The Mission of the Technical University of Cluj-Napoca consists in “developing the values in the people, in the processes and products”. At present, when facing major societal changes, our university has to provide high quality education and research, under all aspects. The Technical University of Cluj-Napoca differs from other universities in Romania. It has 12 faculties, of which 3 are in Baia Mare. The 9 faculties in Cluj are mainly oriented to Engineering and Architecture. In Baia Mare, a variety of degrees is offered, ranging from engineering to humanities, from sciences to arts and religious studies. Member of the “club” of the 12 Romanian universities awarded with the degree of “advanced research and education universities”, our institution is permanently interested in improving its status, level and efficiency. However, our main concern will always remain the student. Our university offers programmes within the three Bologna-spirit cycles of education, from Bachelor degree to PhD, as well as pre-university and post-graduate education, both for national and international students. The contribution to the training for a career in Engineering, Architecture, Arts, Humanities or General Sciences and to the development of the spirit of initiative and freedom to create, and to the new forms of postgraduate education, such as on-line education, programmes of study based on occupational standards, lifelong learning at higher parameters, will turn learners into highly skilled human labour adapted to the novel national and European requirements, in today’s and tomorrow’s more and more competitive world.
Cluj-Napoca

Cluj-Napoca is an important urban centre whose fame and prestige increased in time together with its scientific, educational and cultural life. Documented first by Ptolemy in Antiquity as Napoca, Cluj was a prosperous medieval city, with a strong trade and manufacturing activity, where arts were not missing. Today, the beauty of the architecture of the city, its artistic and spiritual life, the old spirit and the modern achievements keep on inviting visitors to walk through it. In 2015, Cluj-Napoca became the European Youth Capital and it stands good chances of winning the competition for the European Capital of Culture in 2021.

Baia Mare

Baia Mare finds its fame and recognition as a medieval city with a prosperous mining industry whose traces can be still seen today. At the end of the 19th century, Baia Mare was the place where the Colony of the Artists was set up. The painters joining the school of art in this city are renowned for the naturalism of the “plein air” paintings and for the influence upon the Romanian and Hungarian art. Today, the city attracts visitors for its own beauty and history and it is a starting point for exploring the authentic Maramures folklore.

Today, Romania can be an important choice for those wishing to study abroad. The Romanian offer covers a wide range of demands, from general education to university degrees. Scientists, medical, cultural, sports and arts related personalities are still legends that draw the attention of the learners to our educational offer. Among the regions of fame and tradition, Transylvania has been known not only through its magic landscape of gentle-sloping hills, rich forests, tall spire wooden churches and fortified towns, but mainly through the places where undisputable personalities of various fields have studied or taught.

The Technical University of Cluj-Napoca is one of the tertiary level institutions in the city and in Transylvania, possessing tradition, national and international recognition. Our University has 12 faculties, in the two academic centres of Cluj-Napoca and Baia Mare, as well as in other four locations: Alba-Iulia, Bistritza, Satu Mare and Zalau. The educational offer, aligned to the Bologna system, includes Bachelor, Master and PhD programmes of study, as well as post and pre-university education and lifelong educational programmes.
Facts and Figures

The Technical University of Cluj-Napoca offers education in all Bologna cycles: Bachelor of Science, Master of Science and PhD. While in the Cluj-Napoca university centre the courses are only in Engineering and Architecture, the North University Centre of Baia Mare enrols students either in Engineering or in Sciences and Humanities.

For all the 3 education cycles, students can choose between state scholarship or tuition fee places. Non-EU international citizens can be enrolled as fee paying students or can obtain a grant from the Romanian Education Ministry, according to the bilateral agreements between Romania and their country.

