#### CENTRUL UNIVERSITAR NORD BAIA MARE

#### inginerie.utcluj.ro

## Faculty of ENGINEERING

- Engineering of flexible manufacturing systems (RO)
- Management of innovation and technology development (RO)
- Engineering and management in the electrical field (RO)
- Engineering and management in the energetic field (RO)
- Environmental impact and risk assessment (RO)
- Material processing through special procedures (RO)

#### litere.utcluj.ro

## Faculty of HUMANITIES

- The romanian language in european context (space, culture, communication) (RO)
- Romanian literature and european modernism (RO)
- English literature for children and youth (RO)
- French in specialized translations (RO)
- Ethno-tourism/ethnology and cultural tourism (RO)
- Human rights (RO)
- Reflexive values of the image in contemporary painting (RO)
- Theology and european spirituality (RO)
- Social assistance and inclusion of the elderly and the disabled (RO)
- Curriculum design and innovation (RO)









# With you, every step of your journey

#### **ADMITANCE OFFICE**

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> admitere@utcluj.ro admitereonline.utcluj.ro







#### **Faculty of SCIENCE**

- Didactics of mathematics (RO)
- Informatics and software engineering (RO)
- Didactic chemistry (RO)
- Applied biochemistry (RO)
- European project management (RO)
- Business management (R0)
- Food science and safety (RO)







STUDY PROGRAMME

## **FACULTIES**

ac.utcluj.ro

#### Faculty of **AUTOMATION AND COMPUTER SCIENCE**

- Advanced process control (RO)
- Applied informatics in complex systems engineering (RO)
- Applied informatics (R0)
- Advanced control of manufacturing processes (RO)
- Software engineering (RO)
- Artificial intelligence and vision (RO)
- Communication networks and distributed systems (RO)
- Information and computing system security (RO)
- Information technology in economics (RO)
- Complements of computer science (RO)

armm.utcluj.ro

## Faculty of **AUTOMOTIVE, MECHATRONICS** AND MECHANICAL ENGINEERING

- Automotive and environment (RO)
- Automotive management and control systems (RO)
- Advanced techniques in automotive engineering (EN)
- Transport safety and logistics (RO)
- Biosystems engineering in agriculture and food industry (RO)
- Renewable energy (R0)
- Precision engineering and quality management (RO)
- Reliability and maintenance of mechanical systems (RO)
- Mechatronic systems engineering (RO)

constructii.utcluj.ro

#### Faculty of CIVIL ENGINEERING

- Green buildings (RO)
- Sustainable concrete constructions (RO)
- Transport infrastructure engineering (RO)
- Geotechnical engineering (RO)
- Structural engineering (R0)
- Advanced design of timber and steel structures (RO)

etti.utcluj.ro

### Faculty of **ELECTRONICS. TELECOMMUNICATIONS** AND INFORMATION TECHNOLOGY

- Integrated circuits and systems (RO)
- Electronic engineering (RO)
- Signal and image processing (FR)
- Communications integrated systems with special applications (RO)
- Multimedia technologies (RO)
- Technologies, systems and applications for e-activities (RO)
- Telecommunications (RO)

imm.utcluj.ro

### Faculty of MATERIALS AND ENVIRONMENTAL ENGINEERING

- Advanced Materials and Technologies (RO)
- Welding and Quality Assurance of Materials (RO)
- Advanced Materials Processing Engineering and Management (RO)
- Sustainable Development and Environmental Protection (RO)
- Engineering Law and Economics of Sustainable Development (RO)
- Integrated Management of Natural Resources and Waste (RO)
- Sustainable Printing Systems (R0)

instalatii.utcluj.ro

#### Faculty of **BUILDING SERVICES ENGINEERING**

Building services engineering (RO)

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#### Faculty of **ELECTRICAL ENGINEERING**

- Monitoring and control systems in electrical engineering (RO)
- Advanced electrical systems and structures (RO)
- Modern techniques of CAD in electrical engineering (RO)
- Management of modern power systems (RO)
- Applied engineering sciences in medicine (RO)

iirmp.utclui.ro

#### Faculty of INDUSTRIAL ENGINEERING. ROBOTICS AND PRODUCTION MANAGEMENT

- Industrial design
- Management and quality engineering (RO)
- Virtual engineering and competitive manufacturing (RO | EN)
- Innovative production processes and technological management (DE)
- Computer aided design of manufacturing systems (RO)
- Advanced manufacturing technologies (RO)
- Management and quality engineering (RO)
- Engineering and management of technological resources in industry (RO)
- Virtual engineering and competitive manufacturing (RO)
- Entrepreneurship (RO)
- Management and engineering in business (RO)
- Management of logistic systems (RO)
- Technical Project Management (RO)
- Robotics (EN)
- Robotics (RO)

