WSB MERITO UNIVERSITY POZNAN

Mobile Software Developer

BACHELOR'S DEGREE - SPECIALITY

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 get to know **mobile technology platforms** and master the **creation of modern mobile applications** that change how people use everyday devices.
- You will learn **programming in Objective-C (Swift)** and the **development of AR and VR applications**, opening the door to the world of augmented and virtual reality.
- You will achieve proficiency in **developing multimedia applications** and learn to harness the potential of **Big Data and cloud computing** in practice.
- You will gain knowledge of designing **advanced business applications** that operate in networked environments, ideal for a dynamic job market.
- A curriculum developed with **UK-based JS Factory Ltd.** will give you access to knowledge and skills aligned with global IT industry standards.
- You will prepare for roles that combine **mobile application programming** with **AR/VR** and the use of **Big Data**, meeting labour market needs.

Work opportunities

- **Mobile application developer** – Create innovative Android and iOS applications that change how users interact with technology in their everyday lives.
- **AR/VR developer** – Design augmented and virtual reality solutions, revolutionising industries from education to entertainment.
- **Multimedia software creator** – Build interactive applications that combine image, sound, and graphics to deliver unique visual experiences for users.
- **Big Data specialist** – Process vast amounts of data and deliver key analyses for companies that want to operate more efficiently in the digital age.
- **Business applications programmer** – Design and develop applications that streamline business processes, increasing companies' efficiency in networked environments.
- **Mobile game developer** – Pursue your passion by creating smartphone games that entertain, educate, and engage millions of players around the world.

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.

Dane zamieszczone w niniejszej karcie kierunku mają charakter wyłącznie informacyjny. Dane te nie stanowią oferty zawarcia umo wy w rozumieniu art. 66 i nast. kodeksu cywilnego. Zgodnie z art. 160 ust. 3 ustawy z dnia 27 lipca 2005 roku Prawo o szkolnictwie wyższym, umowa między Uniwersytetem WSM Merito we Wrocławiu a studentem zawierana jest w formie pisemnej.

- **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

- Communication Skills for Computer Specialists
- Fundamentals of Business Management
- Computational Methods
- Entrepreneurship
- Economics
- Mathematics
- Discrete Mathematics
- Probability Theory and Statistics
- Information Technologies
- Fundamentals of Computer Science
- Introduction to Computer Programming

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- Data Structures and Algorithms
- Object-Oriented Programming
- Web Application Programming
- Advanced Programming
- Computer Architecture
- Operating Systems.

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

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