27.04.03 Systems Analysis and Management

Artificial Systems Engineering

Program objective

To train Systems Engineer –

a highly qualified specialist who is able to manage, develop and implement projects for the systems analysis of complex technical systems based on modern information technologies; apply modern technologies for creating complex complexes, control the quality of developed control systems; analyze risks and calculate the priorities of alternative solutions in project management; assess the economic costs of projects to create complex engineering objects; manage requirements at all levels of the system hierarchy.

Curriculum features

- Design and architecture of organizational and technical systems
- International standards in project management
- Requirements analysis and management
- Verification and validation
- Design and architecture of organizational and technical systems
- Risk analysis and management methods
- Organization theory and organizational behavior