



Boost your success with UTM!

The development of the knowledge and innovation-based economy of any country is indispensably related to the engineer's activity, which is the main creative force of a modern and competitive society. Being the only technical higher education institution in the country, Technical University of Moldova, since its foundation in 1964, has trained more than 80000 engineers, who became key players in all fields of the national economy and all over the world.

Today, Technical University of Moldova ensures effective knowledge transfer to such areas as: ICT, Mechanical and Civil Engineering, Power Engineering and Environment, Food Technology, Architecture, Design, Business Innovation, Law, Agricultural Sciences and Veterinary Medicine.

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A WARM WELCOME!

Dear friend,

I'm really glad to greet you on behalf of the entire community of UTM. Now, before you decide what career to pursue, the choice of the university may seem a difficult challenge. Still, the studies you are going to perform are the ones that could open you the doors to new experience and successful achievements. We know that choosing a career can be hard, so to help you with that, we created this guide containing useful information and advice to discover us better and make the right choice.

You certainly know that engineers are the most sought after professionals in the labour market and by choosing UTM, you motivate us to continuously develop and invest in our students. We constantly create dynamic, friendly and accessible study facilities. We develop new teaching and learning methods to help you acquire knowledge efficiently

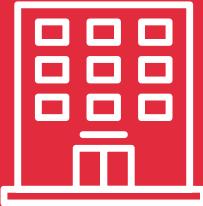
and learn productively. You will learn from the best professionals and benefit from practical work, modern laboratories and learning spaces endowed with innovative equipment.

We encourage students to be active and curious in order to profit from all the opportunities we offer. Regardless of the faculty you choose, be sure that you'll have a lot of opportunities to follow your passion and to develop lifelong skills. We focus on improving student learning outcomes, creating a collaborative environment and cultivating a growth mindset for long-term success.

We are looking forward to you becoming part of UTM community!

Viorel BOSTAN,
Professor, Habilitated Doctor,
Rector of the Technical University of Moldova

GET INSPIRED BY UTM

 **11** faculties

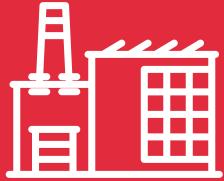
 **493** laboratories
 **95** design classes
 **6** research centres

 **Nr 1**
 among universities in the country
 (The World University Ranking
 – Impact Ranking 2022)

 **Nr 1**
 among universities in the country
 and Romania („Round University
 Ranking (RUR) World University
 Rankings”)

 **+11500**
 Students

 **+973**
 Academic staff

 **85%**
 of graduates are
 employed within 3
 months of graduation

- Cooperation agreements with over 75 universities in the EU, USA and Canada
 - Mobility programmes, summer schools and internships abroad
 - The first nano-satellite in the country built by UTM and launched into Earth orbit
- UTM hosts:**
- the first centre of excellence in ICT - **TEKWILL**
 - the first wine making state of the art production and research laboratory
 - Fashion Innovation Hub - **ZIPHouse**
 - the ultramodern platform of digital manufacturing, industrial design and engineering - **FabLab**

THE EXPERIENCE OF OUR STUDENTS



Adriana Sanduta
Faculty of Computers,
Informatics and Microelectronics

Applying to foreign universities, as I was sure I was going to study abroad, I suddenly found out that the speciality I was looking for is taught at UTM.

I made the right decision to study in my home country as to my surprise, even in the first year the courses were the same as at Harvard University, which ranks our university in the top both in Moldova and abroad. Our faculty is very proud of the community we managed to create and of the results obtained by our engineers. Being a student here means having many possibilities to be part of UTM organizations and one of them is League of female students in engineering, which supports girls/women to follow their vocation in engineering due to various trainings, webinars, student trips, workshops and many more.

I strongly encourage everyone to join us and take the challenge to reach new heights together. Remember that "Engineers create the Future!"



Anastasia Bobeico
Faculty of Economic
Engineering and Business

During my three years of university studies, I was surrounded by multiple opportunities for personal and professional development. Here you have the chance to get involved in various national and international projects, you can benefit from mobility programs, meetings with prominent business people, invited teachers, interesting summer schools, job offers during your studies. I participated in many scientific events and various extracurricular activities and of course I also benefit from a scholarship that motivates me to follow my dream. Among UTM strengths I can mention advanced digital skills, academic courses in English, leading entrepreneurial and marketing skills etc. - everything you need to build a successful career!



Marcel Zacutelu
Faculty of Food
Technology

Three years ago I decided to join the UTM family, the Faculty of Food Technology, study programme in French. My friends, Technical University of Moldova trains specialists and guides young people to become successful in life, offers a multitude of possibilities through various trainings, conferences, exchanges of experience and international internships. With the help of UTM you have the opportunity to meet new friends, valuable acquaintances and further business partners. After 3 years of studying at UTM, I can really say that I made the right choice and I strongly recommend this university to all students eager to benefit from quality studies.



Ivanceva Olga
Faculty of Constructions,
Geodesy and Cadastre

When it came to choosing a profession i.e. a university, I knew for sure that I will be the student at the Technical University of Moldova. And today, after four years of study, I can confidently say that I have never regretted about my choice. Here I gained valuable knowledge and started my journey as an engineer. I had the opportunity to learn from the best professionals in their field, who filled me with a passionate love to follow the career of a surveying engineer. Based on my own experience, I can strongly confirm that Technical University of Moldova offers opportunities for everyone to find the true calling in life.

OPPORTUNITIES!

Enjoy student life!

UTM cares for every student offering rich and authentic experience in a friendly, engaged and dynamic learning environment. Our students can engage in a wide range of extra-curricular activities such as sport clubs, student associations, volunteering, part-time work etc., in order to meet new people, develop your skills, bringing your ideas to life and creating innovative projects.

You will enlarge your horizons by enhancing independent learning, boosting your curiosity and achieving big goals, because we ensured a healthy balance between studying and social life.

BEST – Board of European Students of Technology

The organization activates in 96 technical universities from 33 European countries. As a member of BEST, you will learn to work at an international level, discover the diversity of the European culture and meet new people. You will take part in various career events, national and international courses, engineering competitions and festivals.

