

Domeniul fundamental (DFI): Inginerie Electronică și Telecomunicații

Ramura de știință (RSI): Inginerie Electrică, Electronică și Telecomunicații

Domeniul de licență (DL): Inginerie Electronică, Telecomunicații și Tehnologii Informaționale

Specializarea (S): Tehnologii și sisteme de telecomunicații (Engleza)

Cod DFI.	CodRSI.	CodDL.	CodS
20	20	100	10

ciclul	c1c2c3	a1a2
L	234	18

PLAN DE ÎNVĂȚĂMÂNT
An universitar 2018 - 2019

ANUL IV																		
SEMESTRUL 7								SEMESTRUL 8										
1	Electronic Equipment Testing								Optional Topic 3 set 2L1.8 (doua discipline din 4)									
	L234.18.07.S1	5	E	28	0	28	0	DS	74	L234.18.08.SX-ij	3	E	21	0	21	0	DS	36
2	Software Development								Optional Topic 4 set 2L1.8 (doua discipline din 4)									
	L234.18.07.D2	5	D	28	0	14	14	DD	74	L234.18.08.SY-ij	3	E	21	0	21	0	DS	36
3	Packed Optional Topic 2.1 (pachetul 1P1.7.x - disciplina 1 P1.7.x.1)								Software Project set 3L2.8 (disciplina 3L2.8.1 sau 3L2.8.2 - se alege in corelare cu pachetul 1P1.7.1 sau 1P1.7.2 ales,									
	L234.18.07.SX-ij	4	E	28	0	28	0	DS	48	L234.18.08.S3-ij	3	P-D	0	0	0	14	DS	64
4	Packed Optional Topic 2.2 (pachetul 1P1.7.x - disciplina 1 P1.7.x.2)								Electronic Packaging									
	L234.18.07.SY-ij	2	P-D	0	0	0	28	DS	24	L234.18.08.S4	3	E	21	0	21	0	DS	36
5	Modelling and Simulation								Wireless Communications									
	L234.18.07.S5	5	E	28	0	14	14	DS	74	L234.18.08.S5	3	E	21	0	21	0	DS	36
6	Microelectronics								Diploma Project (practical training - 2 weeks x 26 hours, project work -5 weeks x 26 hours)									
	L234.18.07.S6	5	D	28	0	28	0	DS	74	L234.18.08.S6	5	D				182	DS	
7	Integrated Digital Networks								Diploma Exam									
	L234.18.07.S7	4	E	28	0	28	0	DS	48	L234.18.08.E7	10	E				0	E	
8																		
9																		
total/ sem.	ore:		364		VPI:		416		ore:		364		VPI:		208			
	credite:		30		evaluări:		8		credite:		30		evaluări:		E, 1D, 1P-			
total/ săpt.	ore:		26		3E, 3D, 1P-D				ore:		26							
	din care:				12		0		10		4		(c, s, l, p)		din care:		6 0 6 14 (c, s, l, p)	

Professional competences:

Use of fundamentals in terms of devices, circuits, systems, instrumentation and electronics technology

Application of basic methods for signal acquisition and processing

Application of knowledge, concepts and basic methods related to computer system architecture, microprocessors, microcontrollers, programming languages and techniques

Design, implementation and service operation of data, voice, video multimedia, based on understanding and applying fundamental concepts in communications and information transmission

Selection, installation, configuration and operation of fixed and mobile equipment and equipping the site with common telecommunication networks

Solving technological problems in fields of applied electronics

Cross-disciplinary competences:

Methodical analysis of field-related problems aimed at identifying acknowledged solutions, thus ensuring the accomplishment of professional tasks

Definition of activity stages and their distribution to subordinates in terms of responsibilities, providing effective exchange of information and interpersonal communication

Adaptation to new technologies, professional and personal development through continuous training, using printed documentation sources, specialized software and electronic resources in Romanian and at least one

RECTOR,
Prof.univ.dr.ing. Viorel-Aurel ȘERBAN

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Prof.univ. dr. ing Florin ALEXA

