

Brief Description of the Program

Jobs

A specialist in applied information science is a highly qualified specialist carrying out management of company's IT infrastructure, IT projects, corporate information resources, and information services. They deal with complex technical problems, rapidly changing software packages, platforms and standards. They coordinate the work of technical staff, monitor the work of information systems that directly affect business, revenues and profits. Such a specialist is able to carry out activities in the field of information technology, requiring analytical, managerial and project skills.

Educational Process

Graduate students do the full course of developing information resources, Internet entrepreneurship, basics of automating enterprise information systems. Interactive practical classes and laboratory work which implies use of modern computer equipment and network devices help students master the profession. Participation in conferences, competitions of innovative projects and developments, communication with potential employers, master classes conducted by leading IT specialists form professional competencies of future IT specialists. Along with in-class learning, electronic learning environment is used.

Disciplines

- ✓ Architecture and services of enterprise computer networks
- ✓ Open education technologies
- ✓ Information management
- ✓ Methodology and technologies for designing information systems
- ✓ Development of information resources
- ✓ Corporate information systems in education
- ✓ Internet entrepreneurship
- ✓ Automation of enterprise information systems

Practical Training

Students undergo practical training in public and private companies, work for Internet providers, web development companies, educational institutions. Graduate students gain experience in applying modern methods and tools of applied informatics to automate the solution of applied problems of various classes and in creation of information systems; experience in designing architecture and services of information systems of enterprises and organizations; experience of adapting modern information and communication technologies to the tasks of applied information systems; experience in making effective design decisions in the face of uncertainty and risk.

Career

Program graduates will be able to manage project informatization in enterprises and organizations; carry out research and development of effective methods for implementing information processes and building IS; model applied and information processes; train and consult in the automation and informatization of application processes and introduction of IS.

Graduates can work in senior positions in IT departments of financial and economic institutions, educational centers, private companies, state and municipal administrative bodies.