Student Union Organization

Over 90% of our students are members of the organization. This is a community of young and dynamic people willing to get involved in cultural, sport and creativity events. We implement together ideas and daring projects, such as the online radio „Studentus” and the information portal www.studentus.md. Join our team to develop new abilities and make changes for the better.

International Students League (ISL)

This student society was established within UTM in 2022 with the purpose to facilitate the integration of international students into university activities, to continuously follow up their issues and problems, monitor and provide solutions and promote the image of the university on an international scale. It also aims to involve international students more actively in various extracurricular activities.

League of female students in engineering

This is a community of engineering female students and graduates whose mission is to stimulate and encourage women to reach their full potential as future engineers and leaders. The league organizes various trips, programs, seminars, training sessions and workshops that encourage women to pursue their engineering careers. It also provides professional support and organizes various networking activities. As part of the team, each member can develop better communication and leadership skills by establishing partnerships, organizing events, inviting trainers and simply making true friends.

Filière Francophone Informatique

Being established in 2021, this student organization brings together students and graduates of this study programme that share both the French language and IT passion. It is focused on stimulating university-high school-enterprise cooperation through a wide range of such activities as: organizing workshops on teaching and practical implementation of IT topics, developing projects in collaboration with NGOs, cooperation and development agencies, stimulating the francophone community both within the Faculty of Computers, Informatics and Microelectronics and in the country.



ZIPHouse – Fashion Innovation Hub

An innovational center specialized in design and technology in textile industry, offering students, young designers and specialists in the field modern technical resources for their study. ZIPHouse was designed in an eco-industrial style and equipped with media, IT and specialized production equipment.

Tekwill – Center of Excellence in Information Technologies and Communications

Opened in March 2017, Tekwill is a coworking space rich in state-of-the-art equipment, practical projects, entrepreneurial activities, mentoring and access to the international IT services and products market.



FABLAB - Chisinau

FabLab Chisinau is the largest prototype and small-scale production workshop space in the Republic of Moldova equipped with computer-controlled devices and machines. It is the best open innovation space for designers, engineers, architects, electricians, entrepreneurs and students who want to develop transformational projects for the community.



Career Guidance and Counseling Centre

Its mission is to help students to plan a successful career. Our experts will provide you with the best support in order to get a job.

- internship opportunities offered by enterprises
- available job offers and employment conditions
- expert CV and cover letter advice

We have an impressive database including over 10 thousand businesses in the country.

www.ccoc.utm.md

UTM Park – outdoor museum of art and technology

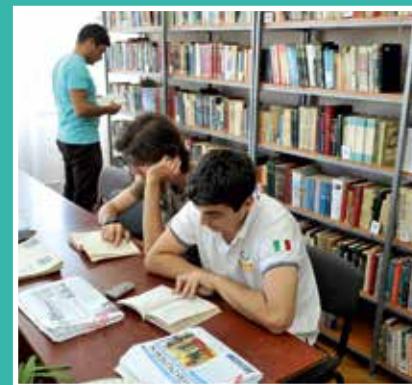
UTM Park makes you become a time traveler due to various sculptures, installations, machines and engineering structures created by inventors - graduates and current students of UTM. You will have a great time with your friends and colleagues in this magic environment, where engineering blends harmoniously with art, architecture and landscaping.



University Library

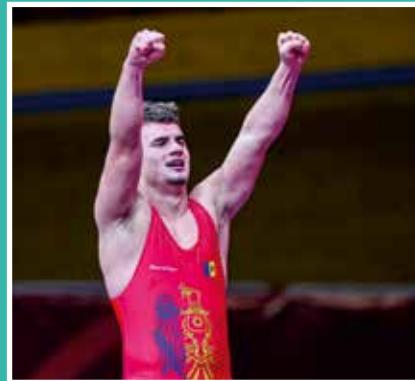
It contains over 1 million 19,000 works in the fields of science and technology that you can use whenever you need it. It is also a very friendly user-centered environment with the focus on research and learning.

