role in the history of the Romanians, from antiquity till present times – a documentary exhibition realised under the auspices of the Greek Embassy in Bucharest, part of a series of events which celebrated the Bi-centennial of the Greek Revolution;

■ Vernissage Braşov on the Rise. Atmosphere, Architecture and Urban Space, 3rd edition, Prof. Dr. Arch. Teofil Mihăilescu.

Film projections

- KineDok la Braşov, season VI
 - Romanian short films from the communist era: **A report from Steagul Roşu** (Alexandru Sîrbu, 1956 - 19 min.), **Our house as a flower** (Alexandru Boiangiu, 1963 - 19 min.), **Letter from the new city** (Titus Mesaroş, 197 - 10 min.), **Find out about me** (Adrian Sârbu, 1982 - 17 min.), **For greatgrandchildren, something else about Bucharest** (Doru Segall, 1980 - 15 min.);
 - **"Srbenka"** – documentary;
 - **"Kiruna"**- documentary;
 - **"Solo"** – 13th of October;
- Alpine Film Festival: projection of **Wood** by Monica Lăzurean-Gorgan, Ebba Sinzinger, Michaela Kirst.



Literary events

- Literary debates within the *Présents littéraires francophones*;
- A night's reading with writer Ingo Schulze;
- The 5th edition of the European Poetry Biennale, *Screen Time* - foreign poets: Crispin Best (UK), Iris Colomb (UK), Nadia De Vries (NL), Sergej Timofejev (LV), Kinga Tóth (HU), Yulya Tsimafeyeva (BY), Alhierd Bacharevič (BY), and Romanian poets: Ruxandra Novac, Svetlana Cârstean, Dósa Andrei, Ioana Zenaida Rotariu, Bogdan Ghiu, Cosmina Moroşan, Deniz Otay;
- Poetry book launch **"Timpul pierdut. Jurnal de pandemie"** (Lost time. A pandemic diary), vol. 2, author: Prof. Dr. Tiberiu Foriş.



Festivals and fairs

- AFFECT festival "Imperfect festival" - Partner of the Faculty of Psychology and Educational Sciences of UNITBV;
- Vibrate festival and Amural record festivals - Partner of the Multicultural Centre of UNITBV;
- The international fair "The 17th China, Shenzhen International Cultural Industries Fair Cloud ICIF" - Shenzhen, China.



Conferences and workshops

- Three workshops Tradition reloaded: connect visually and emotionally with Romanian craft workers as they create art, organised by the Faculty of Furniture Design and Wood Engineering at World Expo 2020 Dubai – 21st of November;
- Workshops and tutorials on traditional Romanian motives, organised by a group of students from the Faculty of Psychology and Educational Sciences at World Expo 2020 Dubai;
- Andrei Mărgulescu- certainties, dilemmas and pictures - conference.

Cultural events for educational purposes

■ Music Education workshop Rhythm, melody and harmony, coordinated by Prof. Dr. Madălina Rucsanda and Lecturer Dr. Alexandra Belibou – March;



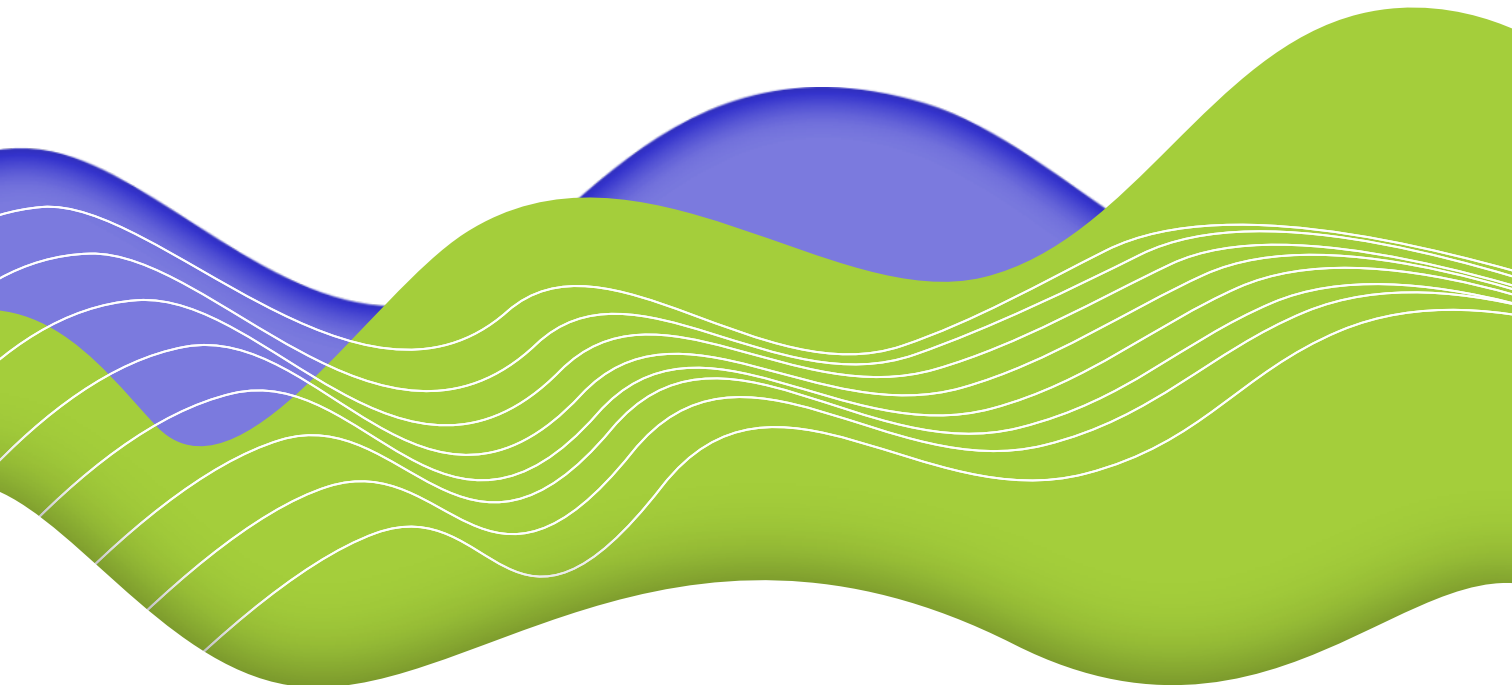
- Let's know each other better (Project ROSE PSE-Student);
- International Student Research Webinar in Language and Culture, 2nd edition;
- International interdisciplinary conference Dracula Congress;
- Workshop: Approach to the Didactic Scenario between Logical and Creative;
- Tactile-kinaesthetic Perception and Artistic Drawing in Skills Training and I Feel Good at School (Project Relevant Curriculum, Open Education to All [CRED]).

