

Sem. I	Sem. II
Nr. sapt./sem. daca ≠ 14	

PLAN DE ÎNVĂȚĂMÂNT – Anul II (2026-2027)

Disciplina	Cod	DF DS DC	DOB DOP DFA	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2	SI
DISCIPLINE OBLIGATORII SI OPTIONALE																	
Data Structures and Algorithms	D27CEL319	DS	DOB	1	2		2		5	E							69
Computer Systems Architecture	D27CEL320	DS	DOB	1	2	1	2		5	E							55
Object Oriented Programming	D27CEL321	DS	DOB	1	3		2		5	E							55
Electronic Devices and Analog Electronics	D27CEL322	DS	DOB	1	2	1	1		5	E							69
System Theory	D27CEL323	DS	DOB	1	2	2			4	E							44
General Economics	D27CEL324	DC	DOB	1	1	1			2	V							22
English Language III	D27CEL325	DC	DOB	1	1	1			2	V							22
Ethics and Academic Integrity	D27CEL326	DC	DOB	1	1				2	V							36
Computer Structure and Organization	D27CEL426	DS	DOB	1							2	1	2		5	E	55
Artificial Intelligence	D27CEL427	DS	DOB	1							2	1	1		4	E	44
Computer Graphics	D27CEL428	DS	DOB	1							2		2		4	E	44
Object Oriented Applications Design	D27CEL429	DS	DOB	1							3		2		4	E	30
Numerical Methods	D27CEL430	DF	DOB	1							2		2		4	E	44
Electronic Measurements, Sensors and Transducers	D27CEL431	DS	DOB	1							2		1		3	V	33
English Language IV	D27CEL432	DC	DOB	1							1	1			2	V	22
Practical Stage* I (3 weeks = 90 hours)	D27CEL433	DS	DOB	2										6.43	4	V	90
Physical Education and Sport III	D27CEL334	DC	DOB	1		1			1*	A/R							11
Physical Education and Sport IV	D27CEL435	DC	DOB	1								1			1*	A/R	11
TOTAL					14	7	7	0	30		14	4	10	0	30		756
DISCIPLINE FACULTATIVE																	
Probability Theory and Mathematical Statistics	D27CEL327	DF	DFA	0	2	1			3	V							33
SPICE Models	D27CEL328	DC	DFA	0	1		1		2	V							22
Competitive Programming	D27CEL436	DS	DFA	0							1	1			2	V	22
Embedded Programming	D27CEL437	DS	DFA	0							2		2		3	E	19
TOTAL					3	1	1	0	5		3	1	2	0	5		

* Se acorda peste cele 30 credite transferabile ale unui semestru conform Hotararii Consiliului ARACIS din data de 28.06.2012

Tipuri de discipline:

1. Tipuri de discipline după categoria formativă:

DF- discipline fundamentale,

DS- discipline de specializare

DC- discipline complementare

2. Tipuri de discipline după opționalitate:

DOB- Discipline obligatorii impuse

DOP- Discipline obligatorii opționale

DFA- discipline facultative

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PLAN DE ÎNVĂȚĂMÂNT – Anul III (2027-2028)

