



POLYTECH

Peter the Great
St. Petersburg Polytechnic
University

ENGINEERING

TRILATERAL DEGREE



ENERGY TECHNOLOGY



PROGRAM NAME: Energy Technology

AWARD: SPbPU – MSc in Technology (Power Plant Engineering), LUT – MSc in Technology (Energy Technology), LUH – MSc in Technology (Energietechnik)

MODE OF STUDY: full-time

COURSE DURATION: 2 years: 1st semester at SPbPU + 2nd semesters at LUT + 3rd semester at LUH + 4th semester at home university. Trilateral Degree program is performed in cooperation with Lappeenranta University of Technology and Leibniz Universität Hannover.

PROGRAM OUTLINE: The program is designed to train students in emerging areas of energy research with the potential for a high technological or social impact. The course trains highly qualified professionals able to solve complex engineering and management challenges in a global energy sector. Our students will gain the knowledge about modern energy systems, innovation technologies, and state-of-the-art energy equipment and its operation.

CURRICULUM (GENERAL MODULES):

MODULES	ECTS
General Courses	9.5
Ethical and Language Skills	7
Information Technology	2.5
Modeling for Engineering Professionals	15
Supporting Courses	7.5
Major Courses in Energy Technology	48.5
Master's Thesis, Scientific and Research Work	30
Total	120



ENTRY REQUIREMENTS: Bachelor's, Specialist's or Master's degree or equivalent in Energy Technology or Mechanical Engineering or equivalent is required / English language proficiency -TOEFL – 80 iBT or 550 PBT or IELTS – 6.0 or CAE either CPE grade A, B, or C / minimum of final mark of the Bachelor degree in Finland - 3.0; in Germany - 2.7 in Russia - 4.6 / Exam Test in a relevant field of studies

PARTNERS:

- Finland – Lappeenranta University of Technology
- Germany – Leibniz Universität Hannover
- Russia – TGC-1; Power Machines; State Atomic Energy Corporation “Rosatom”

CAREER OPPORTUNITIES: The program prepares students to go on to careers as professionals and experts in the rapidly developing, multidisciplinary area of energy and the environment, or to continue their studies in doctoral programs.

