

Building and Civil Engineering

1 course	ECTS
History of Ukrainian society	4,5
Ukrainian for foreign students	8,5
Higher Mathematics	15
Geology and Geomorphology	5,5
Physics	8
Engineering and Computer Graphics	6,5
Engineering Geodesy	3,5
Chemistry	6
Theoretical Mechanics	6
Information and Communication	7
Support of Engineering Activities	7
Educational Practical Training in Geodesy	6

2 course	ECTS
Philosophy	3,5
Cultural Studies	3,5
Structural Mechanics	6
Study of Materials Strength	6
Architecture of Buildings and Structures	9,5
Construction Material Science	9
Educational and Industrial Practical Training	6
Building and Construction	3
Machines and Mechanisms	3

3 course	ECTS
Building Technology and Organizing Construction Operations	8,5
Reinforced Concrete and Stone Structures	12
Term Project in Reinforced Concrete and Stone Structures	0,5
Mechanics of Soil, Bases and Foundations	12
Term Project in Mechanics of Soil, Bases and Foundations	0,5
Metal Structures	8
Urban Planning and Territory Management	3
Sanitary and Technical Facilities in Buildings	3
Industrial Practical Training	6

4 course

Term Project in Metal Structures	0,5
Erection and Installation of Buildings and Constructions	3
Quality Control of Construction Products	3
Basics of Labor Safety	3
Special Construction Geotechnology	3
Computer Designing in Building	6
Engineering Survey	3
Project Budgeting	3
Roads Construction Technology	3
Operation and Maintenance of Buildings and Constructions	3
Subways and Tunnels	3
Civil Security	3
Metal Structures	8