Specialization

Insurance and finance mathematics

Specialty Mathematics

The direction of training is aimed at researching and developing methods for analysis and forecasting

Dynamics of financial markets and systems.

Students study:

- Statistical methods in risk insurance.
- Mathematics of the stock market.
- Fundamentals of Financial Mathematics
- Forecasting and filtering.
- Stochastic differential in financial mathematics.
- Functional-oriented computer facilities and systems.
- Optimization of structures and algorithms.
- Methods of mathematical economics.

Masters of specialization "Insurance and Financial Mathematics" are engaged in development

Integrated financial models and tools, risk management systems in banking, IT

Sectors, departments of analytics of all spheres of business.

Opportunities:

- Double degree at the university's master's level

Ulm, Germany and Man, France

- Internship at universities in Berne and Basel, Switzerland and Oslo, Norway.
- Obtaining an educational qualification degree in Doctor of Philosophy.

Issuing Department:

Department of Mathematical Analysis and Probability Theory http://matan.kpi.ua/uk/

Head of prof. O. Klesov;

Among the teachers of the departments of mathematics: 14 doctors of sciences and 73 candidates of sciences.