Applied Informatics in Economics of enterprise and industry

National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)

Degree or qualification is awarded: **Bachelor degree**

Language of study: **Russian**
Mode of study: **full-time, part-time**
Duration: **4 years**
Availability of free education: **yes**
Price: **72 150 – 138 400 rubles per semester**

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The goal of the programme is prepare students able to see the role of personal responsibility towards society and humanity for the results of own activity; able to own a systematic methodology and technology of analysis and information management in scientific, industrial and socio-economic systems; able to understand methods and tools of information technology justification, creation and operation of information systems for various purposes, which contributes to social mobility and the sustainability of graduates in the labour market.

The area of professional activity

Development of requirements for the creation and development of information systems and their components at all stages of the life cycle; feasibility study of design solutions; development of projects of automation and computerization of applied processes and creation of IP at applied fields; realization and implementation of design solutions using modern information and communication technologies and programming technologies; Informatization project management of enterprises and organizations; training and consulting to solve theproblems; maintenance and IP exploitation. The automate quality assurance of solving the problems of creation of information systems.

Specializations within this programme

Objects of the professional activity

Research and information processes; Information Technology; information and knowledge management systems, economic and mathematical models for the theoretical and experimental study of objects and processes in the field of economics and computer science from a single workstation to enterprises and industries.