DISCIPLINE OPTIONALE
An universitar 2018 - 2019

		ANUL IV															
		SEMESTRUL 7								SEMESTRUL 8							
01	VHDL disciplina 1P1.7.1.1 din pachetul 1P1.7.1								Digital Radio Communications (set 2L1.8 - disciplina 2L1.8.1)								
	L234.18.07.S#-01	4	E	28	0	28	0	DS	48	L234.18.08.S#-01	3	E	21	0	21	0	DS
02	Project VHDL disciplina 1P1.7.1.2 din pachetul 1P1.7.1								Optical Communications (set 2L1.8 - disciplina 2L1.8.2)								
	L234.18.07.S#-02	2	P-D	0	0	0	28	DS	24	L234.18.08.S#-02	3	E	21	0	21	0	DS
03	Digital Signals Processors disciplina 1P1.7.2.1 din pachetul 1P1.7.2								Image Processing (set 2L1.8 - disciplina 2L1.8.3)								
	L234.18.07.S#-03	4	E	28	14	14	0	DS	48	L234.18.08.S#-03	3	E	21	0	21	0	DS
04	Project Digital Signals Processors disciplina 1P1.7.2.2 din pachetul 1P1.7.2								Biomedical Electronics (set 2L1.8 - disciplina 2L1.8.4)								
	L234.18.07.S#-04	2	P-D	0	0	0	28	DS	24	L234.18.08.S#-04	3	E	21	0	21	0	DS
05									Software Project - VHDL (set 3L2.8 - disciplina 3L2.8.1)								
										L234.18.08.S3-05	3	P-D	0	0	0	14	DS
06									Software Project - Digital Signals Processors (set 3L2.8 - disciplina 3L2.8.2)								
										L234.18.08.S3-06	3	P-D	0	0	0	14	DS
07																	

Nota: Din fiecare dintre grupurile de **Discipline opționale** se activează un număr de discipline în funcție de opțiunile studenților, de numărul studenților și de acoperirea financiară.

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DISCIPLINE FACULTATIVE
An universitar 2018 - 2019

ANUL IV																	
SEMESTRUL 7							SEMESTRUL 8										
01	Psihologia educatiei *							Didactica specialitatii									
	L234.18.07.f01	5	E	28	28	0	0	f	74	L234.18.08.f01	5	E	28	28	0	0	f
02								Pedagogie I (Fundamente pedagogice; Teoria si metodologia curriculum-ului)									
										L234.18.08.f02	5	E	28	28	0	0	f
03								Voluntariat									
										L234.18.08.f03	2	C	0	0	0	28	f
04																	
total/ sem.	ore:		56		VPI:		74		ore:		140		VPI:		148		
	credite:		5		evaluări:		1		credite:		12		evaluări:		1		
total/ săpt.	ore:		4		1E		(c, s, l, p)		ore:		10		3E		(c, s, l, p)		
	din care:		2		2		0 0		din care:		4		4		0 2		

Legenda													
Nume disciplina													
Cod	nc	FE	c	s	l	p	CF	VPI					
<p>Cod = cod disciplina nc = nr.credite transferabile FE = forma de evaluare FE ∈ {E, D, C, P-E, P-D} E=examen D=evaluare distribuita C=colocviu P - E - proiect autonom cu examinare ca si in cazul disciplinelor cu examen P - D - proiect autonom cu examinare ca si in cazul disciplinelor cu evaluare distribuita c=nr.ore curs/semestru (*) - discipline optionale activate in anul universitar 2018 / 2019 s=nr.ore seminar l=nr.ore laborator p=nr.ore proiect CF=categorie formativa careia ii apartine disciplina CF ∈ {DC, DD, DF, DS} DC - disciplina complementara DD - disciplina in domeniu DF - disciplina fundamentala DS - disciplina de specialitate VPI = volum de ore necesar pregatirii individuale</p>													
Exemplu													
Analiza matematica													
Cod	4	E	28	28	0	0	DF	60					

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