

## Master Program

# Management in Nuclear Industry

**Goal of the Program:** The program is intended to prepare master degree graduates who are able to work successfully in the field of public administration and corporate governance, business process engineering and reengineering for purposes of modern high-tech nuclear industry enterprises, with an accent on latest management techniques in nuclear technologies, nuclear science and nuclear industry specifics. The program covers four competency areas developed by international experts of IAEA: technology, leadership, management and environment.

**Area of Professional Activity:** The program prepares graduates to work in organisations of all legal forms, performing both leading and executive roles in various services of managerial apparatus, for managerial activity in all governing boards of public administration, entrepreneurial and organisational activities, executive jobs in private business and R&D organisations.

**Distinctive Features of the Curriculum:** This program is developed within the International Nuclear Management Academy framework and is endorsed by IAEA. Program involves collaboration among International Nuclear Management Academy members, joint implementation of certain courses, student and teacher exchange, peer review missions and student forums.

The educational process is based on interdisciplinary approach to students' training that includes natural sciences, international law, finance and economics, communication techniques for leadership, strategic management, high-tech and information technology.

Graduates are equipped with advanced tools for financial and economic analysis, continual operations improvement, strategic problem solving and technology commercialization.

The students' research work is hardwired to areas of activity of potential employers. Some students receive international scholarships and internships.

Upon completion of the program, graduates receive an official document certifying compliance of the program to IAEA requirements, imposed by the International Nuclear Management Academy.

**Internship and Career Opportunities.** Graduates work at various levels of administrative and industrial organisations, including nuclear project and manufacturing facilities and international organisations (IAEA, WNU, ICTP etc.).