WSB MERITO UNIVERSITY POZNAN

Information Technology

MASTER'S DEGREE - PROGRAM

Form: Full-time

Study form: Hybrid • Traditional (on-site)

Features: Master's degree • From October • English • 4 semesters

City: Poznań

What will you learn?

- You will learn to program in **Python** and **Java** at an advanced level, enabling you to create modern mobile and web applications.
- You will learn the principles of object modelling and **complex systems simulation**, gaining skills useful in software engineering.
- You will develop competences in designing and working with **databases** such as MySQL and Oracle.
- You will learn to use **augmented reality (AR)** to design future-oriented applications and solutions.
- You will master advanced computer network administration techniques, gaining hands-on experience with Cisco tools.
- You will work in modern labs with software such as **SAP** and **Tableau**, developing strong practical skills.

Work opportunities

- You can work as a Python or Java developer, building **advanced mobile applications** and data management systems.
- You can be employed as a network specialist, designing and managing **ICT infrastructure** in IT companies.
- You can work in organisations focused on **data analysis and processing**, creating advanced database solutions.
- You can work as an augmented reality systems designer, developing modern AR technologies for business.
- You can grow your career in international corporations by implementing **cloud solutions**.
- You can run your **own business**, offering programming and IT project management services.

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.

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.

- **Modern tools** – up-to-date technologies.
- **Case studies** – analysis of real-life cases.

Selected major-specific courses

- Object-oriented languages (Python, Java)
- Business process modelling
- Design of augmented reality systems
- Computer network security
- Database administration
- Mobile application programming
- Cloud management systems
- Simulation and modelling of complex systems
- Work placement
- Diploma seminar

Selected specialization courses

- Advanced database systems
- Internet of Things and future networks
- Cloud solutions outsourcing

Foreign language study

XXXX

Internships and practical training

Internships are an important part of the study program. Master's students complete **480 hours of internships throughout their studies**, gaining valuable work experience. If you are employed in a profession relevant to your field of study, you may have your internship credited based on your employment. During your studies, you also have the opportunity for a paid internship. Internship programs are prepared by our partner employers, adapting requirements to specific positions, which makes starting your professional career easier.

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This is a program for people

- who are interested in modern technologies and want to develop programming skills,
- who have an analytical mind and handle problem-solving well,
- who enjoy logical thinking and want to work in the fast-growing IT sector,
- who are interested in artificial intelligence, cybersecurity, data analysis, or cloud solutions,
- who want to gain competences in IT project management and implementing information systems.

How to become a WSB Merito University student

To be eligible for a **second degree (Master's) program**, you must have completed a prior higher education program concluded with the award of a first degree (Bachelor's or equivalent).
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 Information Technology program

Advanced Database Systems

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Outsourcing Cloud Solutions

Form: Full-time

Study form: Hybrid • Traditional (on-site)

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