



### Faculty of Building Services

- Building Services Engineering

### Faculty of Engineering - North University Centre of Baia Mare

- Technological Systems Quality Engineering
- Flexible Manufacturing Systems Engineering
- Machine and Equipment Design
- Mechanical Systems Maintenance Management
- Technology Innovation and Development Management
- Engineering and Management in the Electrical Field
- Engineering and Management in the Power Field
- Security and Rehabilitation of Mining Sites
- Environment Impact and the Risk Evaluation
- Material Processing and Advanced Technologies

### Faculty of Humanities - North University Centre of Baia Mare M.A.

- Romanian Literature and European Modernism
- The Romanian Language in European Context: Space, Culture and Communication
- French Language in Specialized Translations
- Canadian Studies
- Ethnology and Social Anthropology
- Ethno-tourism / Ethnology and Cultural Tourism
- Theology and European Spirituality
- English Literature for Children and Young Adults
- Human Rights
- Dynamics of the Contemporary Romanian Language
- Social Assistance and Inclusion of the Elderly and the Disabled
- Reflexive Values of the Image in Contemporary Painting
- Comparative studies in European Cultures and Civilisations

### Faculty of Sciences - North University Centre of Baia Mare

- Educational Mathematics
- Computational Mathematics and Advanced Information Technologies
- Computer Science and Software Engineering (in Romanian and English)
- Applied Biochemistry
- Analysis and Control Methods for the Quality of Environment and Products
- Educational Chemistry
- European Project Management
- Business Management

#### International Relations Office

28, Memorandumului Street, 400114, Cluj-Napoca, Romania  
Tel.: +40 264 202 594, Fax.: +40 264 591 690  
international@staff.utcluj.ro  
<http://bri.utcluj.ro>



# Study Programme M.Sc. / M.A.

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

## Faculty of Architecture and Urban Planning

- Architecture (6 years of study, integrated Bachelor and Master degrees)

## Faculty of Automation and Computer Science

- Advanced Process Control (CAP)
- Applied Informatics in Complex System Engineering (IAISC)
- Advanced Manufacturing Control (ICAF)
- Applied Informatics (IA)
- Communication Networks and Distributed Systems (RCSD)
- Artificial Intelligence and Vision (IVA)
- Software Engineering (IS)
- Computer Engineering (IC)
- Information Technology applied in Economics (TIE)
- Information and Computing System Security (SISC)
- Complements of Computer Science (CSC)

## Faculty of Automotive, Mechatronics and Mechanical Engineering

- Vehicle and Environment
- Advanced Techniques in Automotive Engineering
- Vehicle Management and Control Systems
- Road Vehicles Logistics
- Biosystems Engineering in Agriculture and Food Industry
- Precision Engineering and Quality Management
- Renewable Energy
- Heat Energy Management
- Mechatronic Systems Engineering

## Faculty of Civil Engineering

- Structural Engineering
- Pathology and Rehabilitation of Constructions
- Transport Infrastructure Engineering
- Sustainable Concrete Constructions
- Geotechnical Engineering
- Special Technologies Engineering in Constructions
- Project Management and Property Evaluation
- Eco Transportation and Works of Art Infrastructures
- Advanced Design of Timber and Steel Structures (in Baia Mare)
- Green Buildings

## Faculty of Machine Building

- Industrial Design
- Engineering and Management of the Technological Resources in Industry (in Cluj-Napoca and Satu Mare)
- Advanced Manufacturing Technologies (in Alba Iulia and Cluj-Napoca)
- Engineering and Sustainable Enterprise Management
- Quality Engineering and Management (in Cluj-Napoca and Bistrița)
- Virtual Engineering and Competitive Manufacturing (in Romanian, English in Cluj-Napoca)
- Virtual Engineering and Competitive Manufacturing (in Zalău)
- Robotics (in Romanian and English in Cluj-Napoca)
- Robotics (in Bistrița)
- Innovative Production Processes and Technological Management (in Romanian, English and German)
- Computer Aided Design of Manufacturing Systems
- Evaluation of Properties
- Management of Logistic Systems
- Management and Engineering in Business
- Entrepreneurship



## Faculty of Electronics, Telecommunications and Information Technology

- Integrated Circuits and Systems
- Electronic Engineering
- Telecommunications
- Multimedia Technologies
- Signal and Image Processing (in French)
- Communications Integrated Systems with Special Applications
- Technologies, Systems and Applications for eActivities

## Faculty of Electrical Engineering

- Modern CAD Methods in Electrical Engineering
- Monitoring and Control Systems in Electrical Engineering
- Advanced Electrical Structures and Systems
- Applied Engineering Sciences in Medicine
- Modern Power Systems Management

## Faculty of Materials and Environmental Engineering

- Materials, Micro and Nanotechnologies
- Engineering and Management of the Advanced Processing of Materials
- Powder Metallurgy and Advanced Materials
- Materials Welding and Quality (Cluj-Napoca and Bistrița)
- Materials and Advanced Technologies
- Advanced Processing, Management and Quality in Materials Engineering (in Zalău)
- Engineering, Law and Economics of Sustainable Development
- Sustainable Development and Environment Protection
- Advanced Methods of Environment Protection
- Integrated Management of Natural Resources and Waste
- Sustainable Development Entrepreneurship
- Technological Education and Communication in Sustainable Development