Admission requirements
Applicants are required to hold a Bachelor’s, Specialist or Master’s degree in related subject area. Applicants should demonstrate English language proficiency at B+ level.

Admission tests
Examination in the field of mechanics and an interview in English with a program coordinator (option - via Skype).

Admission procedure
Written online application. Application deadline – June, 30. Applicants may find more information available at the official website of SPbPU: www.english.spbstu.ru

Program starts
September 1 (Fall Semester)

Duration of program
2 years

Degrees awarded
Master of science (MSc)

Contact details:
Peter the Great St. Petersburg Polytechnic University
Dr. Olga S. Loboda, Program Coordinator
29 Polytechnicheskaya st., University building, 195251 St. Petersburg
Telephone: +7 (952) 247-40-33
E-mail: tmech.imdp@gmail.com
http://www.english.spbstu.ru
http://mech.spbstu.ru/

Why Master’s Degree Program in Engineering at Peter the Great St. Petersburg Polytechnic University?

- Education at one of the top Russian universities (QS Physics and Astronomy 201-250, THE 201-250)
- World-class professors of SPbPU and leading European universities.
- Unique opportunities for international academic mobility: a semester abroad at one of the SPbPU partner universities.
- Participation in international scientific projects.
- Support of students’ individual research projects and technical ideas.

Key information about the study program in Saint-Petersburg, Russia

Peter the Great St. Petersburg Polytechnic University
Founded in 1899 St. Petersburg Polytechnic University has recently gained the status of the National Research University. SPbPU is an acknowledged leader in the field of engineering education in Russia. Nobel Prize winners P.L. Kapitsa, N.N. Semenov, Zh.I. Alferov are only a few of hundreds of gifted and talented scientists whose professional activities are associated with St. Petersburg Polytechnic University.

Institute of Applied Mathematics and Mechanics, SPbPU, was founded on the basis of the Faculty of Physics and Mechanics. The combination of academic learning and scientific research is a principle stated by A.I. Ioffe, founder of the Faculty. Nowadays this principle is fundamental in the Institute’s educational process. The Institute’s academic staff members are highly qualified specialists: professors, associate professors, scientists, including more than 30 members of Russian, International and Industrial Academies of Science.
The MSc program is led by the top-ranked professors of the Institute of Mathematics and Mechanics, Peter the Great St. Petersburg Polytechnic University, as well as the top European technical universities. The underlying concept of MSc “Mechanics and Mathematical Modeling” is to provide the students with a balanced combination of the fundamental knowledge and practical skills in mechanics to model phenomena in physics, social sciences, biology, economy, etc. All lectures and seminars are delivered in English.

Objective of the program

The program is designed for training highly professional scientists and engineers with the theoretical background and practical experience in theoretical mechanics, computational mechanics, IT, mathematical modeling and simulations, and distributed computing. The MSc program also develops leadership, analytical, cross-cultural and organizational skills. Upon graduation the participants will have developed practical skills and acquired the fundamental knowledge for a further professional career in international engineering and research companies.

Duration and format

2 years

Total workload
Not less than 120 ECTS