

## Civil Industrial and Agricultural Buildings



<b>FACULTY</b>	<i>Faculty of Civil Engineering</i>
<b>FIELD OF STUDY</b>	<i>Civil Engineering</i>
<b>LANGUAGE</b>	<i>English</i>
<b>DEGREE AWARDED</b>	<i>Bachelor of Science (BSc)</i>
<b>DURATION</b>	<i>8 semesters/4 years</i>
<b>CREDIT POINTS</b>	<i>240 ECTS</i>

### OBJECTIVES

The curricula of the Civil, Industrial and Agricultural Buildings specialization combine the theoretical knowledge with practical concepts. In the first two years, basic studies and fundamental knowledge are provided, while in the last two years advanced level of knowledge and scientific training is planned, in order to acquire the necessary specific skills (building components and details, masonry constructions, reinforced concrete, steel, timber and composite structures etc.)



## GRADUATES

Graduate students acquire skills in building design, execution, maintenance, monitoring and rehabilitation, or in marketing and administration of buildings.

Other professional skills: development of feasibility studies, of technical and economic documentation for investments in companies licensed for design activities; analysis of technical and economical solutions to achieve construction works; building monitoring and control etc.

## MAIN TEACHING AREAS

The main teaching areas are: technical drawing, building materials, strength of materials, mechanics of constructions, geology, geotechnical engineering, soil mechanics, foundations, numerical analysis, statics, dynamics and stability, hydraulics, building physics, computer programming, reinforced and prestressed concrete, structural engineering, seismic engineering, design of steel and composite structures, reinforced concrete and buildings, technology and construction management.

## ADMISSION REQUIREMENTS AND PROCESS, TUITION FEES

Check the information posted on the International Relations Office:  
[http://bri.utcluj.ro/RI2\\_en/admitere\\_eu\\_neu.php](http://bri.utcluj.ro/RI2_en/admitere_eu_neu.php)

## INDUSTRIAL / ACADEMIC PARTNERS

The Faculty of Civil Engineering has partnerships with local companies in construction fields. The international academic cooperation is based on over 40 bilateral agreements within the Erasmus + Program.

## JOB OPENINGS

The engineer graduating the courses of the Civil Engineering Faculty will be prepared to answer and sustain the synergy of large-scale forces and processes at all levels, of the public-private partnership in the complex process of construction and management of the civil engineering works. The students with a degree in civil engineering can apply for a large number of jobs, like project designers, engineers in building construction, managers, building surveyors, researchers in constructions, teachers in educational institutions etc.

## CONTACT

Program Responsible  
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