

IT in Business

BACHELOR'S DEGREE - PROGRAM

Form: Full-time

Study form: Traditional (on-site)

Features: Bachelor's degree • From October • English • 6 semesters

City: Bydgoszcz



What will you learn?

- You will learn the principles of designing and implementing IT systems that support business management in a dynamic environment.
- You will master the use of modern IT tools such as databases, ERP systems, and virtual reality technologies.
- You will develop skills in data analysis and algorithm design, preparing you to work with large sets of information.
- You will learn IT project management methodologies, including Agile and Scrum, enabling you to effectively lead technology teams.
- You will gain knowledge about cybersecurity, allowing you to prevent threats and protect data within IT systems.
- You will learn to create mobile applications and web solutions, opening career opportunities as a front-end developer.

Work opportunities

- You will find employment as a mobile application developer, creating solutions tailored to clients' needs.
- Work as a data analyst, processing and visualizing information for business purposes.
- Pursue a career in the IT department as a systems administrator, ensuring their security and performance.
- Develop your career as an IT consultant, helping companies integrate modern technologies with business processes.
- Become an IT systems designer, implementing innovative solutions that support business management.
- Work in the e-commerce sector as an internet technology expert, developing online sales platforms.

Study program

Practical studies

We teach in a way that best prepares you for the real challenges you will face in your professional career.

- **Group projects** – real business problems.
- **Simulations** – decision-making in market conditions.



- **Internships and placements** – experience in companies.
- **Lectures with practitioners** – experts from the industry.
- **Modern tools** – up-to-date technologies.
- **Case studies** – analysis of real-life examples.

Selected major-specific courses

- Data Base Systems
- Programming Languages and Software Engineering
- Management Information Systems
- Operating Systems
- User Interface Design
- Systems Theory and Engineering with Elements of Systems Analysis
- Engineering Graphics
- Introduction to Engineering Design
- Web Programming
- Cost Accounting for Engineers
- Mobile and Wireless Technologies
- Metrology with Elements of Physics
- Elements of Electrical Engineering and Electronics
- Computer Systems Architecture

Selected specialization courses

- Web Application Developer

Foreign language study

For full-time studies:

- 240 hours of one foreign language (60 hours per semester, from the 2nd to the 5th semester).

For part-time studies:

- 64 hours of one foreign language in the 2nd and 3rd semesters.



Internships and practical training

Student internships are an important part of the study program. Students of bachelor's and long-cycle master's studies complete 960 hours of internships (24 weeks), gaining professional experience. If you work in a profession related to your field of study, you can have your internship credited based on your employment. During your studies, you also have the opportunity to take a paid internship. Internship programs are designed by cooperating employers, tailoring requirements to specific positions, which helps you take your first professional steps.

Study completion requirements

You create a major project that addresses a practical or theoretical problem related to your field of study. By studying literature and conducting your own analyses, you work on an original problem-solving proposal. Everything you learn during your studies enables you to create a professional project based on real data and actions. To earn your bachelor's degree, you must defend this project before a committee. You set the direction of your own project!

How to become a WSB Merito University student

You can enroll in a **first degree (e.g. Bachelor's or Engineer's) program** if you have successfully completed your secondary education and have a secondary school-leaving certificate.

[Learn more](#)

Register online

Applicants are admitted on a first-come first-served basis. If you are to complete your secondary education this year, or you are studying for your first degree but have not yet earned it, **you can secure a place with us by signing up online.** Your educational service contract can be drawn up later as you have collected all of the required documents.

[Create an account or log in](#)

Specializations in the IT in Business program

Web Application Developer

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