

# Physics

Novosibirsk State University

Degree or qualification is awarded: **Bachelor of science in Physics**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **4 500 USD per year**

Programme webpage at the university website: [https://education.nsu.ru/department\\_physics\\_english/](https://education.nsu.ru/department_physics_english/)

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## Specializations within this programme

### General Physics

Students of General Physics gain in depth education in physics and mathematics, enabling graduates to further conduct fundamental and applied research in research institutes.

Specializations :

- Automation of physical and technical research
- Aerophysics and gas dynamics
- Biomedical Physics
- Quantum Optics
- Quantum Electronics
- radiophysics
- Physics of nonequilibrium processes
- Plasma Physics
- Physics of Semiconductors
- Physics of continuous media
- Accelerator Physics
- Elementary Particle Physics
- Physics and Technology
- Physical Methods of Solid State Research
- Chemical and Biological Physics

### Physical Informatics

A special program has been developed for students of this specialization, allowing them to gain in-depth knowledge in computer science, microelectronics and computer technology along with the physical and mathematical disciplines. As a result, graduates of this division are highly qualified specialists in the field of information technologies with a universal and general physical erudition, able to work at the junction of different scientific fields using modern programming languages and information technologies.