Other cultural events

- Dor! Dor? Das Land, in dem ich geboren bin. Heimat: Fremde - project, initiated by the cultural referent for Transylvania from the Transylvanian Museum from Gudesheim, Germany and by the association Time for culture;
- Mentoring und Aktion - project realized by the German Cultural Centre in Braşov, in collaboration with the Multicultural Centre of Transylvania University of Braşov;
- Dialogues about Education: The way to the best version of ourselves, event organised by the Faculty of Psychology and Educational Sciences;
- Online Academy (3rd edition), event organised by the Faculty of Sociology and Communication, in partnership with the agencies The Pharmacy and Romanian Copywriter;
- Creative advertising campaigns in Romania and Brazil;

- Organisation of cultural and sporting events, coordinated by the Faculty of Sociology and Communication;
- **"PR Bastion"**, event organised by the Faculty of Sociology and Communication;
- Meeting between the alumni and the students of the Faculty of Law;
- **"A spring token of joy"**, organised by the Faculty of Sociology and Communication at the Nikodemus House Residential Centre for the Elderly, Sânpetru;
- Amazon Experience CESUPA Virtual Challenge, organized with students from the Faculty of Economic Sciences and Business Administration and the Faculty of Sociology and Communication;
- Visits to the museums of Braşov - Professional and cultural connections, organised by the Faculty of Furniture Design and Wood Engineering.





INTERNATIONALIZATION

Intensifying the internationalization process is a strategic priority for UNITBV. Achieving this objective, which is integrated in the university's overall development strategy, will promote the university's adaptation to the current international context of higher education. In a constantly changing environment, internationalization will increase the visibility and quality of the educational and scientific research processes by expanding the university's cooperation with relevant institutions both from within and from outside the European Union.

The most important strategic objectives resulting from this are: (i) to develop the institutional capacity and to increase the university's international visibility by international counselling; (ii) to strengthen the university's potential to attract international students by establishing at least one programme taught in foreign languages in each faculty (including in partnership with other universities in the country or abroad), especially for the master's and doctoral study programmes; (iii) to stimulate the participation of the academic staff in international educational, scientific or educational events, as a premise for developing international cooperation, improving the university's visibility and increasing the quality; (iv) to intensify the involvement of specialists from abroad in the university's teaching, research and administrative processes; (v) to increase the university's visibility and the number of international students through the university's funding scholarship / support programmes for the students from less developed countries; (vi) to intensify the collaboration with the Ministry of Foreign Affairs, with Romania's diplomatic missions abroad and with other institutions / organisations from the country and abroad, with a view to developing joint projects of education, research/technical assistance, and promoting the Romanian language, culture and civilisation, as well as attracting international students.

Prof. Dr. Eng. Simona Lache
Vice-Rector for Internationalization and Quality Assurance

