GRADUATE PROFILE

Computer Science and Econometrics – studies of first degree

The graduate demonstrates knowledge of economics, management and finance, information systems, and statistics and econometrics. This field of study trains specialists in the following areas: design and application of information systems, management of an entrepreneur, application of mathematical, statistical and econometrical methods and tools to analyze macroeconomic and microeconomic processes. Studies of first degree prepare its graduates for studies of second degree, where they can master in many fields and specialties, for example a new specialty of business analytics studied in the field of computer science and econometrics.

Specialisation: business analytics
During the course the graduate acquires skills which prepare him or her to work in areas where information technology and business merge. The graduate has knowledge of data processing and visualization, and knowledge of dynamic reporting. He or she is able to prepare a business plan and carry out an economic analysis of an investment project, knows technologies, solutions and tools used for data analysis in business. Employment prospects: graduates of this specialisation can find employment as business analysts in centers for economic data processing or in enterprise management departments of a company.

Specialisation: statistics and econometrics
The graduate has knowledge of economics, management and statistical formulation of economic problems, knows how to solve and analyze them using computer techniques, and how to use computer based statistical packages in the areas mentioned above. Employment prospects: graduates of this specialisation can find employment in centers for economic information processing or in centers for enterprise management.

Specialisation: information systems
During the course the graduate acquires skills required to prepare a strategy of creating an information system in a company, to create - in cooperation with other professional groups – user-oriented information systems. The graduate has skills that enable him or her to use economic knowledge to solve a wide range of problems of businesses and institutions, skills to design and use databases, and computer systems which facilitate decision making, and skills to organize and manage information systems services in institutions and companies, and is able to improve professional skills on his or her own. Employment prospects: graduates of this specialisation can find employment in computer companies and IT centers.