

# Computer Science

BACHELOR'S DEGREE - PROGRAM

**Form:** Full-time

**Study form:** Hybrid • Traditional (on-site)

**Features:** Engineer's degree • From October • English • 7 semesters

**City:** Poznań



## What will you learn?

- You will learn to **create and manage websites**, which will open the door for you to the world of designing modern online services.
- You will acquire the ability to **administer servers and computer networks**, giving you a solid foundation in IT management.
- You will get to know **modern computer graphics technologies**, enabling you to carry out creative multimedia projects.
- You will discover the secrets of **object-oriented programming and web applications**, which will enable you to create efficient and scalable solutions.
- You will master the principles of **analysis and design of IT systems**, preparing yourself to work in complex IT environments.
- You will learn to use **database technologies and operating systems**, making you a versatile IT specialist.

## Work opportunities

- You can develop as an **IT systems administrator**, taking care of servers, networks, and data security in technology companies and corporations around the world.
- You will gain the opportunity to work as a **web application developer**, creating advanced online solutions for dynamic start-ups and global IT giants.
- Become a **computer graphics designer**, delivering creative projects in advertising agencies, multimedia studios, or the gaming industry.
- Develop as an **e-commerce specialist**, managing online stores and implementing innovative online sales strategies for businesses of various sizes.
- Discover a career as an **IT systems analyst**, optimising processes and designing technological solutions in consulting firms and corporations.
- Work as a **database engineer**, managing data and creating advanced structures in international enterprises from different industries.

## Study program

### Practical studies

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

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



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

## **Selected major-specific courses**

- Fundamentals of Computer Science
- Introduction to Computer Programming
- Data Structures and Algorithms
- Object-Oriented Programming
- Web Application Programming
- Advanced Programming
- Computer Architecture
- Operating Systems
- Computer Networks
- Computer Security
- IT Systems Analysis
- IT Systems Design
- Databases

## **Selected specialization courses**

- Virtual Reality and Multimedia
- Mobile Software Developer

## **Foreign language study**

### **Full-time studies:**

- 120 hours of classes



## 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](#)

### Take the first step - register now!

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 Computer Science program

Mobile Software Developer

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Virtual Reality and Multimedia

**Form:** Full-time

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