Research-Based Education. The case of the St. Petersburg State University of Economics.

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- St. Petersburg State University of Engineering and Economics (founded in 1906)
- St. Petersburg State University of Economics and Finance (founded in 1930)
- St. Petersburg State University of Service and Economics (founded in 1999)
St. Petersburg State University of Economics nowadays:

- 14,100 students;
- 900 professors;
- 433 PhD students;
- 11 dissertation councils;
- 32 scientific schools;
- 54 bachelor programs;
- 55 master programs;
- 14 postgraduate programs;
- 300 foreign education partners;
- more than 1,000 foreign students
The development of research activities in the SPbSUE for the period up to 2025 is proposed to be implemented within the framework of the concept aimed at the creation of the Research University.
The objectives of the research activities development

The main objective of the Research University is to effectively integrate educational and research processes based on a scientific approach to the creation of the organizational, economic, financial and legal model of the university.
Competitive advantages of SPbSUE

✓ Scientific and pedagogical schools on a wide range of scientific directions.

✓ Active cooperation with Russian and foreign universities and scientific centers, large companies, state authorities.

✓ Participation of the University in the development of partner networks, also in the frame of the Eurasian Network University, the European Association of Universities (EAU), the Francophone University Association (AUF), the European Foundation for Management Development (EFMD), etc.
Principles of research development

✓ Priority for the development of practice-oriented research and expert-analytical work.

✓ The development of scientific and pedagogical schools in conducting relevant scientific research, implementing governmental and enterprises’ projects, fostering publication activity.

✓ Active involvement of students, including undergraduates, graduate students and students on postgraduate professional education programs in research activity.

✓ Integration of science, business and education, and, on this basis, an increase in the volume of R&D performed through extrabudgetary sources of funding.

✓ The extension of partnerships, networking and internationalization.
The development of Research-Based Education in SPbSUE

✓ Increasing participation of young researchers, undergraduates and graduate students in research projects.
✓ Development of a scientific assistance and mentoring system.
✓ Establishing the selection system in order to capture the most talented undergraduates and graduate students.
✓ Strengthening the scientific component of master's and graduate programs.
✓ Organization of scientific and methodological seminars, advanced training programs on the development and commercialization of research for young researchers and teaching staff.
✓ Creation of a common information space for research groups and individual experts.
Research-Based Education: Research-Based Teaching, Research-Based Learning. Examples from SPbSUE
March 11, 2016 the signing of a cooperation agreement between "Gazprom export" and St. Petersburg State University of Economics.

December 11, 2015, the signing of a cooperation agreement between "Gazprom transgaz Moscow" LLC and St. Petersburg State University of Economics.

SPbSUE cooperation with Gazprom.
The program of research and development carried out by the support university - the "St. Petersburg State University of Economics" in the interests of PJSC Gazprom for 2016-2018:

1. Development of the concept for effective collaborations between PJSC Gazprom, its subsidiaries and organizations with regional labor markets and educational organizations in order to meet the company's long-term need for labor resources.
2. Development of professional competencies with the subsequent formation of competency profiles for positions of subsidiaries of PJSC "Gazprom" in the field of activity "Economics".
3. Development of an integrated model of factorial evaluation of R & D effectiveness and competencies of researchers.
Research work commissioned by third-party companies in the field of gas and oil refining industry

- «Investigation of the influence of the chemical composition of anticorrosive additives on the quality of gas condensate and on the technology of its processing», LLC NOVATEK-Ust-Luga (2016)
- «Development of recommendations for the preparation of raw materials and improvement of technology for obtaining road bitumen in accordance with GOST 33133-2014», LLC «KINEF» (2017)
Research Project: «The development of methodological and regulatory basis for taxation of organizations within the framework of agreements on public-private partnership».

• Formation of a working group (students and teachers). Distribution of duties.

• Conduction of the research into international experience in the implementation of PPP projects by students under the qualified mentors.

• Implementation: educational programs, organizations, recommendations for the federal government.
✓ Research Activity «Measuring management pathologies: the way to improve business performance»
✓ The research is aimed at the assessment of the management quality based on measuring its internal state and the behavior of managers.
✓ Management morbidity in organizations of various sizes, ages, industry and ownership had been being studied from 2011 by students of the SPbSUE (led by mentors and curators).
✓ Students were involved in the questionnaire design, survey conduction, processing profiles and analyzing results, developing recommendations, implementing recommendations at organizations.
✓ To date, more than 600 organizations have been interviewed, experience is summarized, specific recommendations formulated, recommendations were partially introduced into practice. The work continues and along with commercial organizations, public companies and government bodies are involved.
Prospects for the development of Research-Based Education

• Teaching and encouraging teachers to develop educational programs that include research activities.

• Intensification of the search for scientific projects, including those in which students and young scientists can be involved.

• Development of new methods and mechanisms for RBE implementation in universities.
Thank you for attention!