

Field of study : Computer Science
 Profile of study: General academic
 degree studies: II
 Mode of study: Full-time programme
 For a year **2026/2027**

YEAR	SEMESTER	COURSES	Course details							
			KOD	Hours				Form of assessment	ECTS	
				Lectures	Tutorials / Seminars	Computer labs	Total			
I	1	Advanced Algorithmic and Graph Techniques	1100-ZT0ADUI-A	28		28	56	E	5	
	1	Communication Systems Protocols	1100-PS0ADUI-A	28		28	56	Z	4	
	1	Programming Languages and Paradigms	1100-JP0ADUI-A	28		28	56	Z	4	
	1	Artificial Intelligence Methods	1100-MS0ADUI-A	28		28	56	E	5	
	1	Mathematical Methods in Computer Science	1100-MM0ADUI-A	28	28		56	Z	5	
	1	Modern Computer Graphics Techniques	1100-WT0ADUI-A			28	28	Z	3	
	1	Cryptology	1100-KR0ADUI-A	14		28	42	Z	4	
	Semester 1 total:							350	p. ECTS:	30
	2	NoSQL Databases	1100-NB0ADUI-A	28		28	56	E	5	
	2	Operational Research	1100-BO0ADUI-A	28	14	14	56	Z	4	
	2	Digital Product Engineering	1100-IP0ADUI-A	28		28	56	Z	4	
	2	Technical Communication	1100-TC0ADUI-A		28		28	E	4	
	2	Elective Module 1			max	154	154	Z/E	13	
	Semester 2 total:							350	p. ECTS:	30
II	3	Master's Seminar 1	1100-5S1		28		28	Z	7	
	3	Computer Project Management	1100-ZP0ADUI-A	28		28	56	E	4	
	3	Embedded Systems and IoT	1100-SW0ADUI-A	28		28	56	Z	3	
	3	Machine Learning	1100-UM0ADUI-A	28		28	56	E	4	
	3	Data Analysis and Visualization	1100-WD0ADUI-A	14		28	42	Z	2	
	3	Distributed Systems	1100-SR0ADUI-A	14		28	42	Z	2	
	3	Elective Course 1			max	42	42	Z	3	
	3	Humanities and Social Sciences Course			max	60	60	Z	5	
Semester 3 total:							382	p. ECTS:	30	
4	Master's Seminar 2	1100-5S2		28		28	Z	15		
4	Elective Course 2			max	28	28	Z	2		
4	Elective Module 2			max	154	154	Z/E	13		
Semester 4 total:							210	p. ECTS:	30	
							1292	p. ECTS:	120	

Mandatory courses not included in the study programme:

- Health and Safety Training on the e-learning platform,
- Copyright Training on the e-learning platform,
- Library Training on the e-learning platform.