



# Taras Shevchenko National University of Kyiv

## Faculty of Mechanics and Mathematics



**CERTIFICATE No. PE-050-2022**

**This is to certify that**

**Kyrylo MYKHALTSOV**

**has successfully completed the course “CALCULUS-I” and received a grade of 61 points.**

*Lecturer of the course: **Pavel Etingof**, fellow of the American Academy of Arts and Sciences, Professor of the Massachusetts Institute of Technology (MIT), Cambridge, United States of America, Chief Research Adviser of MIT-PRIMES, co-founded the MIT Program for Research in Mathematics.*

Topics covered: Basics of set theory; Construction of fields of real and complex numbers; Theory of limits of sequences for real numbers and real vectors; Basics of topology for sets of real numbers and real vectors; Theory of numeric series; Construction of basic elementary functions; Theory of limits of real functions; Continuity and uniform continuity of real functions.

Total course time: 240 hours (8 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**