<table>
<thead>
<tr>
<th>Faculty of Architecture and Urban Planning (Cluj-Napoca)</th>
<th><strong>PREPARATORY YEAR OF ROMANIAN LANGUAGE</strong> (Romanian)</th>
</tr>
</thead>
</table>

**BACHELOR’S PROGRAMMES**

**Faculty of Automation and Computer Science (Cluj-Napoca)**
- Computer Science (Romanian / English)
- Information Technology (Romanian)
- Automation and Applied Informatics (Romanian / English)

**Faculty of Civil Engineering (Cluj-Napoca)**
- Civil, Industrial and Agricultural Constructions (Romanian / English)
- Railways, Roads and Bridges (Romanian)
- Hydrotechnic Construction and Planning (Romanian)
- Urban and Regional Development Engineering (Romanian)
- Construction Engineering and Management (Romanian)
- Land Measurements and Real Estate Register (Romanian)

**Faculty of Industrial Engineering, Robotics and Production Management (Cluj-Napoca)**
- Manufacturing Engineering (Romanian / English)
- Industrial Design (Romanian)
- Robotics (Romanian / English)
- Economical Engineering in Industry (Romanian)

**Faculty of Electronics, Telecommunications and Information Technology (Cluj-Napoca)**
- Applied Electronics (Romanian / English)
- Telecommunications Technologies and Systems (Romanian / English)
- Economic Engineering in the Electrical, Electronic and Energetic Domain (Romanian)

**MASTER’S PROGRAMMES**

**Faculty of Architecture and Urban Planning (Cluj-Napoca)**
- Communication Networks and Distributed Systems (Romanian)
- Artificial Intelligence and Vision (Romanian)
- Software Engineering (Romanian)
- Information Technology in Economics (Romanian)

**Faculty of Automation and Computer Science (Cluj-Napoca)**
- Complements of Computer Science (Romanian)
- Advanced Process Control (Romanian)
- Applied Informatics in Complex Systems Engineering (Romanian)
- Advanced Control of Manufacturing Processes (Romanian)
- Applied Informatics (Romanian)
- Information and Computing System Security (Romanian)

**Faculty of Civil Engineering (Cluj-Napoca)**
- Structural Engineering (Romanian)
- Transport Infrastructure Engineering (Romanian)
- Sustainable Concrete Constructions (Romanian)
- Geotechnical Engineering (Romanian)
- Project Management and Property Evaluation (Romanian)
- Green Buildings (Romanian)

**Faculty of Industrial Engineering, Robotics and Production Management (Cluj-Napoca)**
- Industrial Design (Romanian)
- Virtual Engineering and Competitive Manufacturing (Romanian / English)
- Management and Quality Engineering (Romanian / English)
- Innovative Production Processes and Technological Management (Romanian / German)
- Computer Aided Design of Manufacturing Systems (Romanian)
- Robotics (English)
- Management of Logistic Systems (Romanian)
- Entrepreneurship (Romanian)
- Management and Engineering in Business (Romanian)

