



**POLYTECH**  
Institute of Energy

# Power Up Your Future: International Master's Programs in Energy

at Peter the Great St. Petersburg  
Polytechnic University

Leading technical university with a rich history and a strong international reputation. We offer a range of Master's programs in Energy, equipping you with the knowledge and skills to lead the way in a rapidly changing industry. Face scientific challenges and make a societal impact. Join research groups addressing climate change and contribute to building a sustainable future.



## **Nuclear Power Engineering**

Core modules focus on fundamental principles of nuclear power engineering, reactor systems, and economics/management, hands-on experience through internships and scientific research projects. Graduates pursue careers in research, development, design, construction, operation, or regulation within the nuclear power industry.

## **Electrical Power Engineering**

Master theoretical principles in Electrical Engineering, High Voltage Technologies and practical applications High Voltage Insulation, Electrical Power Systems and Computer-aided Technologies.

## **Power Plant Engineering**

Get comprehensive understanding of both traditional and renewable energy sources, business and economic aspects of the industry Study core engineering principles like Mathematical Physics, Numerical Methods in Heat and Mass Transfer, and Thermal Hydraulics with specialized courses in High Voltage Technologies, Steam and Gas Turbines, Renewables and Thermal Power Plants.

Gain practical experience through internships provided by industrial partners - **State Corporation ROSATOM, Power Machines, TGC-1, Gasprom, JSC Klimov, Lenenergo** and etc. Develop critical thinking skills through research projects, and enhance communication abilities through soft skills courses.

## **KEY DATES FOR APPLICATION**

For applicants from countries with a visa regime:

Application period:

April 01 - August 01, 2025

For applicants from visa-free countries:

Application period:

April 01 - September 01, 2025

Academic year start date:

September 01, 2025

## **SCHOLARSHIPS**

### **Russian Federation Quota**

apply by December 1, 2025

### **Open Doors: Russian Scholarship Project**

apply by December 10, 2025

## **SCAN TO APPLY**



## **ENTRY REQUIREMENTS**

- **Bachelor's, Specialist's or Master's degree in a relevant area**
- **English language proficiency - B+ (CEFR B2)**
- **Test in a relevant field of studies**
- **Online interview with a program coordinator**

## **Study Energy in the Heart of St. Petersburg**

St. Petersburg is Russia's vibrant cultural and industrial hub. Fall in love with the white nights and rich historical and educational landscape, with over 200 museums, 100 theaters, and 964 parks. This UNESCO World Heritage Site is home to 84 universities, including the Saint Petersburg Branch of the Russian Academy of Sciences, major industrial center, attracting over 5.3 million visitors annually and housing over 750 large enterprises.

**VISIT OUR WEBSITE:**

**IE.SPBSTU.RU**