МЭИ | NATIONAL RESEARCH UNIVERSITY

Contact information

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НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ

МЭИ

INSTITUTE OF ENERGY EFFICIENCY PROBLEMS

MASTER OF SCIENCE DEGREE PROGRAM

“SUSTAINABLE THERMAL AND ENERGY SYSTEMS”

totally taught in English

MASTER PROGRAM

KEY REASONS TO STUDY AT MOSCOW POWER ENGENEERING INSTITUTE

- Internships and job placements
- Accreditations
- Scholarships and awards
- Double degree options
- Quality of Education
- Own dormitory for students
- Plenty of resources to do a profound research
- Scientific research activities
- Communication with experts from leading energetic and engineering companies

ESSENTIALS

General requirements

• Degree of Bachelor / Specialist / Master in a related area of expertise;

• English language proficiency at B+.

Start of studies – September, 1

Duration of studies – 2 years (4 semesters)

MAIN OBJECTIVES OF THE PROGRAM

The aim of the programme is to prepare qualified specialists with professional knowledge, skills and abilities to solve the following tasks in the field of industrial heat and power systems and social sphere:

• modern power engineering and heat installations development and maintenance;

• promising heat-and-power systems and equipment development and implementation;

• advanced life support systems creation at enterprises and housing

DISCIPLINES AND CURRICULUM

The program curriculum is firmly rooted in energy technology and includes exposure to the interaction with business and financial decision processes. Practicing professionals with experience at this interface who have successfully implemented energy systems or devices and policies are actively involved in the program as faculty and invited speakers.

The curriculum is flexibly designed with a set of a number of core courses in engineering knowledge and finance, including:

• Energy saving contemporary issues and sustainable development

• Economy and business planning in industrial power engineering

• Impact Pathways Analysis

• Computer aided design engineering

• Energy audit and saving of industrial enterprises

SKILLS AND CAREER OPPORTUNITIES

Graduates of the program are involved in the decision making or policy planning that will deliver sustainable, energy efficient systems to the global market.

Our students are welcome to participate in research projects together with local and international companies: Gazprom, RusHydro, Siemens, Mosenergo, PJSC "MIPC", LUKOIL and others.

ЛУКОЙЛ

SIEMENS

RusHydro

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