www.library.utm.md



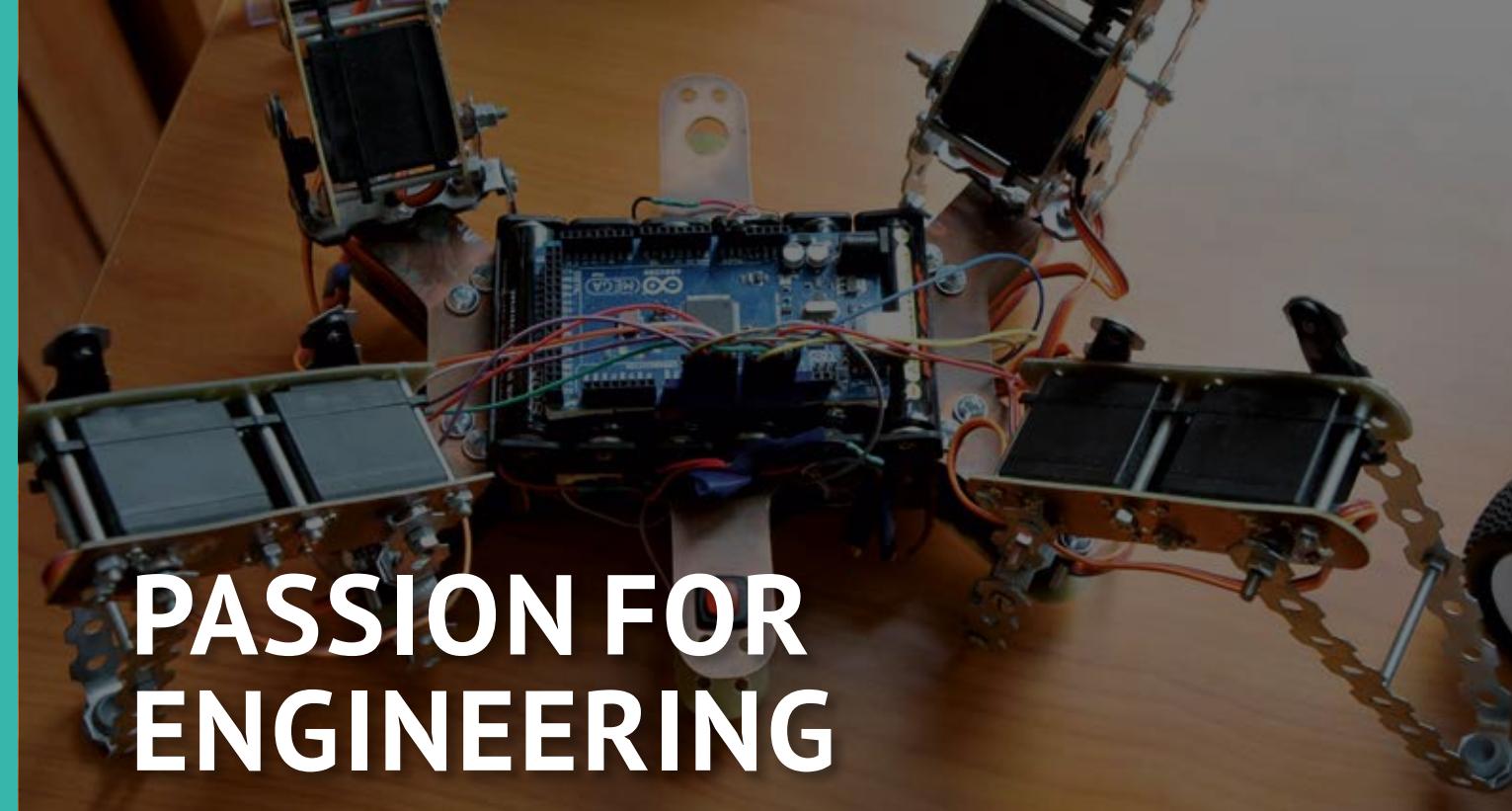


The Erasmus+ programme offers our students the possibility to study or to do an internship abroad. This experience can last from 2 to 12 months. It is a very motivating opportunity to enlarge your horizons, to learn new things and to make friends. You only need to have the courage and enthusiasm, while our friendly team guarantee all the support you need.



Sport

This is an area we are proud of, especially that we are the only higher education institution in the country that participates annually with 6-7 sports teams at national championships. The Youth Sports Complex of UTM has two football pitches, tennis and volley courts, while the Leisure and Sports Centre has a gym, a basketball, a handball and a badminton court, a table tennis playing area, and a mini-football hall.



PASSION FOR ENGINEERING

We help our students to find and maintain enthusiasm all year long inspiring them to transform their ideas into interesting projects, to work towards achieving their objectives and to gain knowledge for the future career. Each faculty offers high-quality studies and a modern learning environment. Focus on taking time to carefully think about your options, in order to be confident about the choice you make. All UTM faculties provide excellent learning opportunities and special experience!

FACULTY OF ELECTRONICS AND TELECOMMUNICATIONS

 168, Stefan cel Mare si Sfiant Blvd., academic building nr. 1  +373 22 23 52 36

Electronics and telecommunications are the most dynamic development areas of the national and world economies. FET is the best place to develop your passion for complex electronic equipment, software technologies and robotics. You will discover the role of information technologies, electronics and telecommunications in the development of society, e-governance and electronic commerce. Our performance laboratories and practical activities will guide you to put your ideas into action and to discover innovative solutions in rich environments designed for active learning.

WHAT CAN YOU STUDY HERE?

- Applied information technologies
- Information security in electronic and telecommunications systems
- Specialized information applications
- Mobile communication networks
- Optical communication networks
- Standards and interconnection of communications networks
- Marketing and logistics
- Management in telecommunications
- Business analysis and planning
- Production of electronic systems
- Programming of microcontrollers and microprocessors
- Audio and video digital systems
- Designing robotic systems and automotive electronic systems
- Radio and TV communication networks
- Designing communication networks based on Cisco, Mikrotik and Huawei equipment

STUDY PROGRAMMES

Bachelor's degree level. Duration of studies: full time – 4 years, part-time – 5 years, 240 ECTS

- Engineering and management in telecommunications
- Telecommunications technologies and systems
- Telecommunications networks and software
- Radio communications and television
- Electronic and telecommunications systems security

Master's degree level. Duration of studies: full time – 1,5 years, 90 ECTS

- Information security in communication systems and networks
- Electronic systems and communications
- Maintenance and management of telecommunications network



The faculty's staff and students actively took part in the development of the **first satellite** of the Republic of Moldova.



Some disciplines are taught in **English and French** upon students' request.



20 gold medals were won at international invention salons and exhibitions.



26 laboratories equipped with modern and latest equipment.



Cisco Academy courses in the field of telecommunications and information technology promoting the latest trends in telecommunication technologies and protocols.



Our business partners supported us to set up several laboratories like "Advanced technologies in telecommunications" (Moldtelecom JSC), "Mobile communications" (Moldcell JSC), "Commutation systems" (Iskratel, Slovenia and S&S Solutions & Service, SIEMENS, Germany, Digital television SE "Radiocomunicatii") etc.

FACULTY OF POWER AND ELECTRICAL ENGINEERING

📍 78, 31 August 1989 str., academic building nr. 2 📞 +373 22 23 41 87

An area that grows very fast being indispensable for the growth of any society. The Faculty trains specialists in the field of traditional and renewable energy, electrical engineering and industrial automation. If you choose this faculty, you will contribute to the efficient identification and exploitation of energy resources, to the development of the electro-technical industry and the implementation of new technologies in this field. Here you will acquire the knowledge and skills required on the labour market and you will be engaged in various inspiring activities that open more doors in business and life.

WHAT CAN YOU STUDY HERE?