Total number of students in Cluj-Napoca - 15453

- 4% PhD: 522
- 21.5% M.Sc: 3307
- 74.5% B.Sc: 11524

Total number of students in Baia Mare - 4227

- 12% PhD: 55
- 28.5% M.Sc: 1203
- 70% B.Sc: 2959

Total number of students in The Technical University of Cluj-Napoca - 19680

- 1.5% PhD: 28
- 28.5% M.Sc: 65
- 70% B.Sc: 12925

Total number of staff in Cluj-Napoca - 1603

- 48.8% Academic Staff: 783
- 24.5% Research & Auxiliary Staff: 393
- 26.7% Administrative Staff: 427

Total number of staff in Baia Mare - 281

- 65.4% Academic Staff: 184
- 11.4% Research & Auxiliary Staff: 32
- 23.2% Administrative Staff: 65

Total number of staff in The Technical University of Cluj-Napoca - 1884

- 48.8% Academic Staff: 783
- 24.5% Research & Auxiliary Staff: 393
- 26.7% Administrative Staff: 427

The university staff and management aim at developing their activity according to the European standards in the field, by continuously improving and updating curricula, by implementing the new learning technologies, by using up-to-date methods and by effectively rethinking the whole educational process. Being dynamical in character, as well as in action, the Technical University of Cluj-Napoca has also committed itself to the international spirit of our time. By means of the permanent involvement in European programmes with various international European, regional or local partners, our university stands among those academic institutions that are able to attract the interest of the academic community and to integrate in joint activities.

Cluj-Napoca has also committed itself to the international spirit of our time. By means of the permanent involvement in European programmes with various international European, regional or local partners, our university stands among those academic institutions that are able to attract the interest of the academic community and to integrate in joint activities.
The Faculty of Architecture and Urban Planning trains specialists for architecture, based on a curriculum aiming at the progressive acquisition of professional skills and competences for the practice in architecture, urbanism, restoration and design (furniture and interior design). During the years of study, professional training integrates practical abilities and theoretical education, specific to the field of architecture. The educational programme lasts six years and the Diploma of Architect is officially recognised in the European Union states.

The Faculty of Automation and Computer Science has the mission of training students for the fields of “Computer Science and Information Technology” and “Systems Engineering” at all three levels, Bachelor of Science, Master of Science and PhD. A special emphasis is put on high level research in automated control engineering and computer science.

Study Programme

B.Sc. + M.Sc.
- Architecture (6 years of study, integrated Bachelor and Master degrees)

PhD
- Architecture

TESTIMONIALS FROM STUDENTS

I've always been drawn to technology, and I chose my path long ago, back in middle school. Even though I got to experience my hometown's university life, I decided I wanted a little bit more and moved here, to the nascent yet fast growing Technology Park of Romania. Half a year later, I cannot say I regret it. The city is a sight to behold, people are nice, and the best of all, the university is really good. I look forward to what's in store for me in the next years. As I see it, it's only going to get better!

TATIANA IALAU
Republic of Moldova

ANDREI EREMIA
Republic of Moldova

Study Programme

B.Sc.
- Computer Science (in Romanian and English)
- Information Technology
- Automation and Applied Informatics (in Romanian and English, in Cluj-Napoca)
- Automation and Applied Informatics (in Satu Mare)

M.Sc.
- Communication Networks and Distributed Systems
- Artificial Intelligence and Vision
- Software Engineering
- Computer Engineering
- Information Technology Applied in Economy
- Complementary Master in Computer Science
- Advanced Process Control
- Applied Informatics in Complex System Engineering (professional M.Sc.)
- Advanced Control of Manufacturing Processes
- Applied Informatics (professional M.Sc.)
- Information and Computing System Security

PhD
- Computer Science and Information Technology
- Systems Engineering
The Faculty of Civil Engineering is one of the first faculties in the university. The Faculty of Civil Engineering trains students to become specialists in the design, building, maintenance, rehabilitation and refurbishing of constructions and infrastructure (railways, roads and bridges), as well as in the field of economical engineering, civil engineering management and geodesy.

**Study Programme**

- **B.Sc.**
  - Civil, Industrial and Agricultural Buildings (in Romanian and English, in Cluj-Napoca)
  - Civil, Industrial and Agricultural Buildings (in Bâa Marea)
  - Railways, Roads and Bridges
  - Hydrotechnic Facilities and Buildings
  - Urban Engineering and Regional Development
  - Economical Engineering in Civil Engineering
  - Land Measurements and Cadastre

- **M.Sc.**
  - Structural Engineering
  - Pathology and Rehabilitation of Buildings
  - Transportation Infrastructure Engineering
  - Sustainable Concrete Constructions
  - Geotechnics Engineering
  - Special Technologies Engineering
  - Project Management and Real Estate Evaluation
  - Eco-Infrastructures for Transportation and Art Works

- **PhD**
  - Civil Engineering

LILIANA LUNCARI
Republic of Moldova

**TESTIMONIALS FROM STUDENTS**

It was a dream of mine to get accepted at the Technical University of Cluj-Napoca and this past September my dream became reality. My first year at the university started very well, new friends and great impressions. The city of Cluj-Napoca is beautiful with an amazing architecture, many places to visit and enough places to go for a walk.

