

# Enterprise Information Systems of Management in High-Technology Industry

National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)

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

Language of study: **Russian**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **yes**

Price: **155 610 rubles per semester**

Programme webpage at the university website:

[http://eis.mephi.ru/AccGateway/index.aspx?report\\_url=/Accreditation/program\\_annotation&report\\_param\\_pid=199](http://eis.mephi.ru/AccGateway/index.aspx?report_url=/Accreditation/program_annotation&report_param_pid=199)

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**Program target:** training high level professionals possessing modern information technologies and economical and mathematical research methods for modeling business process and corporative information management, strategic forecasting and innovative project management under conditions of globalization of economics, finances, and business. The area of professional activity of masters includes economic and analytical enterprises and company services of various knowledge-intensive branches and with any form of ownership, related to application of economic-mathematical modeling and forecasting of processes in the economics and industry, commercialization of development and technologies, and formation of strategic development plans. Specificity of training at the EAI: learning of the deep correlation of economic, natural, judicial, and political knowledge.

The program provides receiving of necessary competences for modeling of corporate information architecture and corporate information management based on project decisions in the IT area, development of projects of automation of applied processes and IS creation in various areas, information support of the life cycle of hi-tech products, support of information systems of planning, accounting, and control of the manufacturing and financial resources of enterprises according to recommendations of the international ISO standards.

Much attention is given to training of competitive manpower for innovative development of high technology industry under conditions of globalization of economics, finances, and business.

Part of the curriculum is also implemented in English.

Research scientific work of masters is oriented on basic and applied research aimed at creating and implementing knowledge-intensive product in the innovative economics using modern information technologies and information systems.

**Program manager:** A. I. Guseva, Professor, Doctor of Technical Sciences, corresponding member of the Russian Academy of Natural History, acting director of the EAI, the co-author of more than 250 research and methodical works including certificates of electronic educational resources.

## Specializations within this programme