

Taras Shevchenko National University of Kyiv
Faculty of Mechanics and Mathematics

CERTIFICATE No. MV-050-2022

This is to certify that

Natalia TYMOCHKO

**has successfully completed the course “DISCRETE MATHEMATICS”
and received a grade of 65 points.**

*Lecturer of the course: **Maryna Viazovska**, Laureate of the Fields Prize, Honorary Doctor of Taras Shevchenko National University of Kyiv, Professor of the Institute of Mathematics, École Polytechnique Fédérale de Lausanne, Switzerland.*

Topics covered: Combinatorics; Inclusion-exclusion principle; Graphs and trees;
Probabilistic method and its applications; Generating functions

Total course time: 120 hours (4 ECTS)

Period: 19.09.2022 - 31.12.2022

Prof. Oksana Bezushchak,
Dean of the Faculty of Mechanics and Mathematics,
Taras Shevchenko National University of Kyiv,



Kyiv, Ukraine
December 31, 2022