



17 February 2022, Warsaw, Poland

POLITECHNIKA WARSZAWSKA  
WYDZIAŁ TRANSPORTU  
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.5.

## Certificate of attendance

This is to certify that

**Nataliia Chernova**

from

**Ukrainian State University of Science and Technology**

attended on-line Master Classes

provided under the ERASMUS+ project *Crisis and Risks Engineering for Transport Services* (CRENG) on 6-10 December 2021 and 14-17 February 2022, organized by Warsaw University of Technology, Faculty of Transport

The following courses were carried out in the frame of Master Classes:

A new approach to transport systems design: anthropometry, user-centered design, universal design, transport accessibility	5 hours
Contemporary issues in global warehousing	5 hours
Global logistics: fundamentals, management, risk managing	5 hours
Optimization of the risk in transportation systems	5 hours
The impact of leadership development on the supply chains performance	5 hours
Prospects for the development of logistics systems in Azerbaijan	5 hours
Humanitarian logistics	5 hours
Risks identification in the operational statistics of failures of the transportation process regulations	5 hours
Advances in global intermodal transport	5 hours
Any Logic for the modeling of logistics systems	5 hours
Risk and crisis forecast, analysis and reduction methods and tools	5 hours
Big Data Technologies for Transportation Systems Managing	5 hours

**In total 60 hours (2 ECTS)**

Associate Prof. Konrad Lewczuk  
CRENG Project Manager

Prof. Marianna Jacyna  
Coordinator of CRENG project

**Warsaw University  
of Technology**

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