**Faculty of Electronics, Telecommunications and Information Technology (Cluj-Napoca)**
- Integrated Circuits and Systems (Romanian)
- Electronic Engineering (Romanian)
- Telecommunications (Romanian)
- Multimedia Technologies (Romanian)
- Signal and Image Processing (French)
- Communications Integrated Systems with Special Applications (Romanian)
- Technologies, Systems and Applications for eActivities (Romanian)
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<tr>
<th><strong>BACHELOR’S PROGRAMMES</strong></th>
<th><strong>MASTER’S PROGRAMMES</strong></th>
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</thead>
</table>
| **Faculty of Electrical Engineering**  
(Cluj-Napoca) | Electrotechnics (**Romanian**)  
Instrumentation and Data Acquisitions (**Romanian**)  
Power Electronics and Electric Drives (**Romanian**)  
Electro-mechanics (**Romanian**)  
Energy Management (**Romanian**)  
Medical Engineering (**Romanian**)  
Economic Engineering in Electric, Electronic, and Power Systems (**Romanian**)  
Medical Engineering in Bistrita (**Romanian**)  |
| **Faculty of Materials and Environmental Engineering**  
(Cluj-Napoca) | Materials Science (**Romanian**)  
Materials Processing Engineering (**Romanian**)  
Engineering and Protection of Industrial Environment (**Romanian**)  
Materials Processing Engineering in Zalau (**Romanian**)  |
| **Faculty of Building Services Engineering**  
(Cluj-Napoca) | Building Services (**Romanian**)  |
| **Faculty of Automotive, Mechatronics and Mechanical Engineering**  
(Cluj-Napoca) | Automotive Engineering (**Romanian**)  
Transport and Traffic Engineering (**Romanian**)  
Machines and Equipment for Agriculture and Food Industry (**Romanian**)  
Precision Mechanics and Nanotechnologies (**Romanian**)  
Thermal Systems and Equipment (**Romanian**)  
Mechatronics (**Romanian**)  
Thermal Systems and Equipment in Alba Iulia (**Romanian**)  |
| **Faculty of Engineering**  
(North University Center, Baia Mare) | Computer Science (**Romanian**)  
Electromechanics (**Romanian**)  
Applied Electronics (**Romanian**)  
Power Systems Engineering (**Romanian**)  
Machine Building Technology (**Romanian**)  
Economic Engineering in the Mechanical Field (**Romanian**)  
Materials Processing Engineering (**Romanian**)  
Environmental Engineering and Protection Industry (**Romanian**)  |
| **Faculty of Humanities**  
(North University Center, Baia Mare) | Romanian Language and Literature (**Romanian**)  
 Romanian Language and Literature – English Language and Literature (**Romanian**)  
 Romanian Language and Literature – French Language and Literature (**Romanian**)  
 Applied Modern Languages English – French (**Romanian**)  
 Applied Modern Languages English – German (**Romanian**)  
 Ethnology (**Romanian**)  
 Philosophy (**Romanian**)  
 Journalism (**Romanian**)  
 Communication and Public Relations (**Romanian**)  
 Social Work (**Romanian**)  
 Fine Arts (**Romanian**)  
 Pastoral Orthodox Theology (**Romanian**)  
 Pedagogy of primary and preschool education (**Romanian**)  |
| **Faculty of Electrical Engineering**  
(Cluj-Napoca) | Modern Techniques of CAD in Electrical Engineering (**Romanian**)  
 Monitoring and Control Systems in Electrical Engineering (**Romanian**)  
 Advanced Electrical Systems and Structures (**Romanian**)  
 Management of Modern Power Systems (**Romanian**)  
 Applied Engineering Sciences in Medicine (**Romanian**)  |
| **Faculty of Materials and Environmental Engineering**  
(Cluj-Napoca) | Powder Metallurgy and Advanced Materials (**Romanian**)  
 Advanced Methods of Environment Protection (**Romanian**)  
 Integrated Management of Natural Resources and Waste (**Romanian**)  
 Sustainable Development Engineering, Law and Economy (**Romanian**)  
 Sustainable Printing Systems (**Romanian**)  |
| **Faculty of Building Services Engineering**  
(Cluj-Napoca) | Building Services Engineering (**Romanian**)  |
| **Faculty of Automotive, Mechatronics and Mechanical Engineering**  
(Cluj-Napoca) | Automotive and Environment (**Romanian**)  
 Automotive Management and Control Systems (**Romanian**)  
 Advanced Techniques in Automotive Engineering (**English**)  
 Transport Safety and Logistics (**Romanian**)  
 Biosystems Engineering in Agriculture and Food Industry (**Romanian**)  
 Precision Engineering and Quality Management (**Romanian**)  
 Renewable Energy (**Romanian**)  
 Mechatronic Systems Engineering (**Romanian**)  
 Reliability and Maintenance of Mechanical Systems in Alba Iulia (**Romanian**)  |
| **Faculty of Engineering**  
(North University Center, Baia Mare) | Engineering of Flexible Manufacturing Systems (**Romanian**)  
 Management of Innovation and Technology Development (**Romanian**)  
 Engineering and Management in the Electrical Field (**Romanian**)  
 Engineering and Management in the Energetic Field (**Romanian**)  
 Environmental Impact and Risk Assessment (**Romanian**)  
 Material Processing Through Special Procedures (**Romanian**)  |
| **Faculty of Humanities**  
(North University Center, Baia Mare) | Romanian Literature and European Modernism (**Romanian**)  
 The Romanian Language in European Context (space, culture, communication) (**Romanian**)  
 French in Specialized Translations (**Romanian**)  
 Ethno-Tourism Ethnology and Cultural Tourism (**Romanian**)  
 Theology and European Spirituality (**Romanian**)  
 English Literature for Children and Youth (**Romanian**)  
 Human Rights (**Romanian**)  
 Social Assistance and Inclusion of the Elderly and the Disabled (**Romanian**)  
 Reflexive Values of the Image in Contemporary Painting (**Romanian**)  |
### Bachelor’s Programmes

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<tr>
<th>Faculty of Sciences</th>
<th>Informatics (Romanian)</th>
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<tbody>
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<td>Mathematics Informatics (Romanian)</td>
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<td>Medical Chemistry (Romanian)</td>
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<td>Biology (Romanian)</td>
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<td>Food Engineering (Romanian)</td>
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<td>Control and Expertise of Food Products (Romanian)</td>
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<td>Business Economics (Romanian)</td>
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<td>Economic Informatics (Romanian)</td>
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</tbody>
</table>

### Master’s Programmes

| Didactics of Mathematics (Romanian) |
| Informatics and Software Engineering (Romanian) |
| Applied Biochemistry (Romanian) |
| Didactic Chemistry (Romanian) |
| European Project Management (Romanian) |
| Business Management (Romanian) |
| Food Science and Safety (Romanian) |

### Doctoral Programmes

- Architecture
- Computers and Information Technology
- Systems Engineering
- Civil Engineering and Building Services
- Electronics, Telecommunications and Information Technology
- Materials Engineering
- Environmental Engineering
- Industrial Engineering
- Engineering and Management
- Mechanical Engineering
- Mathematics
- Philology
- Philosophy
- Electrical Engineering

**Quick facts:**

- In 2012, The University of Baia Mare merged with the Technical University of Cluj-Napoca and became The North University Center of Baia Mare.

**Distance**

- Distance between Cluj-Napoca and Baia Mare is approximately 150 km.

- Alba Iulia, Bistrita, Satu Mare and Zalau are cities where the extensions of TUCN are located. Nevertheless, the places allocated for non-EU citizens and Romanians from everywhere are in Cluj-Napoca and in Baia Mare.

The list of PhD supervisors is available [here](#).

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