

## «Calculation and Design of Reinforced Concrete Structures» (Basic course)

Date: July, 24 – August, 6 2023  
Duration: 2 weeks  
ECTS credits: 2  
Participation fee: 29 000 RUB  
Target group: Students of Bachelor's, Specialist's and Master's degrees and postgraduate programs;  
Persons with higher and secondary special education

### Course description

The program introduces the technical and operational characteristics of all types of reinforced concrete structures, allows preparing technical documentation, in accordance with GOST and international standards.

Basic course on design of reinforced concrete structures includes:

- Introduction to ACI 318 design
- Calculations and design of beams
- Calculations and design of structures for transverse forces
- Calculation of bending elements

As a **result of the program**, the listener will acquire the following knowledge:

- basis for designing of reinforced concrete structures in accordance with international requirements;
- main design positions of reinforced concrete structures;
- classic engineering approaches and methods for calculating structures that are not included in Russian standards;
- using regulatory documents and apply them to the design of various structural elements;
- using any standards in design and construction.

**Professor and lecture:** Sophya Pechorskaya – expert in design solutions and innovative technologies in international construction industry, with experience as a chief designer in leading Russian and international companies.

#### The price for each program includes:

- Curriculum
- Handouts
- Excursion on the campus of Moscow State University of Civil Engineering
- Excursions, included in the educational program
- Cultural program (three programs of five)

#### Extra costs:

- Accommodation from 700 rub per day
- Visa support - 800 rub
- Medical insurance - 800 rub

**Deadline for registration: June, 19 2023**

#### Contact Information:

Samakaev Islander  
Tel: +7(926)933-44-99  
E-mail:  
SamakaevIT@mgsu.ru

Harun Mahmood  
Tel: +7(915)139-93-52  
E-mail: HarunM@mgsu.ru

Podzigun Viktoria  
Tel: +7(903)509-66-88  
E-mail:  
PodzigunVK@mgsu.ru

#### Registration