The university life is quite difficult, but at the same time one of the most wonderful periods of anyone's life.

The Technical University is a unique experience for me and until now I very much like it. At the very beginning it was hard to make a decision on what I am going to study, but analyzing the labour market I chose the Civil Engineering Faculty. The professors are very nice and understanding, opened to help and explain all the misunderstandings. The buildings and classes are well equipped and fully updated. Therefore, I’d like to say that I really enjoy and love my university life and hope to be the same in the following years, too.

The Faculty of Machine Building is oriented to mechanical engineering and aims at generating and supplying knowledge in industrial engineering and management. Its study programmes for Bachelor of Science level cover coherently and exhaustively the needs of general competence in the fields of product, equipment and industrial robots design and development engineering, as well as manufacturing engineering.

**Study Programme**

- **B.Sc.**
  - Manufacturing Engineering in Cluj-Napoca (Romanian, English, German)
  - Manufacturing Engineering (Romanian, in Alba Iulia, Satu Mare, Zalău)
  - Industrial Design in Cluj-Napoca (Romanian)
  - Robotics in Cluj-Napoca (Romanian, English)
  - Robotics in Bistrița (Romanian)
  - Machine and Manufacturing Systems (Romanian, in Cluj-Napoca and Bistrița)
  - Economical Engineering in Industry (Romanian - in Cluj-Napoca, Alba Iulia, Bistriţa, Satu Mare, English - in Cluj-Napoca)

- **M.Sc.**
  - Industrial Design
  - Engineering and Management of the Technological Resources in Industry

- **PhD**
  - Industrial Engineering
  - Engineering and Management
  - Mechanical Engineering

ALINĂ OLEINA
Albania

**TESTIMONIALS FROM STUDENTS**

I strongly encourage students to be part of this university. The lifestyle is unique, the education is on a high level, people are great and the student life is rich! You should come and see!
The mission of the faculty lies in contributing through advanced research to the evolution of knowledge related to the fields of electronics, telecommunications and information technology and to train specialists in the design, development, implementation and operation of electronic and communications systems that are applied in the most varied fields of industry and everyday life.

Study Programme

B.Sc.
- Applied Electronics (Romanian, English)
- Telecommunications Technologies and Systems (Romanian, English)
- Economical Engineering in the Electrical, Electronic and Power Fields

M.Sc.
- Integrated Circuits and Systems
- Electronic Engineering
- Telecommunications
- Multimedia Technologies
- Signal and Image Processing (French)
- Integrated Communication Systems with Special Applications
- Technologies, Systems and Applications for E-Activities

PhD
- Electronic Engineering and Telecommunications

TCHEBEMOU OUANDJI
Central African Republic

YIP HAN WENG
Malaysia

TESTIMONIALS FROM STUDENTS

It is moving to be in an ideal and convivial student-friendly learning environment that allows me to better use my skills and to develop cross-comprehension. The teachers and researchers are competent and able to lead and help you reach your objectives. The institution has well-equipped laboratories and a captivating library that helped me a lot during my first year of master studies. My colleagues and the Ph.D. students were also very supportive and keen to help and to share their knowledge. I strongly encourage future students to apply to this ideal university where knowledge and sharing of knowledge is transmitted unambiguously in almost all areas.

In the Faculty of Electrical Engineering, the teaching process sets an emphasis on a multisided education that provides advanced knowledge in electrotechnics, power systems, medical engineering, economical engineering, electronics, automation, informatics and computers. This kind of education will enable the graduates of the faculty to cope with multidisciplinary tasks and gives them an advantage when opting for a successful career.

