

GRADUATE PROFILE

Computer Science and Econometrics – studies of second degree

The graduate acquires knowledge essential for advanced analysis of economic phenomena on both microeconomic and macroeconomic scale. This field of study trains specialists in the following areas: design and implementation of IT systems and databases in administrative and economic organizations, providing consultancy services which require analytical abilities and use of mathematical, statistical, econometric and information technology tools.

Specialisation: business analytics

The graduate acquires skills which allow him or her to use multimedia in business and ERP business management systems. The graduate has in-depth knowledge of multi-criteria decision analysis, financial market analysis, and investment project management. Employment prospects: graduates of this specialisation can find employment in consultancy companies, in centers for enterprise management or in economic and administrative organizations.

Specialisation: statistics and econometrics

The graduate of this specialisation has in-depth knowledge of constructing econometric models, carrying out statistical analysis, and reaching statistical conclusions. During the course the graduate deepens his or her knowledge and skills of using information tools needed to carry out computer simulations and statistical analysis of economic problems. Employment prospects: graduates of this specialisation can find employment in centers for processing economic information, or in centers for enterprise management. They can also find employment in public administration and in units for planning and forecasting development of economic phenomena.

Specialisation: information systems

The graduate of this specialisation acquires skills required to design and implement advanced information systems and databases in economic and administrative organizations, to develop computerization strategies for these organizations, he or she acquires skills to solve optimization problems, construct algorithms and analyze their computational complexity, as well as skills of modeling and carrying out computer simulations.

Employment prospects: graduates of this specialisation can find employment in computer companies, IT centers or in research institutions which use information technologies.