Disciplina	Cod	DF DS DC	DOB DOP DFA	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2	SI
DISCIPLINE OBLIGATORII SI OPTIONALE																	
Digital Electronics	D27CEL538	DS	DOB	1	2		2		4	E							44
Databases	D27CEL539	DS	DOB	1	2		2		5	E							69
Operating Systems	D27CEL540	DS	DOB	1	3		2		5	E							55
Communication Protocols	D27CEL541	DS	DOB	1	2		2		5	E							69
Concurrent and Distributed Systems	D27CEL542	DS	DOB	1	3		2		5	E							55
Modelling and Simulation	D27CEL543	DS	DOB	1	2		2		4	V							44
Project I Computers	D27CEL544	DS	DOB	1				2	2	V							22
Parallel and Distributed Algorithms	D27CEL645	DS	DOB	1							3		2		4	E	30
Software Engineering	D27CEL646	DS	DOB	1							3		2		4	E	30
Web Applications Design	D27CEL647	DS	DOB	1							2		2		4	E	44
Computer Networks	D27CEL648	DS	DOB	1							2		2		4	E	44
Microprocessor Design	D27CEL649	DS	DOB	1							2		2		4	E	44
Formal Languages and Automata	D27CEL650	DS	DOB	1							2	1	1		4	V	44
Project II Use of Databases	D27CEL651	DS	DOB	1										2	2	V	22
Practical Stage* II (3 weeks = 90 hours)	D27CEL652	DS	DOB	2										6.43	4	V	90
TOTAL					14	0	12	2	30		14	1	11	2	30		706
DISCIPLINE FACULTATIVE																	
Robot Control Systems	D27CEL653	DS	DFA	0							2		2		4	V	44
Entrepreneurship in CIT	D27CEL545	DC	DFA	0							2	1			3	V	33
Industrial Software	D27CEL546	DS	DFA	0	2		2		3	E							19
Decision and Estimation in Information Processing	D27CEL547	DS	DFA	0	2		1		3	E							33
Radiocommunications	D27CEL654	DS	DFA	0							2		1		3	V	33
TOTAL					4	0	3	0	6		6	1	3	0	10		

DFA- Discipline facultative

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PLAN DE ÎNVĂȚĂMÂNT – Anul IV (2028-2029)

Disciplina	Cod	DF DS DC	DOB DOP DFA	Opt. 0/≥1	C1	S1	L1	P1	CT1	FV1	C2	S2	L2	P2	CT2	FV2	SI
DISCIPLINE OBLIGATORII SI OPTIONALE																	
Software Project Management	D27CEL755	DS	DOB	1	2		2		5	E							69
E-Commerce	D27CEL756	DS	DOB	1	2		2	1	5	E							55
Data Security	D27CEL757	DS	DOB	1	2		2		4	E							44
Database Design	D27CEL758	DS	DOP	1	2		2		5	E							69
Translator Design	D27CEL759	DS	DOP	1	2		2		5	E							69
Machine Learning	D27CEL760	DS	DOP	1	2		2		4	V							44
Project III Tools for Program Development	D27CEL761	DS	DOP	1				2	2	V							22
Computer Network Management	D27CEL762	DS	DOP	0	2		2		5	E							69
Introduction to Quantum Computing and Communications	D27CEL763	DS	DOP	0	2		2		5	E							69
Embedded Systems	D27CEL764	DS	DOP	0	2		2		4	V							44
Project IV Microcontrollers	D27CEL765	DS	DOP	0				2	2	V							22
Practical Stage for License Project Completion (60 hours)	D27CEL866	DS	DOB	2										6	5	V	60
Mobile Computing	D27CEL867	DS	DOB	1							3		2		5	E	75
Information Retrieval	D27CEL868	DS	DOP	1							3		1		4	E	60
Graphic Processing Systems	D27CEL869	DS	DOP	1							2		2		4	E	60
Multimedia Systems	D27CEL870	DS	DOP	1							2		2		4	V	60
Human-Computer Interaction	D27CEL871	DS	DOP	1							3		1		4	V	60
Testing of Computer Systems	D27CEL872	DS	DOP	0							3		1		4	E	60
Signal Processing	D27CEL873	DS	DOP	0							2		2		4	E	60
Sensor Networks	D27CEL874	DS	DOP	0							2		2		4	V	60
Real Time Computer Systems	D27CEL875	DS	DOP	0							3		1		4	V	60
License Project Completion (56 hours)	D27CEL876	DS	DOB	1										6	4	V	56
Graduation Exam		DS	DOB	0											10	E	
TOTAL					12	0	12	3	30		13	0	8	6	30		803
DISCIPLINE FACULTATIVE																	
Image Processing and Pattern Recognition	D27CEL766	DS	DFA	0	2		1	1	3	E							19
Multimedia Technologies in e-Learning	D27CEL767	DS	DFA	0	2		1		3	E							33
WEB Technologies	D27CEL877	DS	DFA	0							2		1		3	E	33
Diagnosis and Decision Techniques	D27CEL878	DS	DFA	0							2		1		3	E	33
TOTAL					4	0	2	1	6		4	0	2	0	6		

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