



# 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 **2024/2025**

Type of study:

- **Full time**

### List of courses to complete within the course of studies:

No.	Course title
<b>All-University Courses</b>	
1	English Language
2	Sociology
3	Research Methodology
4	Team Management
5	Health and Safety while Studying
<b>Major-Related Courses</b>	
6	Data Security in IT Systems
7	Monographic Lecture
8	Computational Methods in Science and Technology
9	Scripting Language
10	Introduction to Cloud Technologies
11	Team Project
12	Elective Course 1
13	Elective Course 2
14	Elective Course 3
15	Diploma Seminar
16	Vocational Apprenticeship part 1 (1,5 months)
17	Vocational Apprenticeship part 2 (1,5 months)
18	Polish as a Foreign Language (additional compulsory classes for international students)

No.	<b>Electives 1 (1 of 3)</b>
1	Process Automation
2	Internet of Things
3	Big Data analytics

No.	<b>Electives 3 (1 of 2)</b>
1	Computational Intelligence
2	Business Analysis

No.	<b>Electives 2 (1 of 2)</b>
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