

## «Energy and Resource-saving Technologies in Construction and Production»

Date: July, 3 – July, 8 2023  
Duration: 1 week  
ECTS credits: 1,5  
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

Currently, one of the most relevant areas of development is energy and resource conservation. Knowledge of the basics of energy saving allows you to develop technologies and design equipment, buildings and structures with a high degree of energy efficiency.

The basics of resource conservation are the basic skills of creating technologies with a minimum amount of waste, transferring part of the waste to the class of associated products, and refining the resulting waste to the possibility of their use in various industries.

To implement such ambitious tasks, a competent approach in planning, selection of equipment, methods and work with regulatory documentation is necessary. One of the most important steps is also the theoretical justification and the choice of the direction of recycling and use of waste, which allows the most effective development of technologies using chemical and physical methods of exposure, take into account the environmental and economic effect.

This course is aimed at obtaining special knowledge in the field of waste reduction in production, the use of waste generated or their processing for further use in construction and production.

**Professors and lectures:** Antonina Karlina, candidate of technical sciences.

#### 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, 05 2023**

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#### Registration

