

Master Type: Professional
 Language: English
 Academic degree: M.Sc.
 Duration of study: 2 years
 Degree Program: full time

Approved
 In Senat meeting from
 Senat President,
 Prof. Iulian-Aurelian CIOCOIU, PhD

CURRICULUM

1st Year 2020 - 2021

No.	Name of the discipline	Disc. Code ITT_..._	Category	1st Semester							2nd Semester							Total hrs./ year	
				No. hrs./week/ discipline					Fin Eval	K	No. hrs./week/ discipline					Fin Eval	K		
				14 weeks		18w					14 weeks		18w						
C	L	P	PA	IW	C	S	L	P	PA	IW									
501	Embedded Architectures and Operating Systems	ITT.IA.501	DD	1	1	1		78	E	5								120	
502	Advanced Signal Processing Techniques	ITT.IA.502	DS	1	2			78	V	5								120	
503	Software Engineering and Model Based Design	ITT.IA.503	DD	2	1			78	E	5								120	
504	Scripting for Communication Systems	ITT.IA.504	DD	1	1			68	E	4								96	
505	Networking, Cloud Computing and Cybersecurity	ITT.IA.505	DS								1	2			54	E	4	96	
506	Software Defined Radio	ITT.IA.506	DD								1	1			68	E	4	96	
507	Mobility and Wireless Technologies	ITT.IA.507	DS								2	1			54	E	4	96	
508	Control Systems and Virtual Instrumentation	ITT.IA.508	DD								1	2			54	V	4	96	
509	Smart Sensors and Sensor Networks	ITT.IA.509	DS								2	1			54	V	4	96	
510	Ethics and Academic Integrity	ITT.IA.510	DC								1	1			82	C	4	82	
ED	Object Oriented Software Design	ITT.IA.511A	DD	2		1		78	E	5								120	
	Embedded System Design and Modeling	ITT.IA.511B	DD	2		1													
PA	Professional Training 1	ITT.PA.512	DS	168 = 3h x 4d x 14w				0	V	6								168	
	Professional Training 2	ITT.PA.513	DS								168 = 3h x 4d x 14w				V	6	168		
FD	Social Competence & Interpersonal Skills*	ITT.IA.514	DC	1		1		68	C	4								96	
	Project Management for Information Systems*	ITT.IA.515	DC								1		1		68	C	4	96	
Sum of C, L, P, T / week				7	5	2	12				8	1	7	0	12				
Sum of hours of direct and partially assisted activities / week				14		12					16		12						
Sum of activity hours / week, verif., credits				26						4E,	30	28					3E,	30	420
Sum of hours direct with partially assisted activities and 1w / semester				196		150		380	2V,		224		150		366	3V,		746	
Sum of all activity hours / semester, year				726					1C		740				2C			1466	

MD – mandatory discipline; ED –elective discipline; FD –facultative discipline ; IA – independent activity; PA - Partial Assisted Activity
 C - coursework, L - laboratory, T -training, P - project, IW - individual work; K- credits;
 DS – discipline of synthesis, DD - in-depth discipline ; DC - Complementary Discipline; V - verification, E- Exam; C- Colloquium; A/R – accept/reject,
 Discipline Code: Specialisation Code (ITT - Information technologies for Telecommunications) +2 letters+3 digits
 * = credits and verifications not included in the total

RECTOR,
 Prof.univ.dr.ing. Dan Cașcaval

DECAN,
 Prof.univ.dr.ing. Daniela Tărniceanu

COORDONATOR DOMENIU DE MASTER,
 Șef lucrări dr.ing. Liviu Țigăeru

DIRECTOR DEPARTAMENT
 Conf.univ.dr.ing. Dănuț Burdia