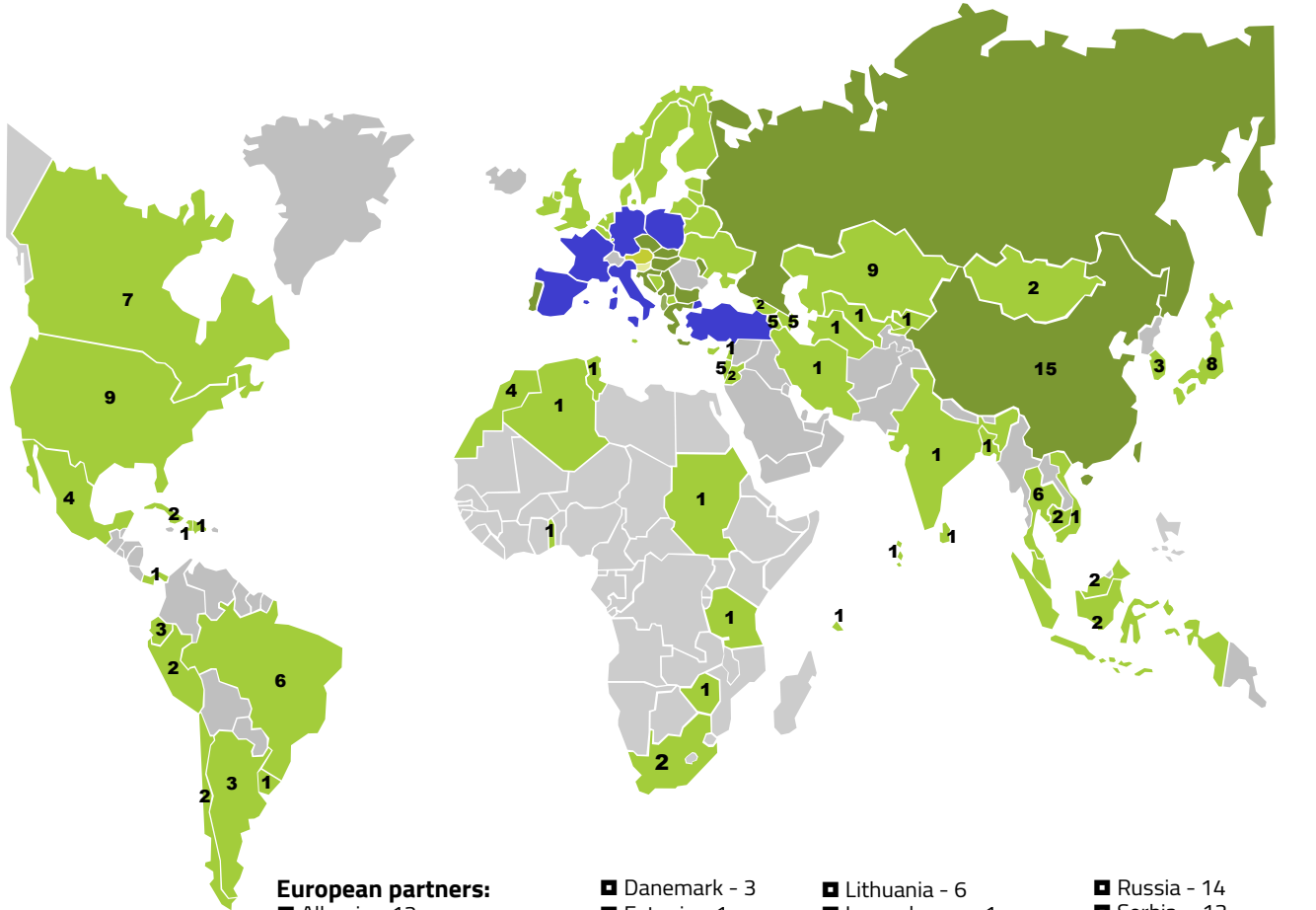
Partner institutions

UNITBV has concluded collaboration agreements (framework agreements, ERASMUS + and CEEPUS) with **645** partner institutions in **84** countries. Of the total of **527** ERASMUS + agreements, **138** are KA107 agreements with universities from **45** countries.

Collaboration agreements per continents and countries:

- **Africa: 13** (South Africa, Algeria, Morocco, Mauritius, Sudan, Tanzania, Togo, Tunisia, Zimbabwe)
- **North America: 22** (Canada, Haiti, Mexico, Dominican Republic, U.S.A.)
- **South America: 20** (Argentina, Brazil, Chile, Cuba, Ecuador, Panama, Peru, Uruguay)
- **Asia: 78** (Armenia, Azerbaijan, Bangladesh, Cambodia, China, South Korea, Georgia, India, Indonesia, Iran, Israel, Japan, Jordan, Kazakhstan, Kyrgyzstan, Lebanon, Malaysia, Maldives, Mongolia, Sri Lanka, Thailand, Turkmenistan, Uzbekistan, Vietnam)
- **Europe: 512** (Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, the Czech Republic, Cyprus, Croatia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Moldova, Montenegro, The Netherlands, North Macedonia, Norway, Poland, Portugal, Russia, Serbia, Slovenia, Slovakia, Spain, Sweden, Turkey, Ukraine, United Kingdom)

International partners



European partners:

- | | | | |
|------------------------------|----------------|-----------------------|----------------------|
| ■ Albania - 12 | ■ Denmark - 3 | ■ Lithuania - 6 | ■ Russia - 14 |
| ■ Austria - 15 | ■ Estonia - 1 | ■ Luxembourg - 1 | ■ Serbia - 13 |
| ■ Belarus - 5 | ■ Finland - 8 | ■ Malta - 1 | ■ Slovakia - 12 |
| ■ Belgium - 8 | ■ France - 41 | ■ Moldova - 12 | ■ Slovenia - 6 |
| ■ Bosnia and Herzegovina - 9 | ■ Germany - 35 | ■ Montenegro - 1 | ■ Spain - 36 |
| ■ Bulgaria - 13 | ■ Greece - 18 | ■ The Netherlands - 5 | ■ Sweden - 1 |
| ■ Czech Republic - 16 | ■ Hungary - 15 | ■ North Macedonia - 7 | ■ Turkey - 62 |
| ■ Croatia - 12 | ■ Ireland - 3 | ■ Norway - 3 | ■ Ukraine - 9 |
| ■ Cyprus - 2 | ■ Italy - 38 | ■ Poland - 38 | ■ United Kingdom - 8 |
| | ■ Latvia - 2 | ■ Portugal - 21 | |

International students

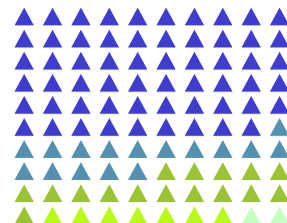
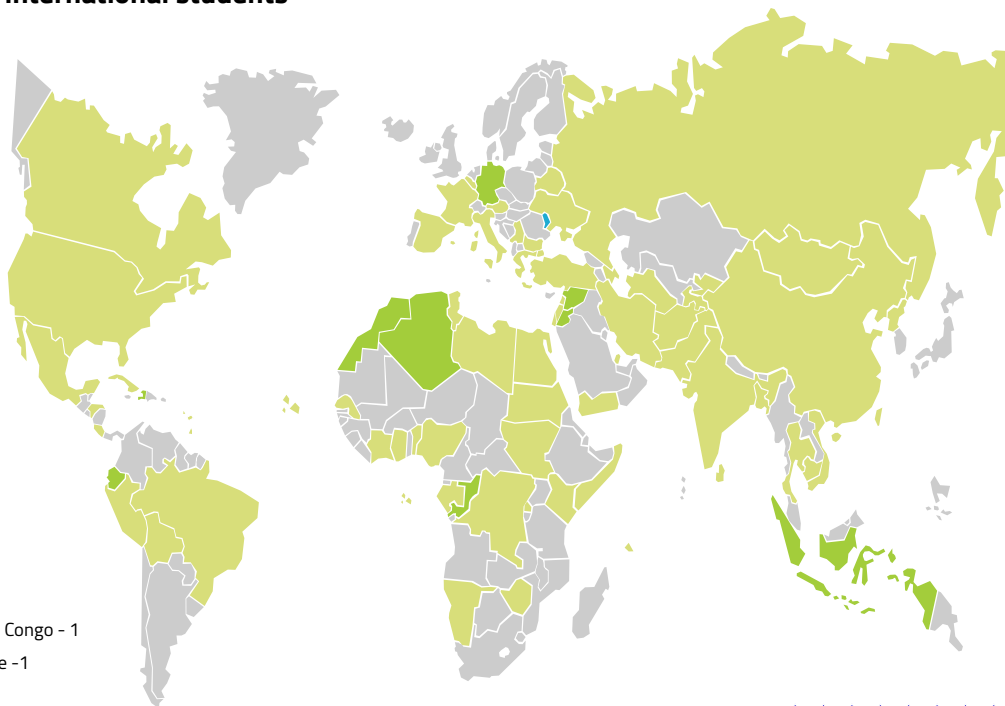
■ **407** full-time students from 76 countries in Africa, America, Asia and Europe