- Power system design
- Elaboration and maintenance of equipment, electronic and electromechanical converters
- Implementation of electromechanical systems for automation of technological processes
- Metrology, standardization, product compliance, quality management
- Optimization of energy processes in the transport system
- Technologies for the use of renewable energy sources
- Design of thermal energy systems

STUDY PROGRAMMES

Bachelor's degree level. Duration of studies: full time – 4 years, part-time – 5 years, 240 ECTS

- Engineering and management in energetics
- Electrical power engineering
- Thermoenergetics
- Engineering and quality management
- Electromechanics engineering
- Renewable energy systems engineering

Master's degree level. Duration of studies: full time – 1,5 years, 90 ECTS

- Electrical power engineering
- Energy and environment
- Electrical engineering
- Engineering and quality management



33 specialized laboratories



Opportunity to **continue your studies** and take part in **internships** in Romania, France, Sweden



3 research, design and consultancy centers



Some disciplines are taught in **English and French** upon students' request



Students' **creativity center**



Opportunities to develop skills in **programming**

FACULTY OF COMPUTERS, INFORMATICS AND MICROELECTRONICS

📍 9/7, Studentilor str., academic building nr. 3 📞 +373 22 50 99 05

Are you passionate about IT? Do you want a career with many advantages and growth opportunities? Then choose FCIM with confidence. Due to the development of new technologies, specialists in this field are in great demand and wages are among the most competitive in the labor market. We have developed a complex study programme so you can be prepared and productive enough after completing your studies. Apply knowledge in modern laboratories, go to various thematic events and get involved in innovative projects.

WHAT CAN YOU STUDY HERE?

- Design and development of software / hardware products
- Design and use of operating systems. Database
- Design and management of computer networks
- System and network programming. Web technologies
- Design and programming of robotic and mechatronic systems
- Management of medical technologies
- Assurance and execution of diagnostic researches, treatment procedures
- Development / programming of microelectronic systems and nanotechnologies
- Telemedicine and digital communications
- Development / design of IT products and systems
- Information security

STUDY PROGRAMMES

Bachelor's degree level. Duration of studies:
full time – 4 years, part-time – 5 years, 240 ECTS

- Automation and informatics
- Microelectronics and nanotechnologies
- Computers and networking
- Informational management
- Applied informatics (computer science)
- Information technology (in Romanian and French)
- Biomedical engineering
- Information security
- Software engineering (in English)
- Robotics and mechatronics
- Applied electronics

Bachelor's degree level. Duration of studies:
full time – 3 years, part-time – 4 years, 180 ECTS

- Applied informatics (computer science)
- Informational management

Master's degree level. Duration of studies:
full time – 1,5 years, 90 ECTS

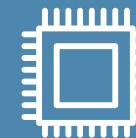
- Microelectronics and nanotechnologies
- Biomedical engineering
- Information technology
- Information security
- Computers and information networks
- Software engineering

Master's degree level. Duration of studies:
full time – 2 years, 120 ECTS

- Management of information applications
- Information technology for business



International Center “Engineering of Microelectronic Systems and Biomedical Devices”



Student Club “Dedicated Electronic Systems”



Laboratories equipped with computers, electronic devices and systems



Our graduates are among the world's leading software engineering innovators



Bachelor's programme in French - *Filière Francophone “Informatique”*



Bachelor's programme in English - *“Software Engineering”*



Public Student Association Filière Francophone “Informatique”



You can study in Romanian, French, English and Russian

“HARD & SOFT” student technical development center



FACULTY OF FOOD TECHNOLOGY

📍 9/9, Studentilor str., academic building nr. 5 📞 +373 22 50 99 60

Are you interested in science, nutrition and food technology and want a career in this area? Then apply to FFT. Whether you choose Wine Technology or Food Technology, you will study the composition and quality of food, create new products and promote them on the agri-food market. Here you also get skills and abilities in business administration. FFT offers dynamic studies, modern laboratories, opportunities to practice internships abroad and develop an exciting career in the food industry.

WHAT CAN YOU STUDY HERE?

- Composition and quality of food
- Food technologies
- Technology of wine and fermented products
- Ecology of food products
- How to start a food business
- Development of national and international food programs

STUDY PROGRAMMES

Bachelor's degree level. Duration of studies: full time – 4 years, part-time – 5 years, 240 ECTS

- Biotechnology
- Food production technology (in Romanian and French) specialized in:
 - Technology of meat and meat products
 - Bakery technology
 - Milk and dairy technology
 - Technology of fruit and vegetable preservation and processing
- Technology of wine and fermented products
- Technology and management of public nourishment

Bachelor's degree level. Duration of studies: full time – 3 years, part-time – 4 years, 180 ECTS

- Personal nutrition services
- Master's degree level. Duration of studies: full time – 1,5 years, 90 ECTS**
- Restaurant and catering management
- Food quality and safety
- Oenology, winemaking and wine tourism

Master's degree level. Duration of studies: full time – 2 years, 120 ECTS

- Oenology, winemaking and wine tourism



Bachelor's programme in French „Technologies alimentaires”



Training and Technology Transfer Center for Food Technology



Center of Excellence in Viticulture and Enology „Oenological research centre”



Research Centre in the field of preserving horticultural products



State of the art wine-making centre of excellence with research laboratories and production facilities



Centre de Réussite Universitaire (CRU, Agence Universitaire de la Francophonie)



Practical training center and continuous training in the field of public catering

FACULTY OF MECHANICAL AND INDUSTRIAL ENGINEERING AND TRANSPORT

📍 9/8, Studentilor str., academic building nr. 6 ☎️ +373 22 50 99 30

It is one of the largest faculties that trains mechanical engineers, machine builders and technologists capable to design robotic machines and technologies, equipment of fine mechanics and classical mechanics using modern computer methods. The faculty traditionally ranks first in scientific research and students have excellent opportunities to align themselves to creative and innovative research. Alternating studies and internships run both at home and abroad. Here you will study in a creative environment with opportunities for growth and modern development. Specialists in the field are highly sought after by employers.

WHAT CAN YOU STUDY HERE?

