

# CIVIL ENGINEERING, BSC



## PROGRAM FACTS

- **Program name/academic level:** Civil Engineering, BSc
- **Institution:** University of Debrecen
- **Faculty:** Faculty of Engineering
- **Starting date:** September
- **Duration:** 8 semesters
- **Language requirements:** English language proficiency (TOEFL 513 /IELTS 5.5/oral examination)
- **Academic requirements:** high school certificate; Mathematics and Physics (written and oral)
- **Tuition Fee:** 5.500 USD/year
- **One time fees:** application fee 150 USD, entrance examination fee 350 USD

## SHORT DESCRIPTION

The objective of the Civil Engineering BSc program is to train civil engineers who are capable of solving complex plan, design, management, operational and construction problems related to civil engineering in the public sector and private industry. Graduates will possess a potential for leadership, an ability to communicate effectively and a capacity to work in a team.

Students completing the undergraduate program will have developed competences or acquired knowledge in the following areas:

- application of knowledge in mathematics, science and engineering;
- designing and conducting experiments, as well as analyzing and interpreting data;
- designing a system, component, or process to meet desired needs;
- identifying, formulating and solving engineering problems;
- using techniques, skills and modern engineering tools necessary in practice;
- applying knowledge in the following four recognized major civil engineering areas: structural engineering, geotechnical engineering, transportation engineering and water resources engineering, focusing on one or more of the four areas;
- performing civil engineering design
- applying the principles of sustainability in civil engineering

