Institute of Architecture and Civil Engineering named after T.K. Basenov
Department of Civil Engineering and Building Materials

THE EDUCATIONAL PROGRAM
8D07308 Production of building materials, products and structures

Code and classification of the field of education: **8D07 Engineering, manufacturing and construction industries**
Code and classification of training directions: **8D073 Architecture and construction**
Group of educational programs: **D125 Production of building materials, products and structures**
Level based on NQF: **8**
Level based on IQF: **8**
Study period: **3 year**
Amount of credits: **180**

Almaty 2026

The Educational Program 8D07308 Production of building materials, products and structures was approved at the meeting of the Management Board of Satbayev University
Minutes No. 5 dated 10th of March, 2026.

Reviewed and recommended for approval at the meeting of the Educational and Academic Council of K.I. Satbayev Kazakh National Research Technical University
Minutes No. 8 dated 26th of February, 2026.

Reviewed and recommended for approval at the meeting of the Educational and Methodological Council of K.I. Satbayev Kazakh National Research Technical University
Minutes No. 3 dated 25th of December, *2026*.

The Educational Program 8D07308 Production of building materials, products and structures was reviewed and developed at the meeting of the Academic Committee.
Minutes No. 2 dated 29th of November, 2025.

4.1. General information

№	Field name	Comments
1	Code and classification of the field of education	8D07 Engineering, manufacturing and construction industries
2	Code and classification of training directions	8D073 Architecture and construction
3	Educational program group	D125 Production of building materials, products and structures
4	Educational program name	8D07308 Production of building materials, products and structures
5	Short description of educational program	The educational program 8D07308 Production of building materials, products and structures includes fundamental, natural science, general engineering and professional training of doctoral students in the field of production of building materials, products and structures in accordance with the development of science and technology, as well as the changing needs of the construction industry.
6	Purpose of EP	The educational program trains personnel focused on scientific, experimental research, pedagogical activities in the field of production of building materials and products, using the latest technologies for the production of products and structures, as well as technologies for the construction and design of industrial and civil construction facilities.
7	Type of EP	New EP
8	The level based on NQF	8
9	The level based on SQF	8
10	Distinctive features of EP	No
11	Education form	180
12	Period of training	3 years
13	Amount of credits	180
14	Languages of instruction	russian, kazakh, english
15	Academic degree awarded	Doctor of Philosophy (PhD)
16	Developer(s) and authors	Tolegenova A.K., Shayakhmetov S.B., Akhmetov D.A.