

Domain **SYSTEMS ENGINEERING**
 Program Name **CYBER PHYSICAL SYSTEMS**
 Study Level **RESEARCH MASTERS**

CURRICULA Valid for the Academic Year **2023-2024**

COURSE CODE AND TITLE	Year I					Methods of Assessment			No. of Hours/Discipline				ECTS/Sem		Discipline						
	SEM 1 14 weeks					SEM 2 14 weeks					E	C	V	Total	C	Apl	Indiv. St.	1	2	cat	type
	C	S	L	P	Pr/Ce	C	S	L	P	Pr/Ce											
1.00 Mathematical Foundation of Data Science	1	0	2	0	0						Gr		100	14	28	58	4.0		DA	DI	
2.00 Evolutive Systems	2	0	1	0	0						Gr		100	28	14	58	4.0		DA	DI	
3.00 Machine Learning	2	0	1	0	0						Gr		100	28	14	58	4.0		DA	DI	
4.00 Research Methods	2	0	1	0	0						Gr		100	28	14	58	4.0		DA	DI	
5.00 Project Cyber-Physical Systems 1	0	0	0	2	0						Gr		100	0	28	72	4.0		DS	DO	
6.00 Research Cyber-Physical Systems 1	0	0	0	0	14						A/R		250	0	196	54	10.0		DS	DI	
7.00 Big Data for Cyber-Physical Systems						2	0	1	0	0	Gr		100	28	14	58		4.0	DS	DI	
8.00 Augmented Reality/Virtual Reality						1	0	2	0	0	Gr		100	14	28	58		4.0	DS	DI	
9.00 Operating Systems and Networks in Cyber-Physical Systems						2	0	1	0	0	Gr		100	28	14	58		4.0	DA	DI	
10.00 Cyber-Physical Systems' Security						2	0	1	0	0	Gr		100	28	14	58		4.0	DA	DI	
11.00 Project Cyber-Physical Systems 2						0	0	0	2	0	Gr		100	0	28	72		4.0	DS	DO	
12.00 Research Cyber-Physical Systems 2						0	0	0	0	14	A/R		250	0	196	54		10.0	DS	DI	
TOTAL AN	7	0	5	2	14	7	0	5	2	14	sem1	4	1	1	1500	196	588	716	30.0	30.0	
			14.00					14.00			sem2	4	1	1							
201.00 Psychopedagogy of Adolescents, Youngs and Adults	2	1	0	0	0						Gr		125	28	14	83	5.0		DC	DFac	
301.00 Volunteering 1	0	1	0	0	0						A/R		50	0	14	36	2.0		DC	DFac	
202.00 Design and Management of Educational Programs						2	1	0	0	0	Gr		125	28	14	83		5.0	DC	DFac	
203.10 Educational Communication						1	2	0	0	0	Gr		125	14	28	83		5.0	DC	DFac	
203.20 Educational Research Methodology						1	2	0	0	0	Gr		125	14	28	83		5.0	DC	DFac	
203.30 Modern Orientations in Evaluation Theory and Practice						1	2	0	0	0	Gr		125	14	28	83		5.0	DC	DFac	
302.00 Volunteering 2						0	1	0	0	0	A/R		50	0	14	36		2.0	DC	DFac	
TOTAL AN	2	2	0	0	0	3	4	0	0	0	sem1	1	0	1	475	70	84	321	7.0	12.0	
			4.00					7.00			sem2	2	0	1							

Rector,
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