

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

PASSPORT OF THE EDUCATIONAL PROGRAM

38.04.05_02 «Business Engineering» (international educational program)
in the field of training
38.04.05 "Business Informatics"
Qualification: Master

St. Petersburg

Description of the educational program

Success in modern business is inconceivable without Information Technologies. The use of modern information systems and technologies eliminates routine, speeds up communications, simplifies supply chains, and makes it possible to make effective management decisions.

The program aims to train professionals in modern business management with a focus on information technology (IT) using advanced theoretical and practical advances in management and IT.

To achieve success in the development of complex enterprise management systems of various industry orientations, we offer the study of the following disciplines, which are supported by the standards and technologies of enterprise management widespread in the Russian Federation and around the world (project management method PRINCE2, SAP ERP, Project Expert, Business Studio, MS Project, ITIL).

Classes are taught by qualified, certified university teachers, invited professors from European universities, practicing specialists from leading companies in St. Petersburg. Students study on the case studies of real companies.

Key features of the program

The program has a double degree agreement with the Lappeenranta University of Technology (LUT, Finland), thanks to which some students, based on the selection results, have the opportunity to study in Finland and, as a result of the program, receive two diplomas at once.

Profile disciplines

- Corporate Information Systems (in English)
- IT Service Management (in English)
- Data Warehousing and Business Intelligence (in English)
- Electronic and Mobile Business (advanced level in English)
- User interface design (in English)
- Software Engineering (in English)
- Quality management of software development and implementation (in English)

Graduate professions

- Director of Business Development
- CIO
- Head of IT department
- Information systems implementation project manager
- Head of the project office
- Head of Organizational Development Department
- Business analyst
- Business architect
- Business Process Optimization Specialist
- System integrator

Examples of graduation work topics

- Using a product and service approach to develop a methodology for managing business and information architecture in a newly created company

- Design and creation of an information system for operational production management
- Development of a project for the implementation of an information system for managing discrete production and distribution of a small business company
- Development of an approach to reengineering business processes and organizational structure of a project-oriented company
- Analysis of the relationship between the characteristics of IT projects and the use of approaches to the development and management of product requirements
- Modernization and implementation of a production operational management system
- Research of approaches to using cloud services to support software development projects
- Application of Agile Methodologies in Technology Development Project Management
- "Internet of Things"
- Development of an IT architecture model for educational process management in educational institutions

Research projects

Reengineering project of the organizational structure in the subdivision of SET LLC

Project on the formation of requirements for IT services of the information system supply module in LPM-System LLC

Project for the implementation of the 1C: MES: Operational production management system at LPM-System LLC

Project for the audit of the compressed air supply system at the State Unitary Enterprise "Petersburg Metro"

Project for the audit of business processes "Preparation of technical requirements" and "Drawing up technical specifications" in the State Unitary Enterprise "Petersburg Metro"

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.)

Scientific laboratories

Research Laboratory of Digital Technologies in Education and Business

Partners

LLC «SAP CIS»

<https://www.sap.com/cis/>

Korus Consulting GC

<https://korusconsulting.ru/>

Novartis

<http://novartis.com/>

LLC «Dialog IT»

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

LLC «Nauka»

<https://sbis.ru/>

Group of clinics «SOGAZ MEDICINA»

<https://www.sogaz-clinic.ru/>

GET IT

<https://www.myget-it.com/management>

LLC «Netrika»

<https://netrika.ru/>

Contacts

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