

Accounting, Analysis, and Audit

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: **145 470 rubles per semester**

Programme webpage at the university website:

http://eis.mephi.ru/AccGateway/index.aspx?report_url=/Accreditation/program_annotation&report_param_pid=188

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Objectives of the program: Training of economists the fundamental knowledge and skills of research work formed the competence of managers and specialists in the field of accounting methodology, economic analysis, internal control and audit, adaptation of Russian accounting and auditing requirements of international standards, introduction of modern accounting methods in management practices economic entities.

Area of professional activity: financial, economic, production, economic and analytical services organizations in different fields and forms of ownership; public authorities at various levels; the structure of internal control and audit; banks; audit and consulting company; tax inspections; academic and institutional research organizations; educational institutions of higher and secondary vocational education.

Features of the curriculum: The program differs practice oriented approach, designed both recent graduates and those who already have work experience. The curriculum includes such subjects as "The financial environment of business and business risks", "Corporate", "Internal Control", "Corporate reporting", "Economic analysis and evaluation of business processes", "Tax Planning", "Evaluation business and management cost factors "and others. Much attention is paid to the study of software products for automation of accounting, calculation of economic indicators and audit. Part of the curriculum is also implemented in English.

1. The general scientific module - general scientific module is designed to enhance the intellectual and cultural level of the masters; to form the ability to independent research; to develop the skills of taking organizational and administrative decisions; and the ability to use a foreign language as a means of professional communication fluently; to form and develop the skills of public and scientific speech. In order to master these skills the following disciplines are introduced in the general scientific module: History and methodology of economics; Modern computer technology in accounting, economic analysis, finance and audit. General scientific module is designed for the masters to form and develop the ability to synthesize and critically evaluate Russian and foreign authors research; to identify promising areas, to develop a research program; to develop the ability to conduct independent research and present their results in the form of an article or report; to form the ability to evaluate the effectiveness of the projects taking into account uncertainties, to develop strategies for the behavior of economic agents, to forecast the main socio-economic indicators of the company. In order to master these skills the following disciplines are introduced in the professional module : Macroeconomics (Advanced Level), Microeconomics (advanced level), Econometrics (Advanced Level). In addition, the module includes a general scientific optional disciplines: The tax system of the Russian Federation; Stocks and bonds market; Marketing Management; The financial environment of business, and business risks.

2. Professional Module - Professional module is designed to build and develop the ability to acquire independently (including information technology) and use in practice new knowledge and skills, including new areas of knowledge that are not directly related to the field of activity; to build skills of evaluating the projects effectiveness taking into account the uncertainty factor; to develop skills for analytical material preparation to assess measures in the field of economic policy. In order to master these skills the following disciplines are introduced in the professional module: Financial Accounting, Corporate Law, Corporate reporting, economic analysis and evaluation of business processes, Audit, and others. In addition, the professional module includes optional courses: Managerial Accounting, Cash

Management, Accounting for foreign trade, Internal control, Tax planning, Financial markets and financial intermediaries, and others.

The module includes professional and scientific-research work intended to form and develop masters' ability to do independent research, critical analysis of the scientific literature on a selected area; to develop skills necessary to find project solutions independently taking into account the factor of uncertainty, to develop appropriate methodological and regulatory documents, as well as proposals and activities designed to implement the projects and programs; identify promising areas, make a research program; to develop the ability to prepare analytical material for evaluation of activities in the field of economic policy and strategic decision-making at micro and macro levels; to form the ability to develop options for management decisions and justify their choice based on the criteria of socio-economic benefits; to develop ability to independently carry out training tasks and develop solutions in the field of financial management organization taking into account the factor of uncertainties.

Also, masters' practices are included in this module. During the training they have training and internship (pre-diploma) practice. They are held in order to introduce and gain experience of independent use of the knowledge gained at the university. Internship (undergraduate) practices are carried out in order to familiarize students with the organizational structure and the organization's management system -the base of practice, the basic functions of production and management units, the main types and objectives of future professional activity, as well as gain experience and professional skills. In addition, during the internship (pre-diploma) practice factual information for the preparation of final qualifying work (master's thesis) is collected.

At the end of this module the state final examination is taken. It is intended to form and develop the master's ability to do scientific research in the chosen field; financial information analytical skills, and financial justification of the decisions; to develop computer information processing skills; and the ability to draw up the results of research in the form of a thesis.

The list of enterprises for practice and employment of graduates: the State Atomic Energy Corporation "Rosatom" and its subsidiaries, the Federal Service for Financial Monitoring; The Federal Service for Financial and Budgetary Supervision, the Federal Tax Service in Moscow, ZAO "KPMG" Company PwC, Ltd. "FBC", LLC "Rödl & Partner. Audit services ", LLC "STACK-AUDIT ", OJSC Sberbank, OJSC "URALSIB ", VTB, and others.

Specializations within this programme

Economics

Objects of professional activity: Development of concepts, policies and strategies for financial, administrative and tax account with the use of modern computer technology, the formation of the consolidated financial statements, the assessment of business performance. Professional activities: research, design and economic, analytical, organizational, administrative, pedagogical.