

Olena Oleksandrivna Yun'kova

Candidate of Physical and Mathematical Sciences, Associate Professor, Professor of the Department of Economics, Finance, and Management
Yahotyn Institute, PrJSC "IAPM"

EDUCATION

Taras Shevchenko National University of Kyiv, specialization – Applied Mathematics, qualification – Mathematician (ИБ №200514)	1981
Candidate of Physical and Mathematical Sciences, specialization – Mathematical Cybernetics (ФМ №029721)	1987
Academic title: Associate Professor (Certificate доцента ДЦ АР №004669)	1987
Professor, International Personnel Academy (Certificate of Professor УЗ №00710)	2006

WORK EXPERIENCE

Associate Professor, Department of Economic-Mathematical Modeling, Institute of Information Technologies in Economics, Vadym Hetman Kyiv National University of Economics	2008-2021
Professor, Department of Mathematical Modeling and Statistics, Institute of Information Technologies in Economics, Vadym Hetman Kyiv National University of Economics,	2022 – present
Professor, Department of Economics, Finance, and Management, Yahotyn Institute, PrJSC "IAPM" (part-time)	2003 – present

ACADEMIC DISCIPLINES TAUGHT

1. Higher Mathematics
2. Information Systems and Technologies

MAIN SCIENTIFIC PUBLICATIONS

1. Kucher P. V., Yun'kova O. O. Transformation of the Food Delivery Market During the COVID-19 Pandemic in Ukraine // *International Science Journal of Management, Economics & Finance*, 2024, Vol. 3, No. 1, pp. 38–46.
2. Kucher P. V., Yun'kova O. O. Modeling the Dynamics of the Hair Care Product Market During the COVID-19 Pandemic // *Problems of Modern Transformations. Series: Economics and Management*, 2024, No. 13.
3. Kucher P. V., Yun'kova O. O. Modeling the Dynamics of Pandemic Spread in Ukraine // *Achievements in Science*, 2024, No. 4.
4. Kucher P., Yun'kova O. Forecasting the Dynamics of the Vitamin Market Using Neural Networks // *Science and Technology Today*, 2023, Vol. 3, No. 17, pp. 110–120.
5. Kulyan V. R., Korobova M. V., Yun'kova O. O. Sensitivity of Solutions in Investment Dynamics Modeling // *Bulletin of Taras Shevchenko National University of Kyiv. Series: Physical and Mathematical Sciences*, 2022, Issue 4, pp. 51–54.
6. Kulyan V. R., Yun'kova O. O. Mathematical Problem of Diversifying Bank Assets // *Bulletin of Taras Shevchenko National University of Kyiv. Series: Physical and Mathematical Sciences*, 2021, Issue 1, pp. 81–85.
7. Kucher P. V., Yun'kova O. O. Modeling and Forecasting Commodity Markets Based on Decomposition Method // *Modeling and Information Systems in Economics: Collection of Scientific Works*, 2021, Issue 101, pp. 182–191.

8. Volodko T. O., Yun'kova O. O. Forecasting Internet Course Popularity Using Machine Learning Methods // *Modeling and Information Systems in Economics: Collection of Scientific Works*, 2021, Issue 101, pp. 169–181.
9. Kulyan V., Yun'kova O., Korobova M. Optimal Stock Portfolio Diversification under Market Constraints // *Systemic Research and Information Technologies*, 2020, No. 1, pp. 3–11.
10. Kucher P. V., Yun'kova O. O. Modeling the Dynamics of the Drug Market Using a Varicose Vein Medication as an Example // *Scientific Bulletin of Kherson State University. Series: Economic Sciences*, 2020, Issue 40, pp. 73–81.
11. Kulyan V., Korobova M., Yun'kova O. Optimal Stock Portfolio Diversification under Market Constraints // *Systemic Research and Information Technologies*, 2020, No. 1, pp. 90–97.
12. Kucher P., Yun'kova O. Impact of the Coronavirus Pandemic on Various Sectors of Ukraine's Economy // *Topical Aspects of Modern Scientific Research: Materials of the IX International Scientific-Practical Conference* (Tokyo, 16–18 May 2024), pp. 642–646.
13. Kucher P., Yun'kova O. Cluster Analysis of Commodity Markets During the Pandemic // *LXVII International Scientific and Practical Conference: Science 2024: Research and Innovation*, Materials of International Internet Conference (Chicago, USA, 11–12 April 2024), pp. 51–55.
14. Kulyan V. R., Yun'kova O. O., Korobova M. V. Analytical Approach to Solving the Optimal Investment Problem // *World of Scientific Research: Materials of International Multidisciplinary Internet Conference* (Ternopil, Ukraine – Opole, Poland, 23–24 April 2024), ed. O. Patryak et al., Ternopil: FOP Shpak V. B., 2024, Issue 29, pp. 28–30.
15. Kulyan V., Korobova M., Yun'kova O. Choosing the Optimal Portfolio Structure // XXXIX International Conference “Problems of Decision Making Under Uncertainties (PDMU-2024)” (Brno, Czech Republic, 9–10 September 2024), pp. 82–83.

SCIENTIFIC AND PUBLIC ACTIVITY (IF ANY)	
None	
ADDITIONAL INFORMATION (IF ANY)	
Completed online courses “GOOGLE DIGITAL TOOLS FOR EDUCATION”, Certificates NoGDTfE-01-12694 (08.08.2022, basic level – 30 h), NoGDTfE-01-C-09540 (15.08.2022, intermediate level – 15 h), NoGDTfE-01-P-03599 (22.08.2022, advanced level – 15 h)	2022
Completed courses at Vadym Hetman Kyiv National University of Economics, Anatoliy Poruchnyk Educational-Scientific Institute of Business Education, Certificate No. 0754, program “Teaching Excellence”, training modules: Presentation Computer Design; Digital Tools for Creating Educational Content, 20.06.2023, 60 h	2023
Completed courses at Vadym Hetman Kyiv National University of Economics, Anatoliy Poruchnyk Educational-Scientific Institute of Business Education, Certificate No. 2328, program “Introduction to Data Science”, 15.06.2024, 180 h (6 ECTS credits)	2024