



Curriculum
2025 - 2027

Domain: Computers and Information Technology
Programme: Cybersecurity Management and Data Sovereignty



Academic Year: 2025 - 2026
Year of study: I
Semester: I

No.	Module Code	Module Name	Category	No. ECTS	Hours/Week					Evaluation Type	
					AI	SF	ST	L	P		
Compulsory Modules (Ob)											
1	UPB.03.CTI.M.xx.R.I.Ob.1	Cybersecurity Culture, Strategy & Leadership	DS	7	3	1	1			E	
2	UPB.03.CTI.M.xx.R.I.Ob.2	Enterprise Architecture, Infrastructure Design and Cloud Computing	DS	7	3			2		E	
3	UPB.03.CTI.M.xx.R.I.Ob.3	Technological Foundations for CS & Security Controls	DA	6	2			2		E	
4	UPB.03.CTI.M.xx.R.I.Ob.4	Supervised Applied Project	DA	10					10	Clv	
Statistics:			ECTS/Hour:	30	8	1	1	4	10	Ex.	Ver.
			No:		3	1	1	2	1	3	1
			Total hours:		24						
Optional Modules (F)											
5	UPB.03.CTI.M.xx.R.I.F.17	Design and Management of Educational Programs	DC	5	2	0.5	0.5			E	

Activity Type: AI - self-study activities; SF - in-person seminar; ST - tutored seminar; L - lab and practical activities; P - project, practice.

TOTAL NUMBER OF HOURS	Compulsory Modules:	24
	Elective Modules:	0
	Optional Modules:	3

Rector,
Mihnea-Cosmin COSTOIU

Dean,
Mihnea Alexandru MOISESCU

Head of Department,
Emil Ioan SLUȘANSCHI



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2025 - 2027

Domain: Computers and Information Technology
Programme: Cybersecurity Management and Data Sovereignty



Academic Year: 2025 - 2026

Year of study: I

Semester: II

No.	Module Code	Module Name	Category	No. ECTS	Hours/Week					Evaluation Type	
					AI	SF	ST	L	P		
Compulsory Modules (Ob)											
1	UPB.03.CTI.M.xx.R.II.Ob.5	Security Operations	DS	6	2			2		E	
2	UPB.03.CTI.M.xx.R.II.Ob.6	Business Resilience, Incident Management and Threat Response	DS	6	2	1.5	0.5			E	
3	UPB.03.CTI.M.xx.R.II.Ob.7	Supervised Applied Project	DA	10					10	Clv	
Elective Modules (Op)											
4	UPB.03.CTI.M.xx.R.III.Op.13	Digital Forensics, Chain of Custody and eDiscovery	DS	4	2	1				E	
		Automation of Security Tasks and Data Analytics									
		Risk Management of Cyber-Physical Systems									
5	UPB.03.CTI.M.xx.R.III.Op.14	Cybersecurity Economics & Supply Chain	DS	4	2	1				E	
		Communication Design with Cybersecurity									
		Cybersecurity Law & Data Sovereignty									
Statistics:			ECTS/Hours:	30	8	3.5	0.5	2	10	Ex.	Ver.
			No.:		4	3	1	1	1	4	1
			Total hours:		24						
Optional Modules (F)											
6	UPB.03.CTI.M.xx.R.II.F.18	Psychopedagogy of Adolescents, Young People and Adults	DC	5	2	0.5	0.5			V	
7	UPB.03.CTI.M.xx.R.II.F.19	Counseling and Guidance	DC	5	1	1	1			V	

Activity Type: AI - self-study activities; SF - in-person seminar; ST - tutored seminar; L - lab and practical activities; P - project, practice.

TOTAL NUMBER OF HOURS	Compulsory Modules:	18
	Elective Modules:	6
	Optional Modules:	6

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					AI	SF	ST	L	P		
Compulsory Modules (Ob)											
1	UPB.03.CTI.M.xx.R.III.Ob.8	AI & Emerging Topics in Cybersecurity	DS	6	2			2		E	
2	UPB.03.CTI.M.xx.R.III.Ob.9	Law, Compliance, Governance, Policy, and Ethics	DS	6	2	1.5	0.5			E	
3	UPB.03.CTI.M.xx.R.III.Ob.10	Research Methods	DA	4	2	0.5	0.5			E	
4	UPB.03.CTI.M.xx.R.III.Ob.11	Supervised Applied Project	DA	10					10	Clv	
Elective Modules (Op)											
5	UPB.03.CTI.M.xx.R.III.Op.15	Cybersecurity Auditing	DS	4	2			1		E	
		Cybersecurity Education & Training Delivery I									
Statistics:			ECTS/Hours:	30	8	2	1	3	10	Ex.	Ver.
			No.:		4	2	2	2	1		
						Total hours:	24				
Optional Modules (F)											
6	UPB.03.CTI.M.xx.R.III.F.20	Didactics of the field and development in specialization didactics	DC	5	2	0.5	0.5			V	
7	UPB.03.CTI.M.xx.R.III.F.21	Sociology of education	DC	5	1	1	1			V	

Activity Type: AI - self-study activities; SF - in-person seminar; ST - tutored seminar; L - lab and practical activities; P - project, practice.

TOTAL NUMBER OF HOURS	Compulsory Modules:	21
	Elective Modules:	3
	Optional Modules:	6

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					AI	SF	ST	L	P		
Compulsory Modules (Ob)											
1	UPB.03.CTI.M.xx.R.IV.Ob.12	Practical and Scientific Research and Thesis	DA	25					20	Clv	
Elective Modules (Op)											
2	UPB.03.CTI.M.xx.R.III.Op.16	Malware Analysis	DS	5	2			2		E	
		Threat Intelligence									
		CISO and Crisis Communication									
		Ethical Hacking & Penetration Testing									
		Cybersecurity Education & Training Delivery II									
		Cybersecurity in Industry - Security of OT and Cyber-Physical Systems									
Machine and Deep Learning in Cybersecurity											
Statistics:			ECTS/Hours:	30	2	0	0	2	20	Ex.	Ver.
			No.:		1	0	0	1	1		
			Total hours:		24						
Optional Modules (F)											
3	UPB.03.CTI.M.xx.R.IV.F.22	Specialized Pedagogical Practice in pre-University Education	DC	5						V	
4	UPB.03.CTI.M.xx.R.IV.F.23	Graduation Exam: Level 2	DC	5						V	

Master Thesis Defense and Exam	10 ECTS
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Activity Type: AI - self-study activities; SF - in-person seminar; ST - tutored seminar; L - lab and practical activities; P - project, practice.

TOTAL NUMBER OF HOURS	Compulsory Modules:	20
	Elective Modules:	4
	Optional Modules:	0

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