

# Mathematical and Economic Modeling in Business

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=182](http://eis.mephi.ru/AccGateway/index.aspx?report_url=/Accreditation/program_annotation&report_param_pid=182)

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**Field of study:** "Economics".

**Duration of training:** 4 years, 240 credits.

**Course delivery language:** russian & english.

**Basic department:** Management of Business Projects (No. 71).

**The program of continous training:** Bachelor's Degree-Master of Science-Post Graduate.

Targets and specificity of economic training at the EAI: learning of mathematical and instrumental methods in economics and management, modeling of business process and corporative information management, strategic forecasting and innovative project management under conditions of economic globalization, finances and business.

Major government and commercial companies associated with high technology business hire EAI graduates with pleasure. Graduates manage huge program pack like ARIS, BOSS-CORPORATION, Project Expert, Primavera, SAP, Metastock, etc.

One of the conditions for developing financial economical cluster of major companies and a high technology holding company like State Atomic Energy Corporation "Rosatom", "Rostec", and others is conversion of companies economic services from accounting to economic analytic format based on the newest information technologies. Information technologies are the economic sector which is referred to the driving force of country modernization and is badly in need of highly professional manpower trained by the EAI.

The education 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 Crowe Horwath International, in big banks and insurance companies.

Bachelor's training implies participation of students and graduates in implementation of a number of federal and industrial programs, for example, "Information-Oriented Society (2011-2020)", "Program of Innovative Development of Rosatom", "Research and Developments for Priority Development Directions of the Scientific and Technological Complex of Russia for 2007-2013", "Programs of Transformation of Information".

## **Specializations within this programme**