

Applied Mathematics and Physics

Peter the Great St. Petersburg Polytechnic University

Degree or qualification is awarded: **Bachelor of Applied Mathematics and Physics**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **210 200 - 219 600 rubles**

Programme webpage at the university website:

<http://www.spbstu.ru/education/students/description-of-educational-programs/>

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The curriculum gives all Bachelor Program students deep knowledge of mathematics, physics, continuum mechanics and numerical methods. All courses are given in Russian. The graduates of the program receive a profound education in applied mathematics and physics. They are ready to enter a Master Program in different fields of study.

Specializations within this programme

Mathematical and experimental modeling in continuum mechanics.

The program is focused on the combination of the basic subjects with the modern interdisciplinary courses. The curriculum covers fundamentals of computational and experimental methods in continuum mechanics and related areas. The graduates are able to set and solve fundamental and applied problems and to use basic mathematical, experimental and computational tools related to fluid dynamics, fluid-structure interaction and heat transfer.