

Gradevina – Civil Engineering

Department of Civil Engineering at the Faculty of Technical Studies has the task of enabling personnel of civil engineering profession based on the curricula compatible with the Bologna Declaration and in accordance with Law on Higher Education of Bosnia and Herzegovina and other legislation governing this activity.

The study program Civil Engineering, in terms of past experience in the implementation of similar programs, can completely rely on other higher education institutions in Bosnia and Herzegovina. Because of that the faculty looks up to other faculties in our country as well as faculties from neighboring countries.

The development of the civil engineering industry for the past 15 years has led to increased interest in that professions. The civil engineering profession includes a wide range of the market and is increasing daily, as well as jobs in the civil engineering professions. Many commercial entities are expressing interest in education of a higher degree and in cooperation with higher education institutions that will educate personnel in the field of civil engineering.

It is anticipated that certain parts of practical training take place in cooperation with various actors according to their abilities and with regards to the possibility of high-quality organization of the teaching process. In addition to the existing agreement reached with printing industries where a part of practical training for students will be conducted.

In addition to the above mentioned subjects the Faculty will make contact and a degree of cooperation with other companies that express interest in cooperation and with other institutions with the same intentions. All courses are open to enrollment to students from other higher education institutions. Students of the Faculty can obtain a certain number of credits at other

higher education institutions in accordance with the Study Regulations, consultation with the leaders of the study program and with their mentor. Depending on the program contents, students can take individual courses at other universities.

The student within the system has the ability to present previously accomplished, and for a semester or even a whole year study at another higher education institution, to pass certain courses, transfer ECTS credits and afterwards continue their studies at their Faculty. Students who have completed their undergraduate studies in a different field may also enroll at one of the graduate programs if they have sufficient knowledge in the desired field and upon taking differential exams. The Faculty Council regulates for how many and for which courses the student needs to take the differential exams.

University department: Civil Engineering

Organizer: University of Travnik – Faculty of Technical Studies

Duration of the study program is carried out in accordance with the Bologna process:

- 1st Study Cycle - undergraduate studies (6 semesters) – 180 ECTS credits
- 2nd Study Cycle – graduate/ master of sciences studies (4 semesters) – 120 ECTS credits
- 2nd Study Cycle – graduate/ master's studies (2 semesters) – 60 ECTS credits
- 3rd Study Cycle - PhD (6 semesters) – 180 ECTS credits

Students acquire the following titles: (3+2):

- **Bakalaureat/ bachelor / Civil Engineer**
- **Master of science / Master - Civil Engineer**

Eligibility

Eligible to enroll at the department of Civil Engineering at the Faculty of Technical Studies (undergraduate studies), are those who have completed adequate four-year secondary education (high school) and meet the conditions of admission procedure in accordance with the provisions of the call for applications at the University of Travnik published in the press. The admission process is organized through individual interviews with candidates. The interview is focused on general education and preferences for the selected study program.

The department of **Civil Engineering** offers the students the possibility to acquire the knowledge and skills needed to work in all fields of construction, starting with the construction of various building systems - from the smallest and medium-sized to large systems - as well as quality management of construction of the mentioned systems; to perform a variety of tasks related to the design of the product, management, monitoring, programming, process control and the so forth. All courses are open to students from other higher education institutions.

ECTS credits:

First year courses 60

Compulsory courses 78

Elective courses 32

Internship and final paper 10

TOTAL: 180