



# **BYDGOSZCZ UNIVERSITY OF SCIENCE AND TECHNOLOGY**

Faculty of Civil and Environmental Engineering  
and Architecture

## **CIVIL ENGINEERING**

### **FIRST-CYCLE STUDIES IN THE FIELD (6TH QUALIFICATION FRAMEWORK)**

#### **Description of the field**

A civil engineer deals with the design, construction and operation of building structures, performs analyzes and designs for the construction of cubature and engineering structures. They have the ability to carry out works during their implementation, dealing with geological phenomena and processes – at the interface between building structures and soils, technologies supporting construction processes and modern material solutions. A civil engineer conducts construction works, deals with the maintenance and modernization of building objects as well as the production of building materials and elements. Such specialist deals with the design and implementation of construction processes and technological systems while managing both traditional and environmentally friendly construction.

#### **What will you study?**

You will gain knowledge from a wide range of fields, like: general construction, building materials, construction mechanics, foundations, road construction as well as technology and organization of construction works. You will learn to design elements of building structures and take courses in computer programs supporting design and construction. Students of the Faculty of Civil and Environmental Engineering and Architecture are not afraid of challenges! They make their dreams come true with great success both at home and abroad. The ERASMUS+ program is very popular at the Faculty. As part of it, you can study or start an internship abroad, for example in Great Britain, Italy, Spain, Portugal, Greece, Canary Islands, Croatia and Turkey. Participation in the program contributes to the establishment of many professional contacts and friendships for life.

#### **Employment after graduation**

The labor market for our graduates includes jobs at companies dealing with construction or construction production, at design offices or state and local government units. You could also run your own design or construction company.

## Why Civil Engineering?

Studying Civil Engineering at the Faculty of Civil and Environmental Engineering and Architecture can be characterized by the possibility of multidimensional exploration of knowledge both during interesting lectures, laboratories and design classes, as well as outside of them. Students use the acquired knowledge while cooperating with numerous companies operating on the market of construction and installation services. In such way they actively improve their skills, both on the construction site and in design offices. They then use it effectively to create interesting engineering and master's theses. In addition, in the future, the acquired knowledge results in finding an interesting job that brings content and satisfaction.

**The procedure for submitting candidates is available at: <https://iro.pbs.edu.pl/en/full-studies/full-studies>**

**Online registration for higher education for the 2024/2025 academic year is scheduled to begin on June 5, 2025.**

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