■ **93** students in Erasmus+ mobilities

■ **5** students in bilateral agreement-based mobilities

Origin of full-time international students

- Afghanistan - 1
- Albania - 7
- Algeria - 7
- Austria - 2
- Azerbaijan - 1
- Bangladesh - 4
- Belarus - 3
- Belgium - 1
- Benin - 1
- Bolivia - 1
- Brazil - 5
- Bulgaria - 1
- Cambodia - 1
- Canada - 1
- Cape Verde - 2
- China - 2
- Costa Rica - 1
- Republic of the Congo - 7
- Democratic Republic of the Congo - 1
- Republic of the Cote d'Ivoire - 1
- Cuba - 1
- Ecuador - 7
- Egypt - 4
- France - 3
- Gabon - 1
- Germany - 9
- Ghana - 4
- Greece - 1
- Haiti - 7
- Honduras - 1
- India - 1
- Indonesia - 8
- Iran - 3
- Israel - 1
- Jordan - 14
- Italy - 3
- Kyrgyzstan - 1
- Kenya - 4
- Korea, Democratic People's Republic - 5
- Lebanon - 2
- Libya - 5
- Mauritius - 1
- Mexico - 2
- Moldova - 172
- Mongolia - 1
- Morocco - 9
- Nigeria - 4
- Namibia - 1
- Pakistan - 1
- Palestine - 4
- Peru - 4
- Qatar - 1
- Russia - 3
- Rwanda - 2
- Saint Lucia - 1
- Sao Tome and Principe - 4
- Senegal - 1
- Serbia - 3
- Syria - 16
- Somalia - 1
- Spain - 1
- St. Kittes & Nevis - 2
- St. Vicente & the Grenadines - 2
- Sri Lanka - 2
- South Sudan - 1
- Sudan - 4
- Tajikistan - 1
- Thailand - 1
- Tunisia - 3
- Turkey - 5
- Turkmenistan - 1
- Ukraine - 5
- U.S.A. - 4
- Vietnam - 1
- Yemen - 2
- Zimbabwe - 6



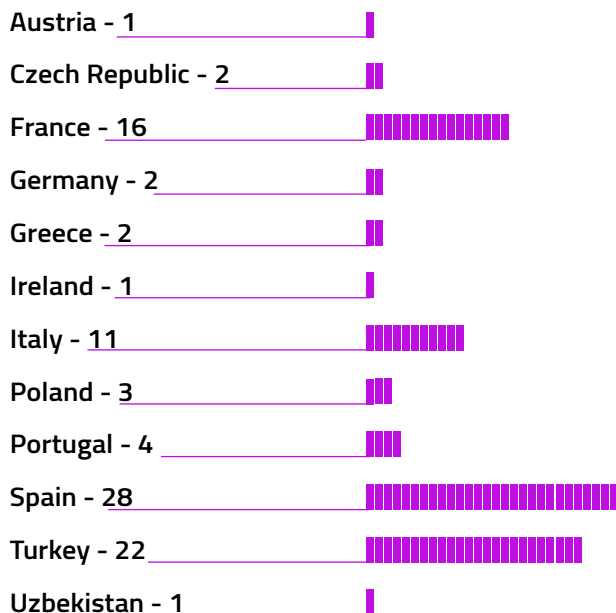
▲ Bachelor's degree - 242
 ▲ Preparatory year - 66
 ▲ Master's degree - 65
 ▲ Doctorate - 27
 ▲ Medical residency - 7

International students' mobilities at UNITBV

Erasmus+ mobilities at UNITBV

■ 89 students in study mobility exchange

■ 4 students in internship mobility exchange

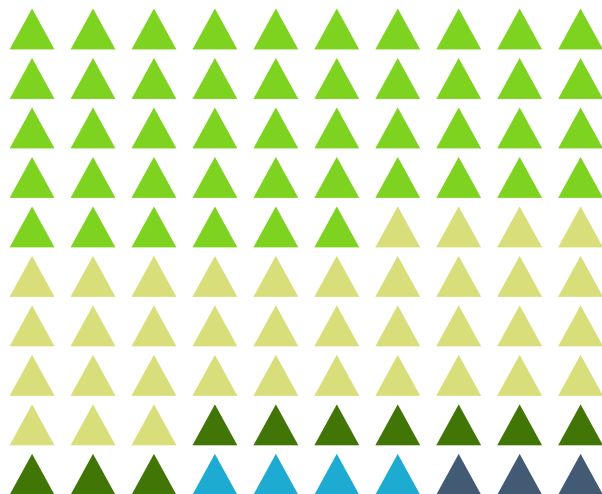







Bilateral agreement-based mobilities

■ 5 students from Xi'an International Studies University, China

UNITBV students in international mobilities

171 international mobilities (122 students)



-  79 Erasmus+
-  63 UNITBV own funds
-  17 University Scientific Research funds
-  7 Research projects
-  5 Scholarships for supporting temporary external mobilities

▣ 62 participants in international artistic activities

▣ 47 study mobilities

▣ 32 practice mobilities

▣ 17 participants in international student competitions and contests

▣ 5 study internships

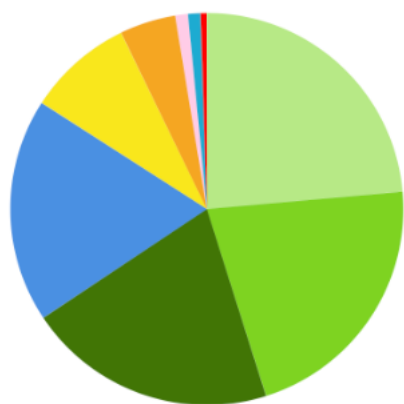
▣ 2 participants in specializations /summer schools

▣ 2 documentations / research mobilities

▣ 4 mobilities within various projects

Academic staff of Transilvania University of Braşov in international mobilities

195 missions (127 teaching staff and researchers)



■ 46 - internships for documentation / research / training / study visits and experience exchanges

■ 42 - activities in international research projects / contracts

■ 40 - Erasmus+ teaching and professional training activities

■ 36 - international scientific events (conferences, congresses)

■ 17 - participations in sports competitions / artistic events to promote the university

■ 9 - university promotion activities

■ 2 - participations in external evaluation or doctoral committees

■ 2 - courses / summer school

■ 1 - participation in CEEPUS activities

Foreign academic staff in mobilities at UNITBV

Foreign academic staff that visited UNITBV in 2021 for the following types of activities:

- 15 from 10 countries - symposia, workshops, summer schools
- 31 from 12 countries - study visits, teaching, artistic events, etc.
- 5 from 2 countries - educational or research projects