- Technological and constructive design of manufacturing products and processes
- Design of finished products
- Design of enterprises and equipment in the textile and food industries, automotive / rail transport
- Automotive / rail transport and logistics management
- Traffic organization / road and rail traffic safety
- Construction, maintenance, diagnosis and repair of automobiles / railway vehicles, machinery in the food, textile and artificial cold industry

STUDY PROGRAMMES

Bachelor's degree level, Duration of studies: full time – 4 years, part-time – 5 years, 240 ECTS

- Mechanical engineering technology
- Machines and production systems
- Mechanical engineering
- Refrigerating machinery and equipment, air-conditioning systems
- Product design engineering
- Industrial design
- Vehicle engineering
- Engineering and management in mechanical engineering
- Engineering and management in transports

Master's degree level, Duration of studies: full time – 1,5 years, 90 ECTS

- Product and process engineering in machine building
- Engineering and management in production systems
- Industrial design
- Management and exploitation of transport
- Mechanical engineering
- Road transport safety and greening
- Vocational pedagogy - Engineering and manufacturing



30 teaching and research laboratories



2 laboratories shared with industry companies



11 research and LLL centers



FabLab - a 700 sq.m. space for digital manufacturing, industrial design and engineering



Creativity center in Industrial Design



Student creativity center

FACULTY OF URBAN PLANNING AND ARCHITECTURE

 39, Dacia Blvd., academic building nr. 9  +373 22 77 44 11

The place where technical and artistic creativity is encouraged and developed. If you have an artistic mind, you want to get involved in interesting projects and develop creative solutions in terms of urban planning, then you have come here. Our study programmes in the field of creative art and engineering are in step with technological and economic progress. Here you will create new concepts of technology to modernize villages and cities, turning them into friendly and accessible environments.

WHAT CAN YOU STUDY HERE?

- Design, execution, reconstruction and maintenance of civil engineering
- Elaboration of production technologies
- Organization, production planning and management
- Elaboration of project documentation
- Exploitation and maintenance of engineering systems
- Design, construction, reconstruction and maintenance of infrastructure objects
- Landscape design and landscaping
- Exploitation of machinery and construction equipment

STUDY PROGRAMMES

Bachelor's degree level. Duration of studies: full time – 4 years, part-time – 5 years, 240 ECTS

- Architecture
- Landscape architecture and gardening
- Interior design
- Urban and regional planning
- Water supply, sewerage engineering
- Engineering of heating, gas supply and ventilation for buildings
- Railways, roads, bridges
- Engineering of construction materials

Master's degree level. Duration of studies: full time – 1,5 years, 90 ECTS

- Management of sanitary engineering systems and environmental protection
- Roads, materials and mechanization in construction industry
- Urban and regional planning
- Engineering of indoor microclimate systems
- Interior design

Integrated programme, Bachelor + Master, Duration of studies: full time – 6 years, 360 ECTS

- Architecture



School of Design



The chance to study 6 or 10 months at a university in Europe or the US



International summer schools (Romania, Ukraine, Hungary, Poland, Spain, Norway, China etc.)



14 laboratories



2 modern didactic-scientific workshops equipped with stands, installations, layouts



11 design, layout, drawing and painting rooms

FACULTY OF CONSTRUCTIONS, GEODESY AND CADASTRE

 41, Dacia Blvd., academic building nr. 10  +373 22 77 39 96

The field of civil engineering is one of the oldest areas and branches of development in the world. Constructions are the greatest involvement of mankind in terms of creation, of the desire to make order in this exciting but also chaotic world. Choose to study with us at FCGC and you will get various opportunities to grow and engage successfully. A career in this field means projects on the field, development of plans and maps, application of new technologies for construction-assembly works, development, management and evaluation of constructions and much more.

WHAT CAN YOU STUDY HERE?

- Edifice engineering and construction
- Marketing and real estate management
- 3D modeling of land, objects on the terrestrial surface, based on topographic and photometric measurements
- Modern methods, stages and procedures for the development of digital maps and plans
- Representation on the plan or map of the land surface
- National and international standards for assessing real estate

STUDY PROGRAMMES

Bachelor's degree level, Duration of studies: full time – 4 years, part-time – 5 years, 240 ECTS

- Industrial and civil construction
- Fire engineering and civil protection
- Geodetic engineering and cadastre
- Law
- Engineering and management in construction

Master's degree level, Duration of studies: full time – 1,5 years, 90 ECTS

- Structural engineering
- Geomatics and cadastre
- Fire engineering and civil protection
- Construction project management
- Real estate valuation and administration
- Real estate and cadastral law



Specialized laboratories (in Civil Engineering, geodesy, wood processing, etc.)



Student Technical Creation Center



Research Center in Engineering Geology, Geotechnics and Foundations



Training courses in real estate valuation carried out in cooperation with the National House of Real Estate of the Republic of Moldova



The chance to study abroad either a semester or an academic year through the Erasmus + programme and other academic mobility programmes

FACULTY OF ECONOMIC ENGINEERING AND BUSINESS

 41, Dacia Blvd., academic building nr. 10  +373 22 77 45 22

Do you want to work in a marketing agency, make your contribution to develop the image of companies in the country or manage your own business? Stop thinking. Come to FEEB! Studying here you will gain practical knowledge and experience in direct marketing and branding in sales management, business plans, launching your own business, but also in other areas. We have developed an interactive study programme to help you evolve in your chosen career and your work to contribute to the economic, social, cultural progress of companies, institutions and society.

WHAT CAN YOU STUDY HERE?

- The basics of marketing
- Production logistics
- Direct marketing and merchandising
- Sales and promotion techniques
- International commerce
- Financial accounting
- Analysis of economic activity
- Entrepreneurship (industry/construction)
- Enterprise finance
- Investment management (industry/construction)
- Global economy

STUDY PROGRAMMES

Bachelor's degree level. Duration of studies: full time - 3 years, part-time - 4 years, 180 ECTS

- Accounting
- Business and administration
- Marketing and logistics

Master's degree level. Duration of studies: full time – 2 years, 120 ECTS

- Real Estate Economics
- Business Administration

Master's degree level. Duration of studies: full time – 1,5 years, 90 ECTS

- Business Administration



2 laboratories



Internships in public and private institutions



Specialty library



Monthly seminars: Particularities of Contemporary Marketing and European Economic Integration



Business Center for Entrepreneurial Assistance



Language learning programs

FACULTY OF DESIGN

📍 4, Academician Sergiu Radautanu str., academic building nr. 11 📞 +373 22 32 39 71

It's the best place to rewire your brain and boost your creative thinking in the field of design and manufacture of clothing, decorative arts and polygraphic design. Creative mindset, daring ideas and innovative spirit are fully encouraged and sustained. Our study programme includes the entire value chain from concept and design to the realization. Our students are very lucky to explore the possibilities of new technologies, original techniques and innovative design solutions and to create collections of clothing and footwear.