Study Programme

B.Sc.
- Electrotechnics
- Instrumentation and Data Acquisitions
- Power Electronics and Electric Drives
- Electro-mechanics
- Energy Management
- Medical Engineering (in Cluj-Napoca and Bistrita)
- Economical Engineering in Electric, Electronic and Power Systems

M.Sc.
- Modern Techniques of CAD in Electrical Engineering
- Monitoring and Control Systems in Electrical Engineering
- Advanced Electrical Systems and Structures
- Applied Engineering Sciences in Medicine
- Management of Modern Power Systems

PhD
- Electrical Engineering

I have been studying 6 years in finance for my Master degree in Electrical Engineering and sustainable development. Thanks to the Erasmus mobility, I managed to come here as an Erasmus exchange student in The Technical University Cluj-Napoca to do my final year project for 6 months. I was distributed under the Electrical Machine Department. Most of the people whom I worked with are very friendly and speak very good English. I love the student life here in Cluj-Napoca and I made many new friends since I was here. I had a very awesome experience here as a student. Once you came here, you will never want to leave!

All in all, I love the Technical University and Cluj-Napoca!

26-28, George Baritiu Street
400027, Cluj-Napoca, România
Tel. + 4 0264 401 229
http://ie.utcluj.ro

26-28, George Baritiu Street
400027, Cluj-Napoca, Romania
Tel. + 4 0264 401 224
Fax. + 4 0264 591 689
http://etti.utcluj.ro
The Faculty of Materials and Environmental Engineering provides professional training for engineers granting them high professional flexibility and competences in the field of materials and their processing and in environmental engineering as well. The competences of the graduates concern both the design, selection of materials and their processing technologies, the evaluation of pollutants and polluted areas, technologies and devices for environmental protection.

**Study Programme**

**B.Sc.**
- Materials Science
- Materials Processing Engineering (in Cluj-Napoca and Zalau)
- Engineering and Protection of Industrial Environment

**M.Sc.**
- Materials, Micro and Nanotechnologies
- Engineering and Management of the Advanced Processing of Materials
- Powder Metallurgy and Advanced Materials
- Materials Welding and Quality
- Sustainable Development and Environment Protection
- Advanced Methods of Environment Protection
- Integrated Management of Natural Resources and Waste
- Sustainable Development Engineering, Law and Economy
- Sustainable Development Entrepreneurship
- Technological Education and Communication in Sustainable Development

**PhD**
- Materials Engineering
- Environmental Engineering

103-105, Muncii Bvd.
400641, Cluj-Napoca, Romania
Tel. + 4 0264 401 622
Fax. + 4 0264 415 054
http://imm.utcluj.ro

In the Faculty of Building Services, students are trained to design, build, maintain, rehabilitate and modernize internal and external equipment used to serve buildings in their operation. This domain has lately been very dynamic and it has incorporated top technologies (renewable energy, passive houses, green buildings), thus joining the efforts to increase energy efficiency, reliability, ergonomy and comfort, required by all types of buildings (residential, industrial, tertiary).

**Study Programme**

**B.Sc.**
- Building Services

**M.Sc.**
- Building Services Engineering

**PhD**
- Civil Engineering

128-130, 21 Decembrie 1989 Bvd.
400604, Cluj-Napoca, Romania
Tel. + 4 0264 202 509
Fax. + 4 0264 410 179
http://instalatii.utcluj.ro

**ADRIANO LUÍS RIBEIRO MENDES**
Portugal

**ALPHOSO GALINDO MUT**
Spain

**TESTIMONIALS FROM STUDENTS**

My experience in Cluj was one of the best experiences of my life! Here I could meet lots of people and different cultures which were one of my goals coming here. I was surprised that so many people here could speak in English and helped a lot in the adaptation process.

People here are very friendly and it’s not hard to find anything you need around here.

At the Technical University of Cluj-Napoca I met professors that actually helped me during my stay and it was not hard to complete my studies. It was a great experience and if I could, I would do it again.

I would like to share with all of you my opinion about this university, this city and my whole experience.

It is a really good experience in my life. Of course, it is different from Spanish universities. I am really glad here, teachers and my new classmates are so kind to me, so it is better than I can imagine.

The university, in general, is a good place to be, the rooms, laboratories are sophisticated, we can use them and do many experiments.

Professors are always willing to support me with everything.

As for the language, my English level is being improved because I need it for everything, to speak with my professors, my colleagues and other social groups. It is also a challenge to try and learn Romanian language at a beginner’s level.

Time passes so fast here, I hope I could take all the things that I can and enrich my knowledge. I am sure, that there are new things to discover!

I really appreciate this opportunity to be integrated into this University.

