

« Highway Engineering »

Date: August, 14 – August, 26 2023
Duration: 2 weeks
ECTS credits: 3
Participation fee: 41 000 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

This course gives a wide overview of possible design solutions and technologies used in the design and construction of roads and highways, as well as the ability to implement and feasibility study of design solutions and methods for building roads and highways under the required construction conditions.

The program forms students' ideas about:

- current conditions for the construction of roads and highways using contemporary technologies;
- program forms students' ideas about the principles of designing roads and highways in plan, in a longitudinal profile and in a transverse profile;
- principles of a feasibility study and comparison of route options;
- methods of construction of subgrade.
- methods of calculation and design of pavements;
- methods for calculating culverts.

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

- ability to organize construction project management processes;
- ability to carry out structural, strategic and organizational planning of the project;
- ability to analyze the costs and results of production activities, compiling technical documentation, as well as established reporting in accordance with approved forms.

Professor and lecture:

Harun Mahmoud, associate professor of Reinforced Concrete and Masonry Structures Department, PhD in Engineering.

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, 20 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