Academic teaching staff and administrative staff in Erasmus+ teaching and training mobilities at UNITBV

| Country | No. of mobilities | Country | No. of mobilities | Country | No. of mobilities | Country | No. of mobilities |
|------------------------|-------------------|------------|-------------------|----------|-------------------|------------|-------------------|
| South Africa | 1 | Ecuador | 2 | Poland | 2 | Uzbekistan | 5 |
| Albania | 7 | Greece | 1 | Portugal | 1 | Zimbabwe | 2 |
| Armenia | 3 | Jordan | 6 | Russia | 7 | | |
| Azerbaijan | 2 | Iran | 4 | Serbia | 5 | | |
| Bosnia and Herzegovina | 2 | Kazakhstan | 3 | Slovakia | 3 | | |
| Brazil | 2 | Malaysia | 1 | Spain | 1 | | |
| Bulgaria | 8 | Morocco | 3 | Tanzania | 3 | | |
| Canada | 1 | Mauritius | 3 | Thailand | 2 | | |
| Czech Rep. | 2 | Moldova | 8 | Turkey | 2 | | |
| China | 3 | Montenegro | 3 | Hungary | 1 | | |

1 academic teaching staff in a CEEPUS mobility at UNITBV, from Slovakia

Funding of international collaborations

Main international mobilities programmes of UNITBV students and staff

- Erasmus+ programmes: 3,905,733 lei (KA 131)
- International projects conducted by UNITBV: 3,898,288 lei
- CNFIS-FDI-2021-0214 Institutional Development Project: Local internationalization – creating a culture of continuous international interaction at Transilvania University of Braşov: 1,134,268 lei
- Transilvania University Scholarship for academic teaching staff and researchers: 46,342 lei

UNITBV-funded programmes for international mobilities at Transilvania University of Braşov

- "Transilvania Academica Scholarship" (TAS): 64 from 31 countries (1,679,160 lei)
- "Rector's Guests": 12 from 2 countries (17,217 lei)
- "Guests at Transilvania University": 10 from 6 countries (20,234 lei)
- "Keynote speaker": 1 from one country (1,357 lei)
- "Transilvania Fellowship" - for Postdoctoral Researchers/Young Researchers: 3 from 2 countries (40,360 lei)

Beneficiaries of external temporary mobility and destination countries

| Country | Bachelor's and Master's students | Doctoral students | Total students | Amount |
|----------|----------------------------------|-------------------|----------------|--------|
| Bulgaria | 6 | 0 | 6 | 15,600 |

Participants in UNITBV-funded programmes and their countries of origin

| Guests at Transilvania University | Keynote speakers | Rector's Guests | Transilvania Fellowship |
|-----------------------------------|------------------|-----------------|-------------------------|
| Germany 2 | Hungary 1 | Moldova 11 | Iran 2 |
| Portugal 1 | Total 1 | Italy 1 | United Kingdom 1 |
| Romania 3 | | Total 12 | Total 3 |
| Russia 1 | | | |
| Spain 1 | | | |
| Hungary 2 | | | |
| Total 10 | | | |

■ Bachelor's degree

- Automotive Engineering (in English)
- Mechanical Engineering (in English)
- Electrical Engineering and Computers (in English)
- Business Administration (in English)
- American Studies (in English)
- Industrial Design (in English)
- Product Design Engineering (in English)
- Wood Products Engineering and Design (in English)
- Instrumental Music Performance (in English)
- Digital Media (in English)
- Applied Computer Science (in German)

■ Master's degree

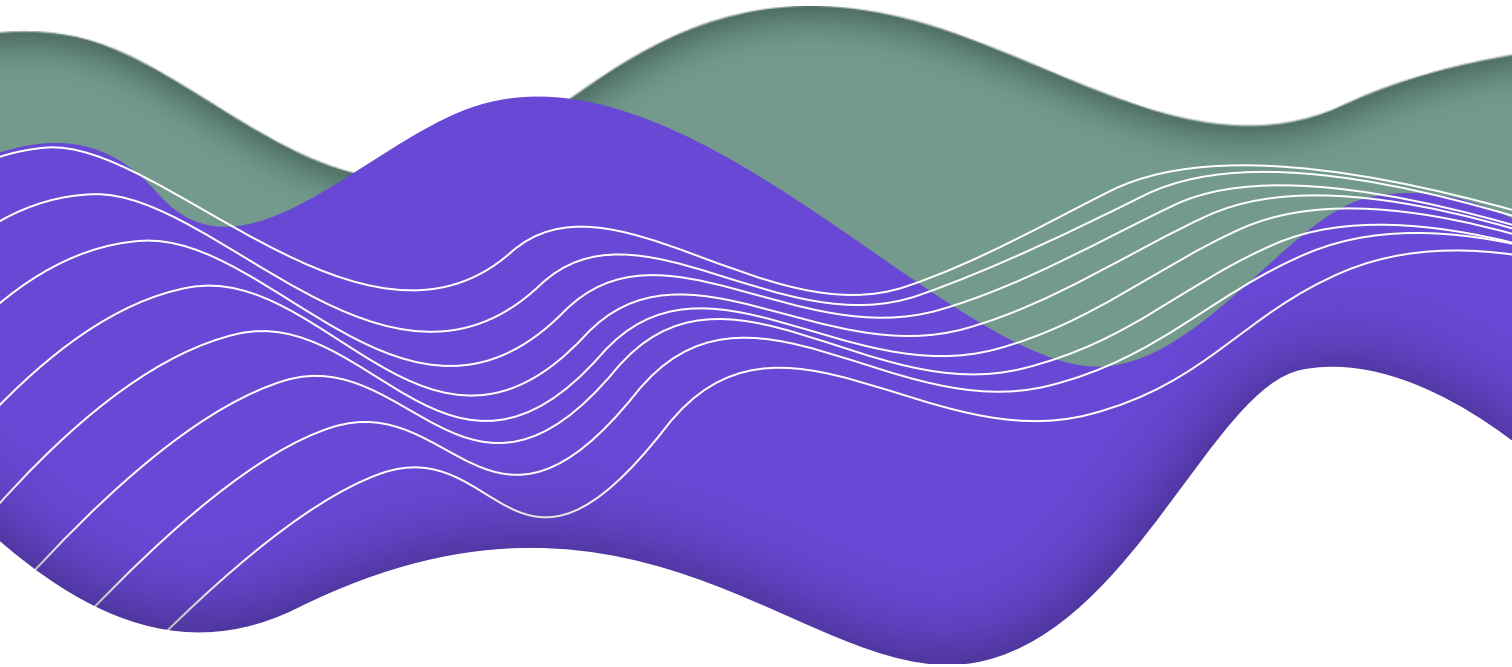
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| <ul style="list-style-type: none"> - Internet Technologies (in English) - Virtual Engineering in Automotive Design (in English) - Advanced Electrical Systems (in English) - Multiple Purpose Forestry (in English) - European Forestry (in English) - joint master (AU, DE, FI, FR, RO, SP) - Practical Integrated Methods for Propulsion Systems Engineering (in English) - Language Studies for Intercultural Communication (in English) - Culture and Discourse in the Anglo-American World (in English) - Full-time study/Part-time study | <ul style="list-style-type: none"> - Cyber Security (in English) - Advanced Manufacturing Processes Engineering (in English) - Industrial Business Management and Entrepreneurship (in English) - Traditional Chinese Medicine (in English) - French Culture and Language Studies (in French) - Intercultural Studies of German Language and Literature (in German) - Mobile Applications and Internet Technologies in E-Business (in German) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