WHAT CAN YOU STUDY HERE?

- Fashion design and textiles
- Design and production of fashion and clothing collections, footwear and leather goods
- Fine and decorative-applied arts (painting, graphics, artistic print, etc.)
- Design and production of polygraphic products
- Management and economy of garment manufacturing systems
- Polygraphic production management
- Design software (Adobe: Photoshop, Illustrator, InDesign, Premiere Pro, Dreamweaver, Light Roam, Corel Draw, AutoCAD, GEMINI CAD, MINI CAD 3D etc.)
- Using information technologies to design and launch products

STUDY PROGRAMMES

Bachelor's degree level. Duration of studies:
full time – 4 years, part-time – 5 years, 240 ECTS

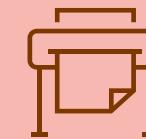
- Industrial fashion design
- Technology and design of textile clothes
- Engineering and management in textile clothes
- Product design engineering
- Industrial design
- Printing design and technology
- Game design*

Master's degree level. Duration of studies:
full time – 1,5 years, 90 ECTS

- Product design and development
- Industrial design
- Printing design and technology
- Fashion and textile design



ZIPHouse -
Fashion Innovation Hub



Digital printing technology lab



5 workshops for artistic training



Workshop spaces for
textile and leather garments



4 fashion design laboratories



80% of graduates are employed in
the field of textile industry



3 computer graphics labs

FACULTY OF AGRICULTURAL, FOREST AND ENVIRONMENTAL SCIENCES

📍 48, Mircești str., MD-2049, Chisinau

☎ +373 22 43 22 05; +373 22 31 23 01

Are you passionate about agriculture or horticulture? Do you want to discover technological advancements in producing and bringing new plant varieties to market? Do you enjoy raising animals and you are in search of gaining such an experience? Are your future career plans related to the production and processing technology of products of animal and plant origin? Is agri-food security and safety among your priorities? Do you enjoy the cultivation practices and production technology of agricultural crops and forest plants? Then come and join us to the Faculty of Agricultural Sciences where every high school, college or university graduate has the opportunity to benefit of quality studies in the most important fields of agricultural sciences, that provide food, feed and non-food products to meet the growing demands of a wide range of world industries and consumers. The dedication, commitment and professionalism of our teaching staff will guide you to succeed in career development providing you with know-how, relevant information and special consultations. After your graduation or even during your studies, you have the opportunity to work both in the country and abroad, contributing to the development of national economy or to start your own business.

WHAT CAN YOU STUDY HERE?

- Agricultural practices of crop production
- Developing business plans in the field of agriculture
- Techniques of seed production and certification
- Basics of environmental protection and use of natural resources
- Theoretical and practical aspects of animal breeding, reproduction and genetics.
- High performance technologies in the processing of products of animal origin.
- Quality control of agri-food products
- Cultivation and production technology of grapes, fruits, vegetables, flowers and forest plants
- Ecology of grapes, fruits, vegetables, flowers and forest plants
- Pest and disease control of grapes, fruits, vegetables, flowers and forest plants
- Postharvest and processing technology of grapes, fruits, vegetables and flowers
- Quality and nutritional composition of foods of plant origins
- Metrology, standardization, product compliance and quality management
- Landscape design
- How to start an agribusiness or a food business

STUDY PROGRAMMES

Bachelor's degree level.

Duration of studies: full time – 4 years, part-time – 5 years, 240 ECTS

- Agronomy
- Crop breeding and genetics
- Livestock
- The safety of food products
- Agricultural biotechnology
- Horticulture
- Viticulture and wine making
- Forestry and public gardening
- Plant protection

Bachelor's degree level.

Duration of studies: full time – 3 years, part-time – 4 years, 180 ECTS

- Ecology

Master's degree level. Duration of studies: full time – 1,5 years, 90 ECTS

- Conservation agriculture
- Advanced technologies in plant engineering
- Plant genetics, breeding and biotechnology
- Livestock management and beekeeping
- Biotechnology in obtaining and processing animal products
- Reproductive animal biotechnology
- Safety of foods of animal origin
- Horticultural sciences
- Assessing the winegrowing ecosystems for the production under denomination of origin
- Integrated protection of agroecosystems
- Forest ecosystem management
- Safety of foods of plant origin
- Integrated plant protection

Master's degree level. Duration of studies: full time – 2 years, 120 ECTS

- Agroecology



Well-equipped professional teaching and research laboratories



Experimental plot used in teaching



Fully equipped lecture auditoriums and conference halls



Didactic animal farm



Strong public-private partnerships for agribusiness development



Oenotheque



End-to-end supply chain consulting for the top enterprises



Learning and internship student mobilities in Romania, Bulgaria, Austria, Germany, Slovakia, Slovenia, Czech Republic, Hungary etc

FACULTY OF VETERINARY MEDICINE

📍 48, Mircești str., MD-2049, Chisinau

☎ +373 22 31 21 99

Are you interested in treating animals, providing medical and surgical services or perhaps you are more than curious about the food safety issues? Whichever you choose, we'll help you to turn your passion for animals into a rewarding profession. The graduates of our faculty become dedicated professionals in various fields such as: animal health, clinical practice, consultation, food safety and veterinary research. They can work at the National Food Safety Agency, at the Republican Center for Veterinary Diagnostics, in sanitary-veterinary laboratories, quality control of foods of animal origin, slaughterhouses, animal food processing enterprises, agricultural markets, sanitary-veterinary border control for live animals and products of animal origin, livestock and poultry farms, veterinary hospitals and clinics, with the possibility of further development in the field of veterinary medicine and scientific research (doctoral and postdoctoral studies).

