

FACULTY OF Faculty of Automation and Computer Science
Domain Computer Science and Information Technology
Program Name Cybersecurity Engineering (in English Language)
Study Level Master Research

CURRICULA Valid for the Academic Year 2026-2027

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COURSE CODE AND TITLE		Year: I										Method of Assessment			Nr. Of Hours/Discipline				ECTS/Sem		Discipline		
		SEM 1 14 weeks					SEM 2 14 weeks																
		C	S	L	P	Pr/Ce	C	S	L	P	Pr/Ce	E	C	V	Total	C	Apl	Indiv. St.	1	2	cat	type	
1.00	Software Security	2	0	1	0	0					Gr			125	28	14	83	5.0		DS	DOB		
2.00	Information security	2	1	0	0	0					Gr			125	28	14	83	5.0		DS	DOB		
3.00	Reverse engineering and Malware analysis	2	0	2	0	0					Gr			125	28	28	69	5.0		DS	DOB		
4.10	Mobile Security	2	0	2	0	0					Gr			150	28	28	94	6.0		DF	DOP		
4.20	Programming Security Mechanisms of x86-64 Architecture	2	0	2	0	0					Gr			150	28	28	94	6.0		DF	DOP		
5.00	Research Activity 1	0	0	0	0	14					A/R			225	0	196	29	9.0		DS	DOB		
6.00	Windows Internals and Kernel Driver Development						2	0	2	0	0	Gr			125	28	28	69	5.0		DF	DOB	
7.00	Information Systems Audit and Risk Management						2	1	0	0	0	Gr			125	28	14	83	5.0		DS	DOB	
8.00	Web Security						2	0	1	0	0	Gr			125	28	14	83	5.0		DF	DOB	
9.10	Big Data and Machine Learning for Cybersecurity						2	0	2	0	0	Gr			150	28	28	94	6.0		DS	DOP	
9.20	Virtualization and Hardware-based security						2	0	2	0	0	Gr			150	28	28	94	6.0		DS	DOP	
10.00	Research Activity 2						0	0	0	0	14	A/R			225	0	196	29	9.0		DS	DOB	
TOTAL PER YEAR		8	1	5	0	14	8	1	5	0	14	sem1	4	0	1	1500	224	560	716	30.0	30.0		
					14.0					14.0		sem2	4	0	1								

201.00	Psychopedagogy of Adolescents, Youngs and Adults	2	1	0	0	0			Gr	125	28	14	83	5.0	DC	DFA						
301.00	Volunteering 1	0	1	0	0	0			A/R	50	0	14	36	2.0	DC	DFA						
100.00	Secure Infrastructure and Deployments in Microsoft Azure						2	0	2	0	0	Gr	125	28	28	69	5.0	DS	DFA			
202.00	Design and Management of Educational Programs						2	1	0	0	0	Gr	125	28	14	83	5.0	DC	DFA			
203.10	Educational Communication						1	2	0	0	0	Gr	125	14	28	83	5.0	DC	DFA			
203.20	Educational Research Methodology						1	2	0	0	0	Gr	125	14	28	83	5.0	DC	DFA			
203.30	Modern Trends in Assessement Theory and Practice						1	2	0	0	0	Gr	125	14	28	83	5.0	DC	DFA			
302.00	Volunteering 2						0	1	0	0	0	A/R	50	0	14	36	2.0	DC	DFA			
TOTAL YEAR		2	2	0	0	0	5	4	2	0	0	sem1 sem2	1 3	0 0	1 1	600	98	112	390	7.0	17.0	

Rector,
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Dean,
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