UNITBV affiliations to international university networks

- EUA – European University Association
- UNITA Alliance - Universitas Montium
- AUF – Agence Universitaire de la Francophonie
- EUF – European University Foundation
- SUN – Silkroad Universities Network
- China – CEECs Higher Education Institutions Consortium
- OI-Net – Open Innovation Academic Network
- EUE-Net – European University-Enterprise Network
- DRC – Danube Rectors’ Conference
- IUFRO – International Union of Forest Research Organizations

Traditional partnerships

- Confucius Institute
- French Lectorate
- Fullbright Foundation



FINANCIAL RESOURCES

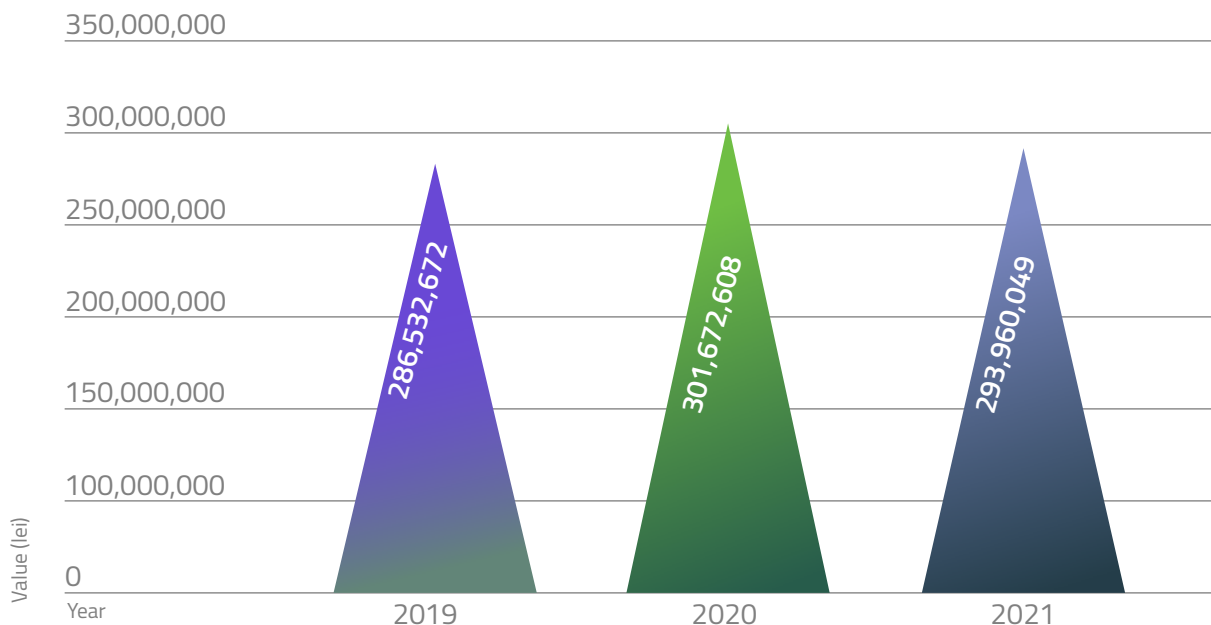
UNITBV's financial resources in 2021 are the expression of an efficient management and the guarantee of having implemented innovative projects which boosted the performance of students and academics.

Ec. Elena Iuliana Banciu
Economic Director

Revenues

The total revenues collected in 2021 amounted to 293,960,049 lei. There is a decline by 2.55% compared to 2020, but an increase by 2.59% when compared to 2019.

Dynamics of the revenues in lei collected by UNITBV between 2019 and 2021:



Revenues in lei collected in 2021 by sources:

