

Mathematics. Supplementary education

Immanuel Kant Baltic Federal University

Degree or qualification is awarded: **Bachelor**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **1 970 USD per year**

This course aims to teach you how to conduct lessons, organize educational processes and solve problems related to student development. Additionally acquired knowledge in the field of psychology will allow you to monitor the situation in the classroom, promptly identify conflicts and contribute to their resolution. You will be trained in two fields, enabling you to find employment by successfully combining pedagogy and teaching mathematics with one of the vocational specialisations. You can also choose your own learning path and further professional development by choosing an additional field of study: Technological Creation and Robotics or Game Design.

Practising teachers will share their experiences in the field and the secrets of the profession. The internship will take place in Kaliningrad-based educational institutions. Practical tasks and mock exercises will help you prepare for future employment. Participating in professional competitions will allow you to improve your networking skills and plan your professional development. By choosing Technological Creation and Robotics you will learn how to design and build robots, and how to design, make and program a variety of technical objects. Graduates of this course will become modern teachers with chances of employment both in primary education, adapting students and helping them develop their communication skills, as well as developing their technical creativity and robotics or showing their pedagogical talents in this field of knowledge.

Specializations within this programme

What will I study?

- General pedagogy with a practical course
- General psychology with a practical course
- Special pedagogy and psychology
- Further education pedagogy
- Further education methods
- Mathematics teaching methods
- Mathematical analysis
- Algebra
- Elementary mathematics
- Geometry • Physics (electricity)
- Digital device coding
- Modern microelectronics
- Architecture of microprocessor devices
- Robotics and mechatronics