

Federal State Autonomous Educational Institution of Higher Education
Peter the Great St. Petersburg Polytechnic University

PASSPORT OF THE EDUCATIONAL PROGRAM

38.03.05_01 «Enterprise Architecture»
in the direction of training
38.03.05 «Business Informatics»
Qualification: Bachelor

St. Petersburg

Description of the educational program

Currently, the development of almost any company is inextricably linked with digitalization of business based on various information technology solutions. As a consequence, one of the most critical tasks for an enterprise in a competitive market environment is to create control system based on a whole complex of information systems and technologies. The educational program "Enterprise Architecture" is aimed at creating a set of key competencies of graduates for the successful implementation of information and technological, reorganization and complex architectural projects for the development of companies.

Profile disciplines

- Enterprise architecture
- Modeling of business processes
- Project management
- IT service management
- Innovation management
- Subject-oriented information systems
- Web technologies
- Decision support systems
- Management of the life cycle of information systems
- Investment management in corporate architecture

Graduate professions

- Business analyst
- Specialist-consultant on information systems
- System integrator
- Manager / head of IT projects
- Business / IT architect
- Specialist of the department of organizational development

Examples of graduation work topics

- Development of a business intelligence application to assess the performance of an organization traffic at regulated intersections of the road network before and after optimization for the company "A + S"
- Automation of project management at the company "Ralph"
- Selection and implementation of an electronic document management system at the enterprise LLC "TeploEnergoProf"
- Implementation of MS Analysis Services BI solution for profitability analysis of activities of the Northern Capital Gateway company (on the MS SQL platform Server)
- Justification of the need to integrate automated banking systems Head Office and Branch Network of a Commercial Bank
- Implementation of the Bitrix24 CRM system (for example, Media Plus JSC)
- Development of a regional service for making an appointment with a doctor in the CHI system on the platformN3: Healthcare at Netrika
- Implementation of an electronic document management system in PJSC "BFA Bank"

Research projects

RSF 2019-2021: Digital transformation of Russian business: development of theory and methodology (Supervisor Ilin I.V.)

RFBR 2019-2021: Increasing the economic efficiency of the management of medical organizations in conditions of the digital economy (Supervisor Ilin I.V.)

RFBR 2019-2019: Theories, methodologies and techniques for predicting economic development by autoregressive models of complex variables (Supervisor Svetunkov S.G.)

Scientific laboratories

Research Laboratory of Digital Technologies in Education and Business

Partners

Corus Consulting GC

<https://korusconsulting.ru/>

LLC «Dialog IT»

<http://www.dialogit.ru/>

LLC «Nauka».

<https://sbis.ru/>

Контакты

Адрес электронной почты: ilyashenko_oyu@spbstu.ru

Телефон: +7 (812) 591-67-23