

Abstract of the educational program of the magistracy

Direction of preparation 38.04.02

Nuclear Technology Management

The master's program "Nuclear Technology Management" is accredited by the International Atomic Energy Agency (IAEA) and has been implemented since 2016 within the framework of the IAEA International Academy of Nuclear Management.

The language of instruction is English

Term of study -2 years

The goals of the program: to prepare masters with managerial and technical competencies for successful work in the field of state and corporate governance, international cooperation, engineering and reengineering of business processes in the field of perspective nuclear energy technologies, and the interests of the global business of State Atomic Energy Corporation Rosatom. The list of professional competencies developed by the IAEA includes four groups: the law and economic infrastructure of nuclear energy, technology, economics and management, and leadership.

Features of the curriculum: The advantage and specificity of the educational process is its interdisciplinary nature, the study of modern and perspective nuclear technologies, international scientific and technological cooperation, the newest instruments for financial and economic analysis, strategic planning and innovative development management, taking into account the specifics of the nuclear industry. Education fully on English

Graduates acquire competencies to solve a wide range of problems, including information-analytical, administrative-managerial and innovative activities in the field of enhancement organization processes, implantation results of scientific and technical research into the real sector of the economy and commercialization of development and technologies. The research work of students is carried out in close connection with the areas of activity of potential employers, including research, design and production enterprises of the nuclear industry and international organizations (IAEA, World Nuclear University, International Center for Theoretical Physics, etc.).

The program provides broad cooperation between universities - members of the International Academy of Nuclear Management, including the joint realization of

individual courses, the exchange of students and teachers, mutual audits and student forums.

The objects of professional activity of the graduate are associated with management processes in national and international organizations of the nuclear industry of various institution forms; processes of state and corporate governance; research processes in the field of nuclear energy.

Upon successful graduation, students receive a state diploma of the established standard and an IAEA certificate certifying compliance of the program with IAEA requirements developed by the International Academy of Nuclear Management.