INNOVATIVE TECHNOLOGIES IN METALLURGY AND MATERIAL SCIENCE

International Master's Degree Program in English

Key facts:

- Admission requirements: Candidates are required to hold a Bachelor’s, Specialist’s or Master’s degree in any subject area, all applicants must demonstrate English language proficiency at B2 level.

- Admission tests: Examination in the field of material science and engineering interview in English language with program coordinator (option - via Skype).

- Admission procedure: Written on-line application. Application deadline – June, 30. International applicants may find additional information concerning admission at the official website of SPbPU www.eng.spbstu.ru

- Program starts: Autumn semester – September, 1

- Duration of program: 2 years

- Total workload: 120 ECTS

- Degrees awarded: Master of Science (MSc)

- Tuition fee: for Russian students — 190 000 RUB / year for foreign students — 260 000 RUB / year

In 2010 SPbPU became a "National Research University", also known as Polytech — a recognized Russian leader in the field of higher engineering and management education. Nobel Prize winners P. L. Kapitsa, N.N. Semenov, Zh. I. Alferov — are just a few names among hundreds of talented scientists whose activities are connected with Polytech.

SPbPU Institute of Metallurgy has been operating since the inception of SPbPU in 1899 when Russian Finance Minister, Count Witte signed the document on the establishment of the metallurgical department. At present the University has over 30 000 students, it is a well known leader of technical education in Russia.
MSc in Engineering and Technology

Objective of the program

The mission of the program is to provide students with modern knowledge in fields of material science and engineering, formation of material structure and properties research and simulation, laser technologies, additive advanced technologies etc. Participants will be qualitatively prepared to work in industrial companies, will study independent and multidisciplinary courses which combined science and engineering to reach well opportunities in a future carrier.

Duration and format

2 years, full-time

Total workload

120 ECTS

KEY ADVANTAGES

1. The program gives our students a deep knowledge and experience in interdisciplinary courses. Studying in English language allows to arrange regular science researches in industrial sectors.
2. The program offers a unique opportunity for joint study of Russian students with students from foreign engineering schools, the opportunity to participate together in academic and extracurricular activities of SPbPU.
3. Unique opportunities for international mobility. Possible practices abroad at academic partners of SPbPU. Double degree options with European universities.
4. The variable impact of materials and processing on all industrial and economy sectors offer a wide variety of employment opportunities.