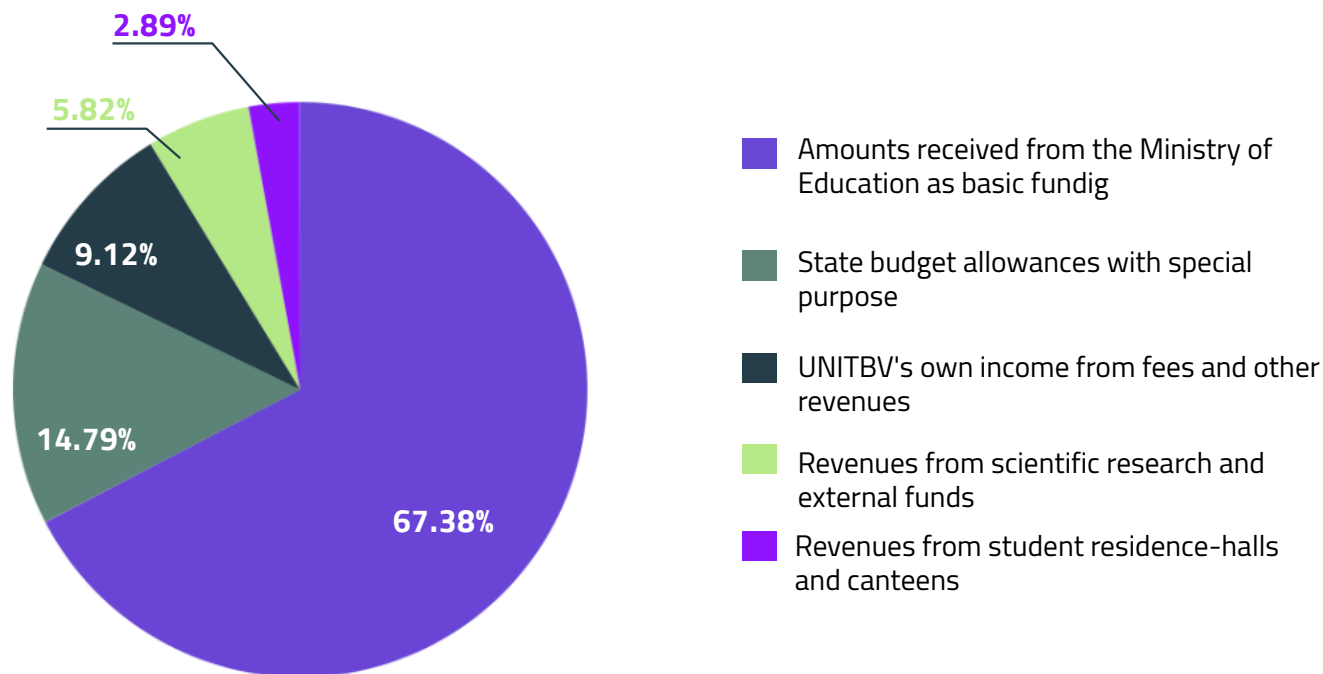
| Indicator | Initially projected revenue | Actual revenue |
|----------------------------------------------------------------|-----------------------------|--------------------|
| TOTAL REVENUE | 266,661,566 | 293,960,049 |
| UNITBV's own income, of which: | 43,016,047 | 52,404,942 |
| Rental revenues | 25,000 | 11,002 |
| Interest revenues | 7,000 | 10 |
| Fees and other revenues in education | 22,411,647 | 26,313,159 |
| Revenues from services | 100,000 | 28,406 |
| Student contribution for residence halls-canteens | 7,401,353 | 8,494,161 |
| Research revenues | 6,800,000 | 8,710,274 |
| Miscellaneous revenues from services and other activities | 350,000 | 280,085 |
| Donations and sponsorships | 50,000 | 137,780 |
| Other incomes from capitalizations of goods | 0 | 32,997 |
| Grants for public institutions - ROSE projects | 45,000 | 307,881 |
| Irredeemable external funds and other post-accesion facilities | 5,826,047 | 8,089,187 |

| | | |
|-----------------------------------------------------|--------------------|--------------------|
| Subsidies for public institutions, of which: | 223,645,519 | 241,555,107 |
| a. Basic funding of which: | 182,236,009 | 198,078,999 |
| - funding for scientific university research | 0 | 3,687,784 |
| b. Special purpose allowances: | 40,871,060 | 43,476,108 |
| - investment objectives | 90,000 | 0 |
| - equipment and other investments | 2,000,000 | 3,300,000 |
| - scholarships and other forms of social support | 30,746,457 | 31,515,854 |
| - student transport | 817,000 | 911,000 |
| - financial aid for the purchase of computers | 0 | 987 |
| - subsidies for residence halls, canteens | 7,072,052 | 7,748,267 |
| Not included in total, sponsorship ct. 5007 | 52,950 | 0 |

Share of each income source in the total revenue, in relative values, between 2019-2021:

| Source of income | % | | |
|----------------------------------------------------------------|-------|-------|-------|
| | 2019 | 2020 | 2021 |
| Total revenues, of which: | 100 | 100 | 100 |
| - amounts of money received from the Ministry as basic funding | 68.16 | 69.90 | 67.38 |
| - state budget allocations with special purpose | 14.53 | 13.87 | 14.79 |
| - UNITBV's own income from fees and other revenues | 7.98 | 8.42 | 9.12 |
| - revenues from student residence-halls and canteens | 3.68 | 1.68 | 2.89 |
| - revenues from scientific research and external funds | 5.65 | 6.13 | 5.82 |

Structure of the 2021 revenues by sources of income



The university's degree of self-funding in 2021 on account of its own income from tuition fees, administrative fees, donations and sponsorships, rents, scientific research, projects, consulting and expertise, self-funded activities, student residence-halls and canteens, and from irredeemable funds was **17.83%**, the difference of **82.17%** stems from the Ministry of Education as basic funding and from the allowances from the state budget with special purpose.

Expenditure

The total expenditures of Transilvania University of Braşov amounted to 278,222,807 lei, by 15,737,242 lei less than the revenues actually collected.

