

1.	Field of study	Computer Science
2.	Faculty	Faculty of Science and Technology
3.	Academic year of entry	2025/2026 (winter term)
4.	Level of qualifications/degree	first-cycle studies (in engineering)
5.	Degree profile	general academic
6.	Mode of study	part-time
7.	Academic year for which the revised course structure applies	—

Programme modules										year 1						year 2						year 3						year 4			
										semester 1			semester 2			semester 3			semester 4			semester 5			semester 6			semester 7			
No.	Module	Lang.	E/C	form of teaching			Total ECTS	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E			
1	Algorithmics 1	PL	E	40	20	20		5	20	20	5																				
2	Computer Networks	PL	E	40	20	20	5	20	20	5																					
3	Computer Programming 1	PL	E	60	20	40	6	20	40	6																					
4	Introduction to Digital Technologies	PL	C	15	15		2	15		2																					
5	Operating systems	PL	E	30	10	20	4	10	20	4																					
6	Theoretical Foundations of Computer Science	PL	C	20	20		3	20		3																					
7	Algorithmics 2	PL	C	40	20	20	4				20	20	4																		
8	Computer Programming 2	PL	E	60	20	40	6				20	40	6																		
9	Databases 1	PL	E	30	10	20	3				10	20	3																		
10	Digital Technology	PL	E	40	20	20	4				20	20	4																		
11	Computer Architecture	PL	C	30	10	20	3							10	20	3															
12	Computer Graphics	PL	C	40	20	20	5							20	20	5															
13	Computer Programming 3	PL	C	30	10	20	3							10	20	3															
14	Elements of Artificial Intelligence	PL	E	30	10	20	3							10	20	3															
15	Internet of Things	PL	E	30	10	20	3							10	20	3															
16	Software Engineering	PL	E	50	10	40	3							10	40	3															
17	Cloud Technologies	PL	C	20		20	3											20	3												
18	Methods of Data Analysis	PL	C	40	20	20	3										20	20	3												
19	Numerical Methods	PL	C	20		20	3											20	3												
20	Project Studio 1	PL	C	20		20	3											20	3												
21	Web Applications Programming	PL	C	30	10	20	3										10	20	3												
22	Optional module	PL	C	340		340	51											60	9		100	15		100	15		80	12			
23	Cybersecurity	PL	C	20		20	3											20	3												
24	Databases 2	PL	C	20		20	3											20	3												
25	Project Studio 2	PL	C	20		20	3											20	3												
26	Diploma Project 1	PL	C	20		20	6															20	6								
27	Mobile Applications Programming	PL	C	30	10	20	3														10	20	3								
28	Team Project	PL	C	20		20	3															20	3								
29	Diploma Project 2	PL	C	40		40	6																			40	6				
30	Seminar - preparation for the cross-sectional diploma examination	PL	C	5		5	3																			5	3				
TOTAL Programme modules:				1230	285	945	158	105	100	25	70	100	17	70	140	20	30	160	24		160	24	10	160	27		125	21			

Field modules										year 1							year 2						year 3						year 4					
										form of teaching			semester 1			semester 2				semester 3			semester 4			semester 5			semester 6			semester 7		
No.	Module	Lang.	E/C	Total	L	O	Total ECTS	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E						
1	Mathematics 1	PL	C	45		45	5		45	5																								
2	Mathematics 2	PL	C	45		45	4					45	4																					
3	Physics for Computer Scientists	PL	E	30	10	20	3				10	20	3																					
4	Discrete mathematics and cryptography	PL	C	30	10	20	3							10	20	3																		
5	Mathematical Methods in Artificial Intelligence Systems	PL	C	10	10		1							10		1																		
TOTAL Field modules:				160	30	130	16		45	5	10	65	7	20	20	4																		
Programme co-related modules										year 1							year 2						year 3						year 4					
										form of teaching			semester 1			semester 2				semester 3			semester 4			semester 5			semester 6			semester 7		
No.	Module	Lang.	E/C	Total	L	O	Total ECTS	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E						
1	The area of “Civil Society and Entrepreneurship: Entrepreneurship”	–	C	18		18	3					18	3																					
2	The area of “Civil Society and Entrepreneurship: Vade mecum on Law”	–	C	18		18	3							18	3																			
3	Group of programme co-related modules *[see description below]	*	*	30		30	3											30	3															
TOTAL Programme co-related modules:				66		66	9	0	0	0	0	18	3	0	18	3		30	3	0	0	0	0	0	0	0	0	0						
Open access modules										year 1							year 2						year 3						year 4					
										form of teaching			semester 1			semester 2				semester 3			semester 4			semester 5			semester 6			semester 7		
No.	Module	Lang.	E/C	Total	L	O	Total ECTS	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E						
1	English language course 1	EN	C	20		20	3					20	3																					
2	English language course 2	EN	C	20		20	3								20	3																		
3	English language course 3	EN	C	20		20	3											20	3															
4	English language course 4	EN	C	20		20	3														20	3												
5	Open University Module	–	C	28		28	6														14	3		14	3									
TOTAL Open access modules:				108		108	18					20	3		20	3		20	3		34	6		14	3									
Internship										year 1							year 2						year 3						year 4					
										form of teaching			semester 1			semester 2				semester 3			semester 4			semester 5			semester 6			semester 7		
No.	Module	Lang.	E/C	Total	L	O	Total ECTS	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E	L	O	E						
1	Professional Practice	PL	C	90		90	9																			90	9							
TOTAL Internship:				90		90	9																			90	9							
TOTAL:				1654	315	1339	210	250	30	283	30	288	30	240	30	194	30	184	30	215	30													
TOTAL EXCLUDING INTERNSHIPS								1564																										
TOTAL								1654																										

The study ends with the awarding of an Engineer - Bachelor's Degree with engineering competencies in the field of Computer Science.

* Groups of modules

Group of programme co-related modules

Description:
A student chooses one module from those offered within the indicated areas.

Modules:	Lang.	E/C	L	O	ECTS
Module in the "Civil Society and Entrepreneurship" area	–	C		30	3
Module in the "Creative Expression and Critical Thinking" area	–	C		30	3
Module in the "Health and Personal Development" area	–	C		30	3
Module in the "Natural Environment and Technologies" area	–	C		30	3
Module in the "The Limits of Science" area	–	C		30	3

Legend

Each semester consists of 15 weeks

E/C - exam/course work

E - ECTS

L - lecture, O - all forms of teaching excluding lecture (practical classes, laboratory classes, discussion classes, seminar, proseminar, language classes, field practice, workshop, internship, tutoring)