



UNIVERSITY of INFORMATION TECHNOLOGY and MANAGEMENT in Rzeszow, POLAND

Second-cycle studies

Professional title awarded to graduates: magister

**Field of study: INFORMATION TECHNOLOGY
study in English**

Education profile: Practical

Students admitted in the academic year **2023/2024**

Type of study:

- **Full time**

List of courses to complete within the course of studies:

No.	Course title
All-University Courses	
1	English Language
2	Sociology
3	Research Methodology
4	Team Management
5	Health and Safety while studying
Major-Related Courses	
6	Computational Intelligence
7	Monographic Lecture
8	Business Analysis
9	Computational methods in science and technology
10	Programming Languages
11	Introduction to Cloud Technologies
12	Team Project
13	Elective Course 1
14	Elective Course 2
15	Diploma Seminar
16	Vocational Apprenticeship
17	Polish Language (additional compulsory classes for international students)

No.	Electives 1 (1 of 2)
1	Process Automation
2	Internet of Things

No.	Electives 2 (1 of 2)
1	Cloud Management
2	Penetration Tests



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Specialty: Cybersecurity

No.	Specialty Courses
1	Specialization Project
2	Introduction to Network Technologies
3	Cybersecurity Essentials
4	Monitoring and Detecting Security Threats
5	Network Security
6	Advanced Network Technologies
7	Security Policies

Specialty: Data Science

No.	Specialty Courses
1	Specialization Project
2	Machine Learning and Data Mining
3	Data Visualisation
4	Data Bases for Big Data
5	Cloud Solutions for Data Science