

«Mukhametzhan Tynyshbayev ALT University» JSC

Department of «Rolling Stock»

Questions for foreign citizens entering doctoral studies in groups of educational programs  
« D147 Transport services»

Decision of the Academic Council of ALT University  
(protocol № 9)



APPROVED  
Chairman of the ALT University AC  
S. Amirgaliyeva

### Interview questions

- 1 The main trends in the development of the transport system in the Republic of Kazakhstan
- 2 The state and features of the development of container transportation in the Republic of Kazakhstan
- 3 Container transportation management concepts
- 4 Automated transport management system (characteristics, management principles)
- 5 Ensuring sustainable transport development
- 6 Ways to improve the level of traffic safety in transport
- 7 Information support of transportation process management systems
- 8 Introduction of new equipment and technology to intensify the transportation process
- 9 Characteristics of theoretical and empirical levels of research
- 10 Classification of scientific research methods
- 11 Methods of processing experimental data
- 12 Mathematical modeling. Form and principles of representation of mathematical models
- 13 Mathematical formulation of the problem of increasing the efficiency of vehicle operation
- 14 A mathematical model for determining the optimal cargo transportation plan, taking into account the limitations of the capacity of railway lines
- 15 Methods of solving transport problem

**Interview questions** was discussed and received a positive decision at the meeting of the department «Traffic Organization and Operation of Transport», protocol No. 8 dated April 17, 2024.

**Head of the Department of  
«Organization of transportation and  
operation of transport»**

Z.K. Bitileuova



**Interview questions** was reviewed and recommended at a meeting of the Council of the Institute "Logistics and Management", protocol No. 5 dated April 22, 2024.

**Chairman of the SI "Logistics and Management"**



**G.S.Musaeva**