

# Chemistry

Immanuel Kant Baltic Federal University

Language of study: **Russian**

Mode of study: **full-time**

Duration: **4 years**

Availability of free education: **yes**

Price: **2 100 USD per year**

This course will allow you to improve your knowledge of chemistry as well as learn about substances and their transformations, the structure of elements, their properties and processes of chemical reactions. Received knowledge of organic synthesis, analytical chemistry, electrochemistry, new materials chemistry, medicinal chemistry (drug design), computer modelling of new compounds and materials, and biochemistry will help you develop new materials and chemicals for a range of industries, energy engineering and medicine. You will also learn all types of production control and methods of analysing chemical compounds, which will then allow you to introduce and monitor new production techniques.

## Specializations within this programme

What will I study?

- Chemistry of life
- Design thinking
- Programming
- Chemical technology
- Inorganic and analytical chemistry
- Biology
- Chemical structure of matter
- Chemistry
- Psychology and education
- Polymer chemistry
- Electrochemistry