It is a real pleasure!
The Faculty of Mechanical Engineering trains students at Bachelor, Master and PhD level to become specialists in the fields of mechanical, mechatronics and automotive engineering, according to the present-day and future demands of the profession. The competences of the graduates enable them to perform their activity in the fields of automotive engineering, transport and traffic engineering, intelligent machines, fine precision mechanics, machines and equipment for agriculture and food industry.

**Study Programme**

**B.Sc.**
- Road Vehicles
- Transport and Traffic Engineering
- Machines and Equipment for Agriculture and Food Industry
- Precision Mechanics and Nanotechnologies
- Thermal Systems and Equipment (in Cluj-Napoca and Alba Iulia)
- Mechatronics

**M.Sc.**
- Vehicle and Environment
- Road Vehicles Logistics
- Biosystems Engineering in Agriculture and Food Industry
- Precision Engineering and Quality Management
- Renewable Energy
- Heat Energy Management
- Mechatronic Systems Engineering

**PhD**
- Mechanical Engineering
- Industrial Engineering

**Comment from IVAN RIOS RAMIREZ**

I am studying the first semester of a master degree here in the Technical University of Cluj-Napoca and it is simply fascinating! It is a great place to study for a post-graduate education! The study programme that I’m studying at this moment is an excellent combination of very interesting and specific subjects which are improving my engineering skills, without doubt. The high level and the high experience of the teachers, their attention to the development of the students in every single subject are also to be remarked.

And even though sometimes I miss my country, my Romanian classmates are willing to help me without exception and that makes me feel like home. I took (25 students, at least in the courses I took), is something to appreciate. It enables the necessary interaction for any engineering career, as every problem is discussed in class and everyone’s opinion is taken into account. Moreover, the updated material used for teaching has impressed me a lot. I have found out in this university a way of teaching I thought to be lost. While in mine, we are usually just our ID number, I felt being really integrated in the UTCN in the great atmosphere of a class where students know their students names and they make jokes to each other.

The advantage of being no more than 25 students (at least in the courses I took), is something to appreciate. It enables the necessary interaction for any engineering career, as every problem is discussed in class and everyone’s opinion is taken into account. Moreover, the updated material used for teaching has impressed me a lot, as I learnt how to use really important programs I would never have learnt at home. And finally, I am really grateful for all the help I received from everyone, teachers and colleagues were there in every little problem I had. Everyone, teachers and colleagues were there in every little problem I had. Thanks to all of you!

**Testimonials from students**

In a few words, I can say that the study at the Technical University of Cluj-Napoca is an invaluable experience that must be tried if you have the opportunity.

The mission of the Faculty of Engineering consists in providing university level education in engineering fields, in order to develop individuals’ intellectual, social, and professional abilities and competences, to perform research and to offer academic professional services aimed at reaching performance and continuous improvement of quality, so that they could play an important role in the economical and technological development of the North West region of Transylvania and of wider communities.

**Study Programme**

**B.Sc.**
- Computer Science
- Electrical and Mechanical Engineering
- Applied Electronics
- Engineering of Power Systems
- Machine-Building Technology
- Equipment for Industrial Processes
- Economic Engineering in the Field of Mechanics
- Mining Engineering
- Materials Processing Engineering
- Environment Protection Engineering
- Waste Recovery Engineering

**M.Sc.**
- Technological Systems Quality Engineering
- Flexible Manufacturing Systems Engineering
- Machine and Equipment Design

**PhD**
- Mechanical Systems Maintenance Management
- Technology Innovation and Development Management
- Engineering and Management in the Electrical Field
- Engineering and Management in the Power Field
- Monitoring and Analysis of the Operation of Electrical/Power Systems
- Security and Rehabilitation of Mining Sites
- Environment Impact and Risk Evaluation
- Material Processing through Special Methods

**Comment from INAX ECHAVE**

No one there in every little problem I had. Everyone, teachers and colleagues were there in every little problem I had. Thanks to all of you!

**Testimonials from students**

In a few words, I can say that the study at the Technical University of Cluj-Napoca is an invaluable experience that must be tried if you have the opportunity.
The Faculty of Humanities educates future specialists for various fields, providing them with a solid theoretical and practical background required to be integrated in the social and professional activities. The educational activity is directed towards training teachers for Romanian and foreign languages, translators and interpreters, preparing specialists for religion and philosophy, for social care, mass media and arts, museum workers, as well as specialists in tourism.

