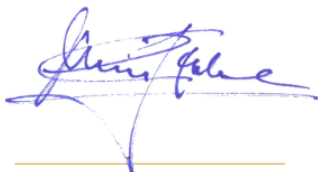


# CERTIFICATE

*Alina Pylypenko*

has participated in the  
Wildau-Kharkiv IT Bridge II  
in the DAAD programme  
"Digital Ukraine: Ensuring academic success in times of crisis (2023)"  
in summer semester 2023  
and achieved the following grade:  
(details on the rear side)

Organization of databases and knowledge bases 95 %  
(Bachelor)



Prof. Dr. Marcus Frohme



Prof. Dr. Igor Grebennik



Prof. Dr. Alina Nechyporenko

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## **About the Wildau-Kharkiv-IT-Bridge (WKITB)**

Wildau-Kharkiv-IT-Bridge (WKITB) is a project in the DAAD programme "Ukraine digital: Ensuring academic success in times of crisis (2023)". WKITB aims to support Ukrainian lecturers and students by providing a digital teaching and learning platform. It brings together 60 lecturers from eight universities in Kharkiv in the field of IT with thousands of students from all over Ukraine.

## **Organization of databases and knowledge bases**

**Credit Points:** 5 ECTS

**Study program(s):** 126 Information Systems and Technologies

The purpose of the educational discipline is to form students' skills in the practical application of existing database management systems; development of effective models of data provision based on the study of the subject area, methods of analysis, search and use of existing database management systems; familiarity with existing database management systems of relational and non-relational types; providing theoretical and engineering training of specialists in the field of designing database management systems

Associate Professor Olha Tiutiunyk  
Simon Kuznets Kharkiv National University of Economics

*The lecturer is responsible for grading and module content.  
This certificate is valid without signature the lecturer.*