WHAT CAN YOU STUDY HERE?

- Veterinary and surgical services
- Diagnosis of animal diseases
- Treatment of animals
- Veterinary orthopedics
- Veterinary gynecology and obstetrics
- Veterinary reproductive biotechnology
- Treatment and control of parasitic diseases
- Veterinary border control of products of animal origin
- Food safety
- Hygiene, technology and control of products and by-products of animal origin

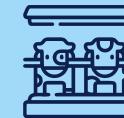
STUDY PROGRAMMES

Integrated studies (Bachelor's and Master's degree level). Duration of studies: full time - 6 years, 360 ECTS

- Health of farm animals;
- Health of companion, sport and exotic animals
- Food safety and public health



Well-equipped professional teaching and research laboratories



Didactic animal farm



Fully equipped lecture auditoriums and conference halls



Learning and internship student mobilities in Romania, Bulgaria, Austria, Germany, Slovakia, Slovenia, France, Czech Republic, Hungary



University's veterinary medical center

DOCTORAL STUDIES

Doctoral degree level. 3rd Cycle. Duration of studies: full time - 3 years, part-time - 4 years, 180 ECTS

ENGINEERING SCIENCES AND TECHNOLOGIES

- Building materials, elements and buildings
- Construction engineering networks
- Architecture of buildings and edifices
- Energy systems and technologies
- Energy conversion technologies and renewable resources (with their specification)
- Electrotechnical devices and equipment
- Electrotechnical technology
- Network management systems, computers and information networks
- Information technology, products and systems
- Information security technology and systems
- Nano-microelectronics and optoelectronics
- Biomedical equipment and devices
- Machine theory, mechatronics
- Tribology
- Processing technologies, procedures and equipment
- Thermal engineering, thermal machines and refrigeration equipment
- Machinery and technical equipment
- Technology of food of plant origin
- Technology of food products of animal origin
- Technology of alcoholic and non-alcoholic beverages
- Food safety
- Processes and equipment in food industry
- Biological and chemical technologies in food industry



NATURAL SCIENCES

- Mathematical modelling, numerical methods and program products
- Statistical physics and kinetics
- Materials physics and technology
- Solid mechanics

SOCIAL AND ECONOMIC SCIENCES

- Economics and management in the field of activity
- Economic theory and economic policies

- Technologies and technical means for agriculture and rural development
- Geodesy and geoinformation technology
- Cadastre, monitoring and land regulation
- Production engineering and management (by branches of industrial production)
- Metrology, standardization and conformity assessment
- Methods and systems of commodities control
- Interior design, environment and landscape art



RESEARCH

MAIN AREAS AND DIRECTIONS:

Healthcare:

- **Non-communicable diseases – epidemiological monitoring, prevention, diagnosis and treatment:** Innovative technologies, materials and devices for medicine and biomedicine.

Sustainable Agriculture, Food Security and Safety:

- **Food security and safety:** Food safety and security.
- **New technologies for processing agricultural raw materials. Agri-food biotechnologies:** Vegetable food technology; Food technology of animal origin; Alcoholic and non-alcoholic beverage technology; Processes and apparatus in the food industry; Biological and chemical technologies in food industry.

Environment and climate change:

- **The impact of biological and non-biological factors on the environment and society:** The anti-seismic security and the construction of the country's buildings in accordance with the real seismic danger.
- **Safe, clean and effective energy:** Intelligent management in the energy system, energy diversity and renewable energy; Reorganization of the energy system from an economic, ecological, technological and social point of view based on the concept of the energy trilemma.
- **Waste, plastics and pollutants:** Valorization of industrial waste.

Social challenges:

- **Social, educational and cultural innovations for integration and adaptation:** Increasing competitiveness in industry and construction in the context of sustainable development; Entrepreneurial

development; Development and consolidation of national heritage in terms of ecological design - bionic and diversity of industrial products; European economic integration - a priority vector for the development of the Republic of Moldova.

- **Tangible and intangible heritage:** Sustainable architecture, urbanism and sustainable urban development; Development and consolidation of national heritage in terms of ecological design - bionic and diversity of industrial products.

Economic competitiveness and innovative technologies:

- **Nanotechnologies:** Nanotechnologies, new multifunctional materials, electronic and photonic devices for various applications; Nanotechnologies, multifunctional materials, advanced technologies and systems for communications, electronics, optoelectronics, photonics, spintronics.
- **Information technology and digital development:** Information and communication technology; Cyber security, information encryption and cryptography.
- **Innovative materials, technologies and products:** Modern models and methods in mathematics and physics with applications in sustainable process engineering, industrial products and technologies; Mechanical power and fine mechanical systems; Tribology of mechanical systems; Applied Electronics; Innovative technologies, materials, systems and products for industry, robotics, agriculture, phytotechny, animal husbandry, environmental and plant protection; Competitive industrial products, sustainable technologies, devices and processes.



43

Scientific events



246

Researchers



Scientific publications

1348



43

Scientific projects performed



Patenting activity

47



177

Awards at International Salons of Inventions



56 070
thousand, MDL
State funding



Web of Science:
Citations - 19319
Scopus:
Citations - 21648



INTERNATIONAL PROGRAMMES

Erasmus +

Erasmus + is the EU program for education, training, youth and sport for the period 2014 - 2020. Education, training, youth and sport can make a major contribution to tackling socio-economic change, the main challenges facing Europe by the end of the decade, and to implementing the European policy agenda for growth, jobs, equity and social inclusion.

CEEPUS

CEEPUS (Central European Exchange Program for University Studies) is a regional academic mobility program that has been running in Central and Eastern Europe since 1993.

AUF

The Francophone University Agency (AUF) is an international association created over 50 years ago. It brings together 845 higher education and research institutions from 111 countries on five continents. AUF is also the operator for higher education and research at the Francophonie Summit. Its mission is to promote a solid francophone university, engaged in the economic, social and cultural development of societies.