The Faculty of Sciences offers a wide range of opportunities in both fundamental and applied studies. A high performance education level is completed and developed together with a complex research activity in the following competence fields: Biology, Chemistry, Food Industry, Mathematics, Informatics, Physics, Management, Business Administration, Cybernetics, Statistics and Economic Informatics as well as preparing specialists that could be employed in IT, company management, medical and environment laboratories and in food industry.
International Relations Office

IRO works as a team to develop the international relations of the university. The main mission of IRO lies in supporting the mobility given to students both for study and placement, in higher education institutions from abroad or international companies. IRO is also involved in sustaining staff mobility for teaching and training, in cooperation with partner universities abroad. IRO guides students of all nationalities wishing to have the benefit of this kind of experience towards scholarships that could better fit to their expectations.

- Through the Office for European Programs, annually about 150 students’ mobility is covered within the ERASMUS+ Programme;
- The Ministry of Education and Scientific Research, through its Agency for Study Loans and Scholarships, gives a number of scholarships in an annually updated program of agreements, signed with European Union countries or countries outside it;
- Student exchanges are also possible through the Scholarships offered by the French Government and Agence Universitaire de la Francophonie;
- Another interesting offer for the TUCN students is the program “Vulcanus in Japan” financed by EU-Japan Centre for Industrial Cooperation (co-financed by the European Union and the Japanese Ministry of Economy, Trade, and Industry ) to which companies from Japan also contribute;
- For German language proficient students, universities from Germany and Holland can be a place of study under DAAD and COPERNICUS scholarships.

Bilateral Agreements:

Australia  Brazil  Bulgaria  Canada  Chile  China  Croatia  Czech Republic  Republic of Moldova  Russia  Serbia
Slovenia  South Korea  Spain  USA  France  Germany  Spain  USA  France  Germany  Hungary  India  Ireland
Italy  Macedonia  Netherlands  Poland  Portugal  Republic of China  Switzerland  Taiwan  Ukraine  United Kingdom  Vatican

TESTIMONIALS FROM STUDENTS

GUILLAUME FONNE

My experience with the Technical University of Cluj-Napoca has many characteristics. It is enjoyable, friendly and also rewarding, from a professional point of view. I was also happy to meet Erasmus students from different countries and universities, with their specific cultures. People speak English very well, they also speak French and this was a support for me. As an Erasmus student, I appreciate the learning process, the concern showed to us and the efforts made to integrate us and to help us. Come here as I did if you have this opportunity.

After registering to the university, the non-EU student must also be registered to the Romanian Office for Immigration Cluj. The procedure for extending the permit of stay is available on the International Relations Office website:

International Relations Office -> Admission -> non-EU (Bachelor, Master, PhD)
The application is online.

1. Citizens of a non-EU country, having the documents of study issued outside the European Economic Community and Swiss Confederation will follow the procedure indicated on the website:

2. European citizens having the documents of study issued in a country from the European Economic Community and the Swiss Confederation will take the admission under the same conditions as the Romanian citizens, with the exception of obtaining the Certificate of Equivalence in the Romanian educational system prior to submitting the application file for admission. The International Relations Office offers guidance toward the procedure of obtaining this certificate.

The procedure is available on the IRO website:

International Relations -> Admission -> EU (Bachelor, Master, PhD)

Incoming mobility

International students who wish to spend a short period of study in our university, may apply for different types of mobility. All the information regarding the mobility is available on the IRO website:

International Relations -> Mobility -> Erasmus mobility/Free mover mobility/other mobility

Preparatory Year of Romanian Language

For the candidates who wish to continue their studies in a specialization not offered in English, French or German, the Technical University of Cluj-Napoca organizes a preparatory year of Romanian language

Visa

The accommodation conditions for international students in our hostels are as follows:
- room for 2 people or 4 people (with different financial conditions);
- bathroom in each room or each two rooms and kitchen located on each floor;
- one library on the first floor;
- free access to the internet in each room by using the own personal computer;

The accommodation is offered within the limit of the available places. In order to apply for accommodation, complete the application form and follow the steps available here:

International Relations -> Accommodation

www.utcluj.ro