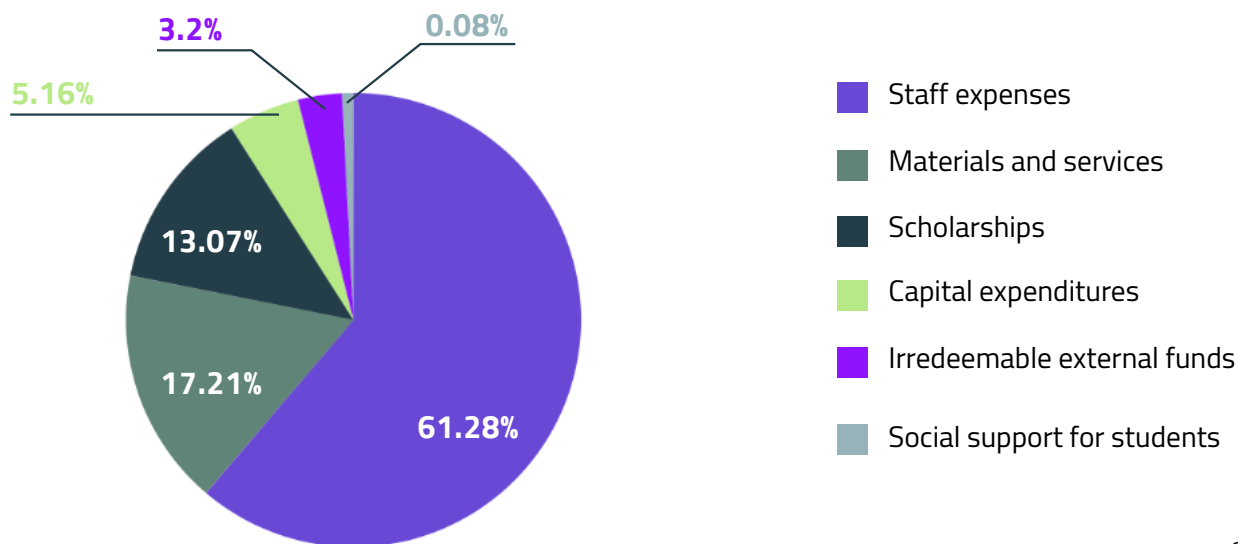
Expenditures in lei made in 2021

| Indicator | Initially projected expenditure | Actual expenditure |
|--------------------------------------------------------|---------------------------------|--------------------|
| EXPENDITURE - TOTAL (LEI) | 271,661,566 | 278,222,807 |
| Staff costs | 173,509,399 | 170,793,985 |
| Goods and services | 37,927,112 | 47,956,541 |
| Projects with irredeemable external funding | 5,826,047 | 8,926,214 |
| Social support for students | 1,067,000 | 222,591 |
| Other expenditure, of which: | 33,742,008 | 36,421,804 |
| - Scholarships awarded to students | 32,392,008 | 35,407,966 |
| - Compensation, amounts granted to disabled people | 1,300,000 | 1,012,650 |
| - Allowances granted to parents | 50,000 | 1,188 |
| Capital expenditures | 19,590,000 | 14,378,737 |
| Payments made in previous years and recouped this year | 0 | -477,065 |

The evolution of the total expenses in 2021 was inferior to the evolution of the total collected revenues, which positively influenced the budgetary result in an ascending direction.

| Nature of expenditure | % | | |
|-------------------------------|-------|-------|-------|
| | 2019 | 2020 | 2021 |
| Total expenses, of which: | 100 | 100 | 100 |
| - Staff | 66.66 | 66.82 | 61.28 |
| - Materials and services | 1.84 | 14.45 | 17.21 |
| - Social support for students | 0.34 | 0.08 | 0.08 |
| - Scholarships | 11.76 | 12.25 | 13.07 |
| - Capital expenditures | 4.40 | 4.21 | 5.16 |
| - Irredeemable external funds | 4.00 | 2.19 | 3.20 |

Structure of expenditures made in 2021 by categories



Budget outturn

In accordance with the stipulations of Article 59 item (1) of the Public Finance Law No. 500/2002, the result of the budget execution is established by the difference between the revenues and the expenditures. In this context, on 31.12.2021, Transilvania University of Braşov had a budget surplus available in the accounts opened at the Treasury of Braşov and the commercial banks, as follows:

- available in the Treasury of Braşov = 146,574,951 lei, of which:
 - surplus related to the budget execution = 146,003,468 lei
 - surplus related to the Norwegian SEE mechanism = 43,855 lei
 - available in special accounts = 527,628 lei

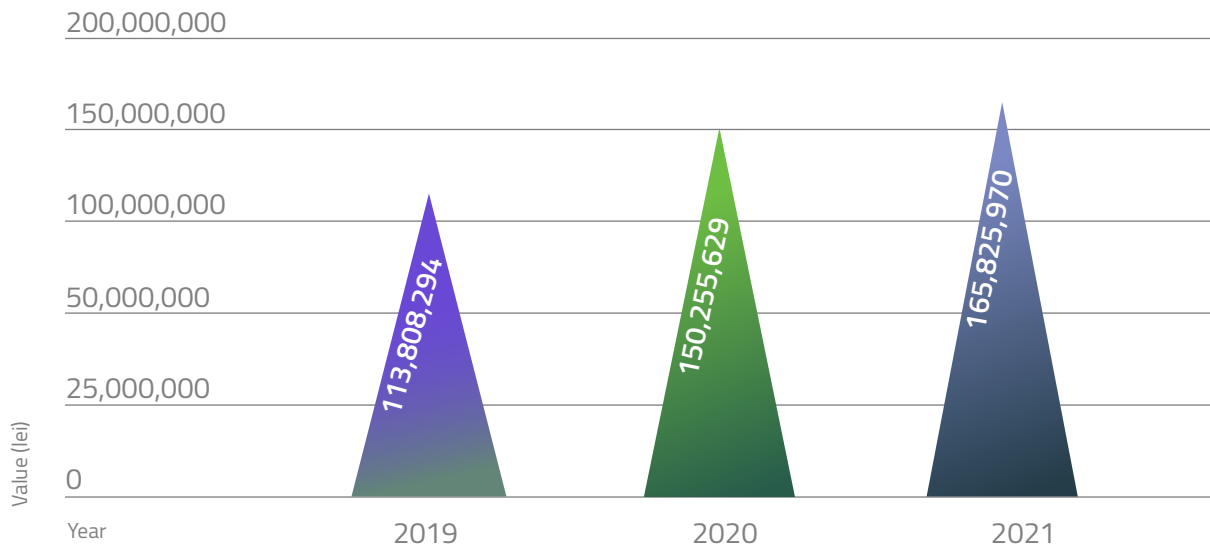
- liquidity in comercial banks = 19,860,931 lei, of which:
 - liquidity in the currency account = 7,559,396 lei
 - liquidity from international projects = 12,219,251 lei
 - liquidity in special accounts = 82,284 lei

The liquidity in the special accounts consists of performance guarantees, auction participation guarantees, management guarantees, letters of bank guarantee, depositors of salaries, depositors of scholarships and sponsorships from previous years.

Value and percentage dynamics of the budget surplus between 2019 and 2021

| Indicator | 2019 | 2020 | 2021 |
|-----------------------------------------------------------------------|-------------|-------------|-------------|
| Budget surplus (liquidity in the treasury and commercial banks) - lei | 113,808,294 | 150,255,629 | 165,825,970 |
| Growth index (2017:100%) | 100 | 132.03 | 145.71 |

Dynamics of the budget surplus between 2019 and 2021



The analysis revealed that 88.07% of the surplus is generated by the basic activity operated through the accounts of the State Treasury, and 11.93% by the activity operated through the commercial banks.

TABLE OF CONTENTS

| | |
|-----------------------------------------|----|
| ■ Foreword | 3 |
| ■ Academic activity | 5 |
| ■ Research | 29 |
| ■ Students & socio-economic environment | 43 |
| ■ Cultural events | 53 |
| ■ Internationalization | 65 |
| ■ Financial resources | 77 |

