M. Tynyshpayev School of Transport Engineering and Logistics

Field "Transport Engineering"

THE EDUCATIONAL PROGRAM

8D07121 Innovative Development of Transport Infrastructure

Code and classification of the field of education: 8D07 Engineering, manufacturing and construction industries
Code and classification of training directions: 8D071 Engineering and Engineering affairs
Group of educational programs: D210 Transmission System and Infrastructure
Level based on NQF: 8
Level based on SQF: 8
Study period: 3 years
Amount of credits: 180

Almaty 2026

The Educational Program 8D07121 Innovative Development of Transport Infrastructure was approved at the meeting of the Management Board of Satbayev University
Minutes No. 5 dated March 10, 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 February 26, 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 December 25, 2025.

The Educational Program 8D07121 Innovative Development of Transport Infrastructure was reviewed and developed at the meeting of the Academic Committee.
Minutes No. 2 dated November 29, 2025.

Passport of educational program

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	8D071 Engineering and Engineering affairs
3	Educational program group	D210 Transmission System and Infrastructure
4	Educational program name	8D07121 Innovative Development of Transport Infrastructure
5	Short description of educational program	The educational program is aimed at training highly qualified academic, research, and managerial personnel in the field of transport infrastructure. It develops competencies in scientific research, digital and innovative technologies, modelling, diagnostics, project management, and the assessment of reliability, risks, and sustainable development. Graduates are capable of generating new knowledge and methods, developing and implementing innovative solutions, leading research projects, and assessing their long-term impact on the transport system, society, and the environment.
6	Purpose of EP	Training of scientific, pedagogical and managerial personnel capable of developing innovative solutions and managing innovative projects in the field of transport infrastructure.
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	None
11	Education form	Full-time study
12	Period of training	3 years
13	Amount of credits	180
14	Languages of instruction	Kazakh, Russian, English
15	Academic degree awarded	Doctor of Philosophy PhD
16	Developer(s) and authors	Kamzanov N.S., Abdullayev S.S., Tokmurzina-Kobernyak N.A., Dzholdasova K.K.