

Features of the program

The educational program **192 Building and Civil Engineering** provides training for civil engineers and takes into account the requirements of the labor market and various qualifications of professions in road, urban, industrial and civil construction.

The peculiarity of the program is the study of modern technologies, methods of calculation and use of applied systems and other applied competencies required by modern specialists in the field of construction and civil engineering. The educational program **192 Building and Civil Engineering** is focused on current needs and trends in the construction industry.

General information

Code and title of field of study: **19 "Architecture and Construction"**

Code and title of specialty (program subject area): **192 "Building and Civil Engineering"**

Language of instruction: **English**

Educational level: **Bachelor**

Duration: **3 years 10 months (8 semesters)**

Number of credits: **240 credits ECTS**

The goal of educational program **192 Building and Civil Engineering** is forming the general and special (professional) competencies, the mastery of which will allow graduates to:

- solve practical problems and specialized complex tasks in the field of construction and civil engineering, including urban planning, design, construction and reconstruction of building sites and highways;
- accompany, organize the implementation of a full range of necessary materials for future construction, organization of construction and execution of works, operation of facilities;
- carry out long-term planning, justification of the need for reconstruction of existing facilities.

List of professional components of the educational program 192 Building and Civil Engineering

- Introduction to Building and Civil Engineering
- Engineering geodesy
- Construction machinery and production base of construction
- Building materials science
- Construction mechanics
- Architecture of buildings and structures
- Building constructions
- Organization and management in construction
- Engineering networks
- Urban planning
- Engineering geology and basics of soil mechanics
- Wood and metal structures
- Automated design systems in construction
- Technology of construction production
- Construction and installation of buildings and structures
- Reinforced concrete structures
- Engineering arrangement of streets and roads
- Fundamentals and foundations
- Maintenance of buildings and road network
- Municipal geographic information systems
- Electrical engineering in construction
- Pricing and budgeting in construction

Contacts:

Ukraine, Lutsk, Lvivska street, 75

inter_ldtu@ukr.net

vmz@lntu.edu.ua

pk@lntu.edu.ua

pcb@lntu.edu.ua