

27.03.03 Systems Analysis and Management

Systems Analysis and Life Cycle Management

Program objective:

To provide for profound knowledge and deep skills of technological area, which requires design and operation using the principles, methods and being aware of ontology of human activity based on system analysis, management, modeling, production and operation of technical systems, objects, instruments and devices for various purposes.

Curriculum

- mathematical, natural science and humanitarian subjects
- professional disciplines:

systems analysis, data optimization and decision making; systems modeling, systems theory and programming technology (web application programming); organization management, management of large-scale systems; quality control; fundamentals of innovation theory ; art of strategy, R&D management, business planning of venture projects, risk management, methodology and practice of institutional management.

Practical training

Nuclear industry enterprises and organizations

Students who have shown strong analytical skills and the ability to undergo independent research have an opportunity to participate in research activities of Department of Strategic Planning and Methodology of Management.

Career opportunities

System analysts, research analysts, managers at analytical and information departments of industrial enterprises, research centers, commercial organizations, educational institutions and social welfare.