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The main objective of this study program is to deliver IT knowledge and specific skills needed for effective information systems management in a fast changing world. This field of study focuses on theoretical principles of computer science, algorithms, computer programming, database systems and operating systems. The program has also been prepared to provide students with knowledge about micro- and macroeconomics, management, business, corporate finance & other related issues. During the lectures students will be introduced to theoretical and practical aspects of IT projects management, implementation and teamwork. One of the essential factors for foreign students is that all courses are conducted in English, by both local and external professors.



SPECYFIKA KIERUNKU

- › the learning process is conducted in English
- › this study program allows to develop theoretical knowledge and practical skills,
- › graduates can work as IT specialist in business and R&D area.



GDZIE ZNAJDZIESZ PRACĘ?

- › business companies and public organization,
- › R&D institutes,
- › education sector,
- › IT companies.



WYBRANE PRZEDMIOTY

- › Theoretical Foundations of Computer Science
- › Architecture of Computer Systems
- › Electronic Data Interchange
- › Programming Workshop
- › Introduction to Information Systems
- › Software Analysis and Design
- › Operating Systems
- › Analysis and Design of Information Systems
- › Introduction to Databases
- › E-Business
- › Computer Networks
- › Administration of Computer Systems
- › Methodology of Scientific Research
- › IT Enterprise Management
- › Object Oriented Analysis and Design
- › Modern Trends of Computer Science
- › Concurrent And Parallel Programming
- › IS Security
- › Knowledge Management
- › Data Mining Methods
- › Enterprise Management Systems

II STOPIEŃ

- › Process Management
- › Software Engineering
- › Data Warehouses
- › Rich Internet Application
- › Process Optimization
- › Electronic Commerce
- › Virtualization and Cloud Processing
- › Computer Modelling and Simulation
- › Automatic Image Recognition
- › Business Process Modelling
- › Integrated Management Systems
- › Data Security
- › Software Quality
- › IT Governance
- › Machine Learning
- › Metaheuristics
- › Fuzzy Systems
- › Knowledge Processing Systems
- › Natural Language Processing