Faculty of Computer-Aided Design

Belarusian State University
of Informatics and Radioelectronics
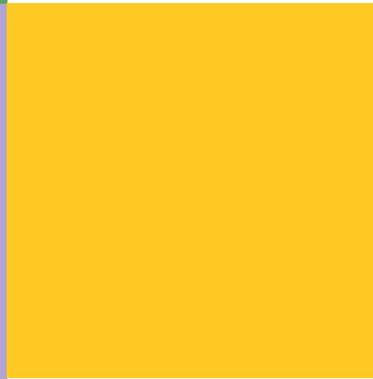
Welcome to our team!

Faculty of Computer-Aided Design

The Faculty of Computer-Aided Design is one of the most innovative and dynamically developing faculties in BSUIR. Faculty training facilities are based on international educational, scientific and production centres and laboratories, equipped with high-end hardware and software.

More than 1950 students study at the faculty, including foreign citizens from Russian Federation, Nigeria, Vietnam, Turkmenistan, Uzbekistan, Tajikistan, Yemen, Iraq, Azerbaijan, Egypt, Israel, Kazakhstan.

The training of specialists at the faculty starts from the idea of an electronic device (system), software for the operation of the device (system) and ends with the creation of complex information systems.

Graduates of all specialties are among the most demanded and highly paid, and the best of them occupy leading positions both in government bodies and in the field of IT - business, industry and the banking system.

The largest places for undergraduate practice are IT companies: EPAM Systems, Intrazishen, International Business Alliance etc., enterprises for the design and manufacture of technological, industrial and medical equipment: AGAT-SYSTEM, Geoinformation systems of communication and control, Unitary Enterprise ATOMTECH, Planar, Integral, and Belarusbank, Alfabank, BPS-Sberbank, etc.

Russian programmes

THE 1st DEGREE PROGRAMMES (bachelor):

Medical Electronics

Design and Production of Software-controlled Electronic Means

Software-controlled Electronic-optical Systems

Electronic Security Systems

Programmable Mobile Systems

Modeling and Computer Design Of Radio Electronic Means

Information Systems and Technologies (in Business Management)

Engineering and Psychological Support of Information Technologies

Information Systems and Technologies (in Ensuring Industrial Safety)

THE 2nd DEGREE PROGRAMMES (master):

Electronic Systems and Technologies

Engineering Geometry and Computer Graphics

Psychology

Occupational Safety and Ergonomics
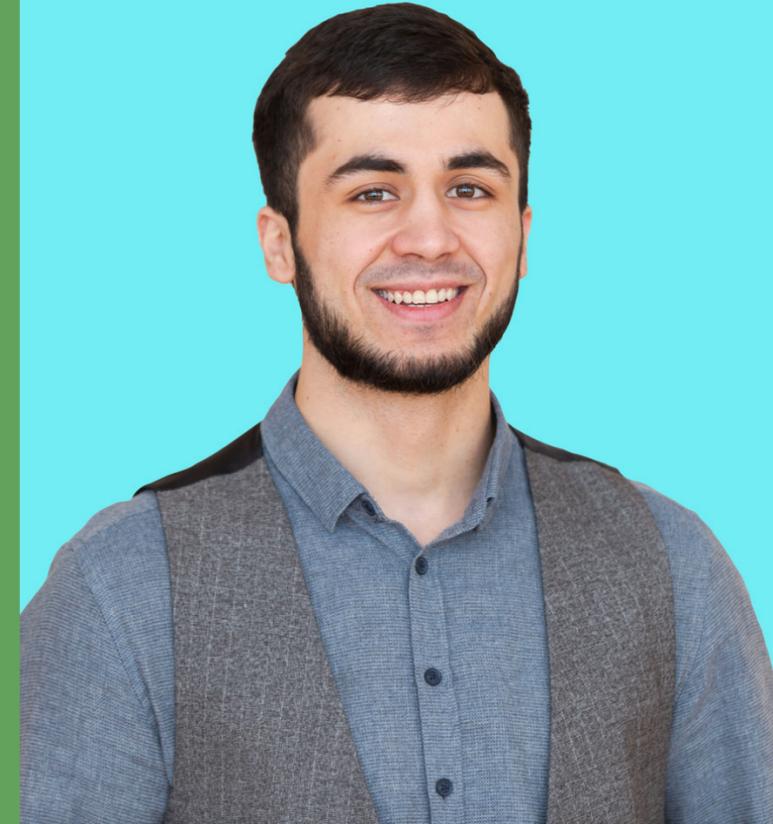
Key professional competencies

of faculty graduates

YOU

Skills and abilities of creating software

Development of technologies for the production of software-controlled electronic means.

Develop algorithms for information visualization and apply them in professional activities.

CAN

Develop business plans, carry out reorganization, engineering and reengineering of business processes based on the use of modern software tools, systems and technologies

Develop computer systems for monitoring risks and predicting abnormal incidents in industry

Create new electronic services based on innovations in the field of infocommunication technologies (ICT)

DO IT

Develop software for modeling objects in 3D space.

Internet technologies for data distribution and transmission.

Organization and functioning of complex electronic systems

Designing databases and complexes of technical means of information processing systems

What are your job prospects after graduation?

Some of in-demand modern professions

Data Scientist
(Big Data)

A data scientist makes value out of raw data by turning it into meaningful information that organisations can use to improve their businesses.

Data scientists know how to get results from data quickly by gathering, analysing and interpreting large volumes of structured and unstructured information from a range of sources.

Electrical Designer

An Electrical Designer is responsible for designing and developing layouts for electrical circuits or systems for power distribution.

They assist engineering teams, acting as a technical specialist, and they develop and evaluate plans and minimize costs on electrical designs.

DevOps-engineer

This specialist optimizes programmer's work, software lifecycle, can perform tasks of developer, project manager, system administrator.

DevOps-engineer also has good knowledge in the organization of the IT infrastructure, performance monitoring.

Tuition & Fees

per year
Bachelor's Degree

Russian Programmes

full-time: 3000 USD

part-time and distant: 1800 USD

Foundation Year Course

Russian programmes: 2000 USD

English programmes: 3000 USD

Russian language course: 1200 USD

Russian Programmes

per year
Master's Degree

full-time: 3300 USD

part-time and distant: 1700 USD

Special offer

for citizens of Kazakhstan, Uzbekistan, Tajikistan, Kyrgyzstan, Russia, Turkmenistan, Azerbaijan, Ukraine, Moldova, Armenia

Russian programmes

full-time: 2500 USD

part-time and distant: 1300 USD

Foundation Year Course

russian programmes: 2000 USD

english programmes: 3000 USD

tuition fee per year (bachelor and master studies)

Do you still have questions?

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