Database and web-app development

Immanuel Kant Baltic Federal University

Language of study: **Russian**
Mode of study:
Duration: **4 years**
Availability of free education: **yes**
Price: **2100 USD per year**

This course will introduce you to the development, configuration and implementation of information systems and networks. Learning programming languages will allow you to create and moderate information structures in a modern company.

Practising teachers will share their experiences in the field and the secrets of the profession. Studying takes place in various formats, such as workshops led by business and IT professionals, work-like practical and laboratory classes and professional competitions. That will allow you to network and plan your professional development. Graduates of this course will become wide-profile IT professionals who can work in any modern company related to software and information technologies. The knowledge received in this course can be applied to create software, design informational technologies and provide technical support for information systems and technologies.

Specializations within this programme

What will I study?

• Theory of information processes and systems
• Methods and technologies of data collection and analysis
• Systems and processes modeling
• Data and knowledge management
• Fundamentals of the systems theory and system analysis
• Fundamentals of the automatic control theory
• Fundamentals of the decision theory
• Intelligent systems and technologies
• Expert systems in the electric power industry
• Decision support systems
• Real-time process control systems
• Network technologies
• Methods and tools for designing information systems and technologies
• Smart eechnologies and systems in the electric power industry