

Domain ELECTRONICS, TELECOMMUNICATIONS AND INFORMATION TECHNOLOGIES ENGINEERING

Program Name COMMUNICATIONS INTEGRATED SYSTEMS WITH SPECIAL APPLICATIONS

Study Level RESEARCH MASTERS

**CURRICULA**

Valid for the Academic Year

2024-2025

COURSE CODE AND TITLE	Year I					Methods of Assessment	Nr.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
	C	S	L	P	Pr/Ce	C								
1.00 Technologies and Systems Used in Electronic Warfare	2	0	1	0	0	Gr	100	28	14	58	4.0		DA	DI
2.00 Electromagnetic Compatibility and Interference	1	0	2	0	0	Gr	100	14	28	58	4.0		DA	DI
3.00 Unified Communications in the Cloud	2	0	1	0	0	Gr	100	28	14	58	4.0		DA	DI
4.00 Antennas and Radio-Frequency Identification Sensors	2	0	1	0	0	Gr	100	28	14	58	4.0		DS	DI
5.00 Bioelectromagnetic Interactions and Protection Standards	1	0	1	0	0	Gr	100	14	14	72	4.0		DA	DI
6.00 Ethics and Academic Integrity	1	0	0	0	0	Gr	50	14	0	36	2.0		DC	DI
7.00 Research / Practical Activity I	0	0	0	0	13	Gr	200	0	182	18	8.0		DS	DI
8.10 Mobile Communications Systems						Gr	100	28	14	58		4.0	DA	DO
8.20 Information Secrecy Techniques						Gr	100	28	14	58		4.0	DA	DO
9.00 Digital Imaging for Special Applications						Gr	100	14	28	58		4.0	DS	DI
10.00 Satellite Communications Systems						Gr	100	28	14	58		4.0	DS	DI
11.10 Adaptive Methods for Processing Radio Signals						Gr	100	14	28	58		4.0	DA	DO
11.20 Machine Learning Applications for Wireless Communications						Gr	100	14	28	58		4.0	DA	DO
12.00 Digital Modulations for Radio Systems						Gr	100	14	14	72		4.0	DA	DI
13.00 Research / Practical activity II						Gr	250	0	196	54		10.0	DS	DI
TOTAL AN	9	0	6	0	13		1500							
							7	0	7	0	14			
						sem1	4	2	1		1500	224	560	716
						sem2	3	3	0					
											30.0	30.0		
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						Gr	125	28	14	83		5.0	DC	DFac
203.10 Educational Communication						Gr	125	14	28	83		5.0	DC	DFac
203.20 Educational Research Methodology						Gr	125	14	28	83		5.0	DC	DFac
203.30 Modern Orientations in Evaluation Theory and Practice						Gr	125	14	28	83		5.0	DC	DFac
302.00 Volunteering 2						A/R	50	0	14	36		2.0	DC	DFac

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TOTAL AN	2	2	0	0	0	3	4	0	0	0	sem1	1	0	1	<b>475</b>	70	84	321	7.0	12.0	
			4.00					7.00			sem2	2	0	1							

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COURSE CODE AND TITLE	Year I					Year II					Methods of Assessment			Nr.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												
14.00 Wireless Systems	2	0	2	0	0						Gr				125	28	28	69	5.0		DA	DI
15.00 Radio Networks Design	2	0	2	0	0						Gr				125	28	28	69	5.0		DA	DI
16.10 Communication Technologies for Intelligent Transportation Systems	1	0	2	0	0						Gr				125	14	28	83	5.0		DS	DO
16.20 Intelligent Wireless Communications Systems	1	0	2	0	0						Gr				125	14	28	83	5.0		DS	DO
17.00 Measurement of Radiocommunications Systems	2	0	1	0	0						Gr				125	28	14	83	5.0		DS	DI
18.00 Research / Practical activity III	0	0	0	0	14						Gr				250	0	196	54	10.0		DS	DI
19.00 Research / Practical activity IV						0	0	0	0	14	Gr				250	0	196	54		10.0	DS	DI
20.00 Dissertation Project Work						0	0	0	9	0	Gr				250	0	126	124		10.0	DS	DI
21.00 Field Specific Research for the Master Thesis						0	0	0	0	5	Gr				250	0	70	180		10.0	DS	DI
22.00 Dissertation Defense						0	0	0	0	0	Gr				0	0	0	0		10.0	DS	DI
<b>TOTAL AN</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>14</b>	sem1	4	1	0	<b>1500</b>	<b>98</b>	<b>686</b>	<b>716</b>	<b>30.0</b>	<b>30.0</b>		
											sem2	0	3	0						+ 10		
100.00 Introduction to Quantum Information	2	0	2	0	0						Gr				75	28	28	19	3.0		DA	DFac
204.00 Didactics of the Field and Development in Didactics Specialties (High School and Post High School Education)	2	1	0	0	0						Gr				125	28	14	83	5.0		DC	DFac
205.10 School Organization Management	1	2	0	0	0						Gr				125	14	28	83	5.0		DC	DFac
205.20 Metacognitive Education	1	2	0	0	0						Gr				125	14	28	83	5.0		DC	DFac
205.30 Intercultural Education	1	2	0	0	0						Gr				125	14	28	83	5.0		DC	DFac
303.00 Volunteering 3	0	1	0	0	0						A/R				50	0	14	36	2.0		DC	DFac
206.00 Teaching Practice (in Secondary School and Tertiary Education)						0	0	0	0	3	Gr				125	0	42	83		5.0	DC	DFac
207.00 Graduation exam - Level II						0	0	0	0	0	Gr				0	0	0	0		5.0	DC	DFac
304.00 Volunteering 4						0	1	0	0	0	A/R				50	0	14	36		2.0	DC	DFac

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TOTAL AN	5	4	2	0	0	0	1	0	0	3	sem1	2	1	1	<b>550</b>	70	140	340	15.0	7.0	
			11.00					1.00			sem2	0	1	1						+ 5	

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	C	S	L	P	Pr/Ce	Credite	Examene	Colocvii si verificari	Total evaluari	Nr.examene/tot.evaluari
Anul I	224	0	182	0	378	60	7	6	13	54 %
Anul II	98	0	98	126	462	60	4	4	8	50 %
TOTAL	322	0	280	126	840	120	11	10	21	52 %

NUMAR ORE TOTAL 1568

TOTAL ORE DIDACTICE 798

TOTAL ORE DISCIPLINE DE APROFUNDARE 378

TOTAL ORE DISCIPLINE DE SINTEZA 1176

TOTAL ORE DISCIPLINE COMPLEMENTARE - TIP DC 14 1.65 % din tot.activ.didactice oblig. max 20%

NUMAR DISCIPLINE COMPLEMENTARE - TIP DC 1

TOTAL ORE CURS 322

TOTAL ORE ACTIVITATI APLICATIVE 406

TOTAL ORE ACTIV.APLIC.FARA DISC.PARTIAL ASIST. 280

RAPORT CURS / ACTIV. PRACTICE 0.79 0.80-1.20

RAPORTAT LA ACTIV.APLIC.FARA DISC.PARTIAL ASIST. 1.15

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