

Achievements of study programmes of the «Business informatics» cluster

The quality of the implementation of the educational program.

The university has created and successfully operates a guarantee system of the quality of the implementation of educational activities and training of students for accredited cluster programs, including subsystems for designing and coordinating programs with all stakeholders; monitoring the quality of student training, including entrance examinations, current control of progress, interim and state final attestation; improving educational programs based on satisfaction feedback on the quality of educational programs. The functioning of the quality assurance system is fully provided with information support.

The effectiveness of the implementation of the BEP of cluster "Business Informatics" is ensured by:

- use of cases developed jointly with the leading industry and IT companies of St. Petersburg in teaching;
- involvement to the teaching the disciplines of the program of teachers of the Graduate School with international certification, and teachers with practical managerial experience in industry and IT companies;
- attracting students to research and project activities, in accordance with the needs and issues of business development in various fields.

1. Providing relevant educational content.

The relevance of the content of the main educational programs of the cluster is ensured by the annual updating of the work programs of disciplines, practice programs and training resources in accordance with the current state of the economy, as well as the current and prospective requests of employers. The update involves specialized practitioners, representatives of research centers and professional communities.

Independent surveys are conducted annually on student satisfaction with the quality of educational programs, as well as teacher surveys.

2. Personnel (teaching staff competence)

The educational process in the cluster "Business Informatics" is provided by the faculty in an amount sufficient for high-quality training of graduates. The faculty of the Graduate School of Management and Business involved in the implementation of the disciplines of the direction "Business Informatics" includes 4 doctors of sciences, 22 candidates of sciences, 10 senior teachers, 9 assistants, teachers from other Institutes and Graduate Schools of SPbPU, as well as practitioners from among the leading IT

specialists. Graduate School of Management and Business assistants undergo postgraduate training.

For bachelor's programs, more than 75% of teachers have an academic degree and (or) academic title, for master's programs - more than 80%.

3. Independent assessment of the level of knowledge of students (participation in projects of FEPO, FIEB, etc.)

The high level of training of students is confirmed by participation in international, Russian, regional, interuniversity conferences, olympiads, competitions, projects where external experts evaluate the results of students' work.

4. Demand for graduates (employment)

Cluster graduates are in demand in the field of IT consulting, audit and reengineering of business processes, implementation of architectural solutions at enterprises, digital transformation of enterprises, in project activities.

Graduates successfully work at industry-leading enterprises, the most famous of which are "KORUS CONSULTING LLC GC", LLC "NAUKA", LLC "Dialog IT", LLC "Novardis Consulting".

5. Learning resources

To implement the main educational programs of the cluster SPbPU has a modern material and technical base, equipped at a sufficiently high material level, as well as resources of the information and library complex, which are updated annually.

The material and technical base includes computers, united to a local network and having Internet access. Basic educational programs are provided with educational and methodological documentation and teaching materials. The implementation of educational programs of the cluster is ensured by the access of each student to the databases data and library funds of SPbPU. During self-study, students are provided with access to the Internet.

6. Scientific activity

There is a scientific school at the Graduate School of Management and Business, within the framework of which the teaching staff implements various grants:

- Russian Science Foundation (2019-2021): Digital transformation of Russian business: development of theory and methodology. Head: Doctor of Economics, Professor Ilyin I.V.;

- RFBR (2019-2021): Increasing the economic efficiency of managing medical organizations in the digital economy. Head: Doctor of Economics, Professor Ilyin I.V.;

- RFBR (2020-2022): Increasing the economic efficiency of managing medical organizations in the digital economy. Head: senior teacher, Dubgorn A.S.

Teachers of the Graduate School of Management and Business regularly publish the results of their research: over the past 5 years, 705 publications have been published, of which 199 are in the journals of the Higher Attestation Commission, 13 monographs. There are also publications in foreign editions.

The amount of research and development funding within the framework of the implementation of government contracts and business agreements for 2018–2020 yy. amounted to 10,159 thousand rubles. The participation of the academic staff within the framework of grant programs made it possible to attract 13,250 thousand rubles. The average Hirsch index of teachers participating in the implementation of the cluster of accredited educational programs in the RSCI was 9.56, in the international citation databases Scopus, WoS - 5.89.

7. Academic mobility of students

Students of educational programs of the cluster "Business Informatics" are provided with an opportunity to study at a foreign university in the framework of academic mobility programs. In the period from 2016 to 2020, more than 76 students realized the opportunity to study at a foreign partner university within the framework of academic mobility.

8. International projects

The mobility of teachers of the Graduate School of Management and Business is provided through trips to foreign partner universities and scientific organizations for internships, to participate in scientific conferences. In 2016-2020 yy. employees of the Graduate School took part in international conferences, seminars, internships in the framework of the international project ERASMUS + Joint Programs and Framework for Doctoral Education in Software Engineering ("Joint program for the training of graduate students in the field of software engineering").