

## **Moscow State University of Civil Engineering (National Research University)**

### **BSc IN CIVIL ENGINEERING**

Bachelor's degree program in Civil Engineering with specialized tracks.

- Duration of studies: **4 years, 240 ECTS credits**
- Language of instruction: **English**
- Full-time studies **on-campus**
- Tuition: **320 000 RUB per year**

Program coordinator: [KarakozovaAI@gic.mgsu.ru](mailto:KarakozovaAI@gic.mgsu.ru) - Anastasia Karakozova, PhD, Assoc. professor at the Department of Structural and Theoretical Mechanics.

#### **About the program**

Empower yourself with tools and knowledge to create sustainable built environment, lead the effort - build, design, and sustain! Our program will give you comprehensive skill set and competences to become highly qualified Civil Engineer.

During your studies you will be able to specialize in one or more tracks of your choice:

- Theory of structural calculation
- Big Data application in Civil Engineering
- Construction Management
- Information Modelling in Civil Engineering

You will undergo training in a university with a century-old academic tradition under supervision of distinguished professors, numerous award winners, honored scientists, and industry professionals in construction, widely renowned in Russia and abroad. You will have access to research laboratories, equipped with unique, state-of-the-art, research and educational equipment.

#### **Career opportunities**

Our graduates take competitive engineering and management positions in global companies like Rosatom, Saint-Gobain, Knauf, Sibelco, Strabag and others.

#### **Knowledge areas and key competences:**

- architecture, design and construction;
- mathematical modeling, theoretical and structural mechanics;

- building structures (metal, reinforced concrete, stone, wood and plastic), foundation engineering, soil mechanics;
- modern and advanced building materials and products;
- engineering systems and infrastructure, including design and technical operation;
- construction technology, design of production works and organization of construction;
- project management, pricing and cost estimates, construction quality control, technical regulation;
- informatics in construction, computer modeling, automation of design, and construction management;
- ecology, industrial safety, labor protection;