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

THE EDUCATIONAL PROGRAM
8D07310 Scientific research in building materials science

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 8D07310 Scientific research in building materials science 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 Decmber, *2026*.

The Educational Program 8D07310 Scientific research in building materials science 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	8D07310 Scientific research in building materials science
5	Short description of educational program	The educational program focuses on the training of specialized doctoral students for the construction industry and the field of applied research. The program is aimed at developing professional competencies in the field of development, research, modification, testing and implementation of modern building materials, products and technologies for their production.
6	Purpose of EP	The educational program trains scientific personnel focused on scientific, experimental research, pedagogical activities in the field of reconstruction of existing and search for new technologies and solutions in the field of production of building materials and products, who know and use in practice new international standards in building materials science, as well as novelties in the technology of construction and design of industrial and civil facilities construction.
7	Type of EP	Innovative EP
8	The level based on NQF	8
9	The level based on SQF	8
10	Distinctive features of EP	No
11	Education form	Full time
12	Period of training	3 years
13	Amount of credits	180
14	Languages of instruction	russian, kazakh, english
15	Academic degree awarded	Doctor of Industry
16	Developer(s) and authors	Tolegenova A.K., Shayakhmetov S.B., Akhmetov D.A.