Affiliations:

- European University Association (EUA)
- L'Agence Universitaire de la Francophonie (AUF)
- Black Sea Universities Network (BSUN)
 - Danube Rectors' Conference (DRC)
- International Nuclear Security Education Network (INSEN)



INTERNATIONAL STUDENTS

ADMISSION

How to apply:

For our undergraduate or postgraduate study programmes you can apply directly to: international@adm.utm.md

Information regarding the application process can be found at <https://utm.md/admiterea-utm/admiterea-cetateni-straini/>

You will be able to check the conditions of your offer by emailing to us. You will also be sent an offer letter which will state the conditions for application.

What is the application deadline?

For our undergraduate or postgraduate study programmes the period of application is: July 15 – August 30, however we do recommend applying sooner rather than later.

List of required documents:

- 1) Application form;
- 2) Copy of the national passport, with a term of validity of at least one year;
- 3) Copy and legalized translation of your highest qualification such as your degree, attested by the Ministry of Foreign Affairs and the Ministry of Education of the country delivering this act;
- 4) Copies of your English/Romanian/Russian language qualification;
- 5) Written statement of personal responsibility regarding the authenticity of the documents presented.
- 6) Copy of the Academic Value Statement for the study documents, issued by the competent authorities of the citizen's country of origin, containing the confirmation of the authenticity of the study papers including: duration of studies; academic value and professional training; description of grading system.

NB! The list is constantly updated taking into account the amendments to the Regulation on the studies of foreign citizens in the educational institutions of the Republic of Moldova. Click here for more details <https://admitere.utm.md/cetateni-straini/>

What happens next?

As many of our qualifications are professionally based, we review your qualifications in order to determine your suitability.

The decisions are then forwarded to the Admissions Team and your details are updated.

Updates are communicated through email so please ensure these details are correct on your form.

VISA REGULATIONS

If you need an entry visa in the Republic of Moldova, please check the following necessary documents:

- A valid passport,
- An invitation letter supplied by our university,
- A letter from your bank with a statement assuring that you have sufficient financial means to fund your studies in the Republic of Moldova,
- A confirmation of guaranteed accommodation (this will be supplied by our university, provided you have chosen to be accommodated at our dormitories),
- A health insurance contract for complex medical care in case of illness or accident, issued by an accredited Health Insurance Agency in the Republic of Moldova,
- A certificate of absence of criminal records from your country of origin (this document is compulsory and must be translated into Romanian by a translator with an official stamp.

Preparatory year

The preparatory year is for foreign citizens who do not speak the Romanian or Russian language but have selected to follow the study program taught in mentioned language.

LIVING IN MOLDOVA: cost of staying, climate, location.

Cost of staying

Costs of staying in Chisinau, R. Moldova are in the least expensive 10 percent of all 248 Teleport cities. Average living expenses are significantly lower compared to other cities. The currency in Moldova is the Moldovan Leu. The conversion rate to the MDL approximately is 1 dollar to 17.82 MDL.

Climate

Moldova has a temperate climate, with hot summers and winters that can be quite cold. Lows go below 0 in winter and highs in summer hover around 27-30. It's mostly dry, with rainfalls in early summer and in October.

Location

Moldova is located in eastern Europe. It's a land-locked country that's shaped roughly like a semi-circle, with Romania to the west and Ukraine to the north, east and south. Its southeastern point almost touches the Black Sea.

More information you can find at www.evisa.gov.md

BEST PLACES TO VISIT IN MOLDOVA



Soroca Fortress



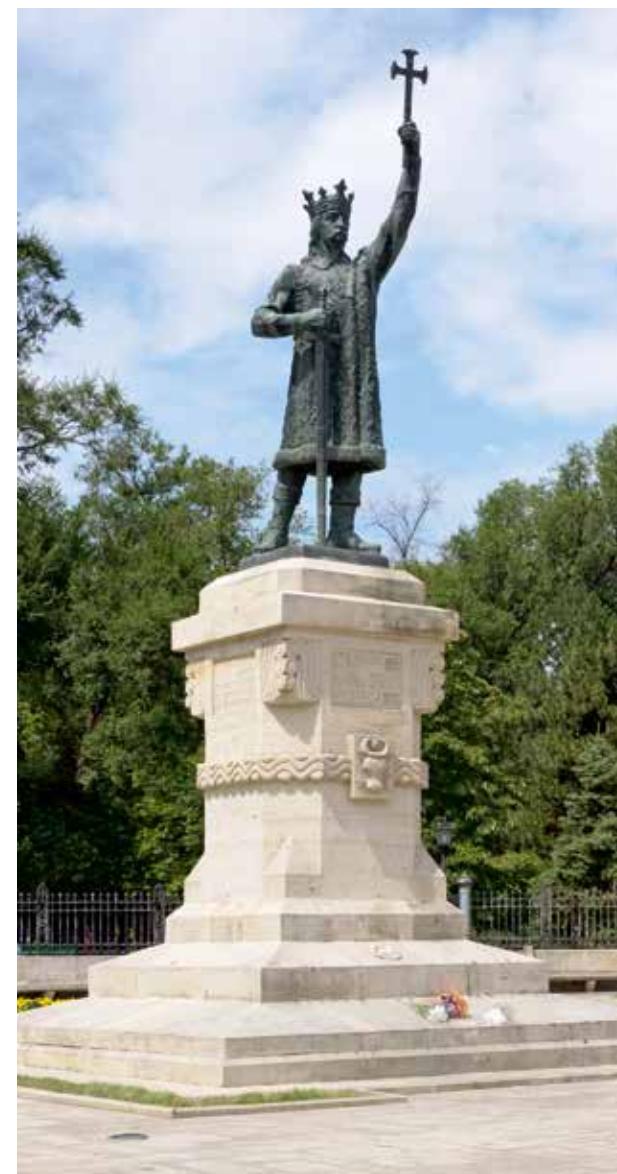
Cricova underground wine cellars



Noul-Neamt Monastery



"Padurea Domneasca" Reservation



Stefan cel Mare Monument



Orheiul Vechi (Old Orhei) Archaeological Complex



Saharna Gorge



National Wine Day



See you soon at UTM!

 /UTMoldova

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Chisinau, Republic of Moldova, MD-2004

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