



The list of the Courses for Information Technology

Fall semester 2023/2024

Bachelor degree

Year	The name of the subject	ECTS
1	Digital Safety and Awareness	1
1	Discrete Mathematics	6
1	English Language	4
1	Fundamentals of Mathematics	4
1	Health and Safety while studying	0
1	Introduction to IT	3
1	Introduction to Programming	3
1	Network Technologies (CCNA)	5
1	Polish Language	4
2	Fundamentals of Economics	2
2	Introduction to Electronics and Electrical engineering	4
2	Law	2
2	Operating Systems	5
2	Personal Business Model	1
2	Programming	6
2	Social and Occupational Problems of IT	1
2	Web Technologies	6
2	Creating Graphic Assets	3
3	Artificial Intelligence	4
3	Computer Graphics with HCI Elements	2
3	Cybersecurity Basics	6
3	Game Engines and Programming Technologies	6
3	Physics in Games	6
3	CASE Tools Methodology	7
3	Requirements Engineering	7

Master degree

Year	The name of the subject	ECTS
1	Computational Intelligence	2
1	Computational Methods in Science and Technology	3
1	English Language	4
1	Health and Safety while studying	0
1	Polish Language	4
1	Programming Language	4
1	Research Methodology	3
1	Sociology	1
2	Advanced Network Technologies	4
2	Monitoring and Detecting Security Threats	4
2	Big Data - Philosophy and Application in Business	1
2	Monographic Lecture	2
2	Team Project	4