

Business Informatics in High-Technology 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**

Duration: **4 years**

Availability of free education: **yes**

Price: **105 820 rubles per semester**

Programme webpage at the university website:

http://eis.mephi.ru/AccGateway/index.aspx?report_url=/Accreditation/program_annotation&report_param_pid=187

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Field of study: "Business Informatics".

Duration of training: 4 years, 240 credits; for the abbreviated form, 3 years, 180 credits.

Course delivery language: russian & english.

Basic department: Economics and Management in Industry (No. 71).

The program of continuous training: Bachelor's Degree – Master's Degree – Post Graduate.

The educational program "Business Informatics in High-Technology Industry" corresponds to the research educational trajectory, allowing uninterrupted (pass-through) training: the purpose and specifics of economic education at the EAI: development of mathematical and instrumental methods in economy and management, business-process modeling and management of corporate information, strategic forecasting and management of innovative projects under the conditions of globalization of economics, finances, and business.

In the training process, students learn to manage huge program pack for business process modeling and management (ARIS, BOSS-CORPORATION, Project Expert, Primavera, SAP, Metastock etc.). One of conditions for enhancement of the financial and economic block of big companies and high-technology holdings, such as the state corporations "Rosatom", "Russian Technologies", and others, consists in transferring economic departments from format accounting to economical and analytical accounting on the basis of the latest information technologies. Information technologies in the economic sector, which is referred to the driving forces for country modernization and is in great need in highly professional manpower, are trained by the EAI.

The occupational category for Bachelors includes:

- designing the business architecture for companies of any proprietary form;
- planning the strategy of information systems and developing information communication technologies of company management;
- organizing the life cycle process of company management;
- analytically supporting the decision-making process for company management.

The educational program provides educational and manufacturing practice at high technology companies, including State Atomic Energy Corporation "Rosatom" (Rosenergoatom Concern, Atomstroyexport, Techsnabexport, Dollezhal Research and Development Institute of Power Engineering, GreenAtom, etc.) also in a row of commercial structures, for example, JSC Audit-Consulting Group Business Systems Development, included in the Crowe Horwath International, in big banks, and insurance companies.

Training of bachelors assumes participation of students and graduates in implementation of federal and industrial

programs, for example, "Information-Oriented Society (2011-2020)", "Program of Innovative Development of Rosatom", "Research and Development in the Priority Directions of the Development of the Scientific and Technological Complex of Russia for 2007-2013", "Programs of Transformation of Information Technologies of Rosatom for 2010-2014", etc.

Specializations within this programme