

PLAN DE ÎNVĂȚĂMÂNT

Pentru seria de studenți 2025-2029

Programul de studii - Licență:

Domeniul fundamental (DFI):

Ramura de știință (RSI):

Domeniul de licență (DL):

Durata studiilor / Numărul de credite:

Forma de învățământ:

Tehnologii și Sisteme de telecomunicații, în limba engleză

Științe Inginerești

Inginerie Electrică, Electronică și Telecomunicații

Inginerie Electronică, Telecomunicații și Tehnologii Informaționale

4 ani / 240 credite

IF - Învățământ cu frecvență

RECTOR,
Conf.univ.dr.ing. Florin DRĂGAN

DECAN,
Prof.univ.dr.ing. Cătălin-Daniel CĂLEANU

Misiunea programului de studii:

The didactic mission:

- a) Training of highly qualified engineers in the field of Electronics and Telecommunication and Information Technologies, exhibiting in-depth knowledge regarding electronic circuit design, optical and mobile telecommunication systems, use of telecommunications software, technologies and multimedia production.
- b) Training of graduates who have skills and abilities to design, develop, implement and maintain electronic telecommunications systems and equipment, voice, video and multimedia services, databases and telecommunications software applications.

The scientific reasearch mission:

- a) Involving the education staff and the students in fundamental, exploratory and applied research in the field of Electronics and Telecommunications, in order to develop knowledge in accordance to the needs of the academic communitcy and economic environment;
- b) Producing graduates who are able to be involved in research activities and to improve their knowledge through master”s and doctoral studies, bu training them to carry out research topics and projects, under the coordination of the departments involved in the study programme.

Obiectivele programului de studii:

- a. Competitice training of graduates with solid knowledge in the field of electronics, telecommunications and information technologies in general, with emphasis in telecommunications technologies and systems - optical and mobile telecommunications circuits specialized telecommunications software, technologies and multimedia production.
- b. Training graduates in terms of scientific research, technological development and practica design

Competențele programului de studii:

Competențe profesionale:

- Design a computer network
- Supports users of ICT systems
- Use the communication session controller
- Uses a complex communication system
- Records transmitter readings
- Manages the internal telephone exchange
- Calibrate electronic instruments
- Works with electronic measuring instruments
- Perform firmware updates
- Perform analytical calculations
- Develop digital content;
- Use electronic services;
- Approves engineering projects
- Develops procedures for testing electronic products, systems and components
- Designs electronic systems

Competențe transversale:

- Think creatively;
- Critically evaluates information and its sources;
- Assumes responsibility;
- Accurately uses equipment, instruments or technological equipment

Rezultatele învățării specifice programului de studii:

Cunoștințe	Aptitudini	Responsabilitate și autonomie
------------	------------	-------------------------------

C1. The student/graduate identifies and describes basic concepts, principles and methods in mathematics, physics, computer-aided graphics, the basics of electrical engineering, programming languages C2. The student/graduate explains and interprets theoretical and experimental results in mathematics, physics, circuit analysis and synthesis, computer programming, and computer-aided graphics. C3. The student/graduate describes, identifies, and summarizes elementary concepts and methods related to electronic devices, circuits, and instrumentation and their application to concrete problems. C4. The student/graduate describes, identifies, summarizes concepts and elementary methods of signal acquisition, analysis and processing, implemented in systems with general-purpose processors or signal processors and their application in concrete problems. C5. The student/graduate describes, identifies, summarizes elementary concepts and methods regarding the architecture of computer systems, microcontrollers, programming languages and techniques and their application in concrete problems. C6. The student/graduate explains the operation of elementary electronic devices and the principles of measuring electrical parameters. C7. The student/graduate explains concepts of communications, electromagnetic compatibility, and instrumentation. C8. The student/graduate identifies, formulates, analyzes the principles of electronic circuits and the risks associated with them. C9. The student/graduate describes, identifies, summarizes concepts of electronic engineering, telecommunications and information technologies such as functionality, replication capacity and design costs and how they are applied to carry out engineering projects. C10. The student/graduate explains and interprets drawings that detail the design of electronic engineering products, instruments, and systems. C11. The student/graduate describes, identifies, summarizes elementary concepts and methods regarding policies and legislation applicable in a specific field. C12. The student/graduate identifies the capacity of ICT systems. C13. The student/graduate identifies and summarizes the bandwidth requirements of networks. C14. The student/graduate describes and identifies technical requirements. C15. The student/graduate summarizes the process C16. The student/graduate identifies and summarizes the costs of installing telecommunications devices. C17. The student/graduate describes and summarizes the elements of a virtual private network. C18. The student/graduate describes and summarizes the elements of a computer network. C19. The student/graduate identifies and describes a complex communication system C20. The student/graduate summarizes the processes of an internal telephone exchange. C21. The student/graduate describes, identifies, summarizes the digital content development process C22. The student/graduate describes, identifies, summarizes the visual design process of websites	A1. The student/graduate operates with basic concepts, principles and methods in mathematics, physics, computer-aided graphics, the basics of electrical engineering, programming languages. A2. The student/graduate solves problems in mathematics, physics and the basics of electrical engineering with applicability in engineering and validates the solution obtained. A3. The student/graduate performs engineering and economic calculations of medium complexity and associates them with graphical representations or specific to computer-aided design. A4. The student/graduate applies mathematical and physical methods to analyze and model simple engineering problems. A5. The student/graduate applies criteria and evaluation methods to identify, model, experiment, analyze and qualitatively and quantitatively assess phenomena and processes specific to the fundamental field, including using digital technologies. A6. The student/graduate acquires and processes data, interprets theoretical and experimental results. A7. The student/graduate designs solutions, respecting relevant standards, for engineering problems of medium complexity that meet the specified needs, respecting public health, safety, welfare, environment, sustainability and economic factors, as well as other specific constraints. A8. The student/graduate develops technical execution and overall drawings in letter format or computer-aided design. A9. The student/graduate applies modern project management techniques, economic techniques and decision-making, including in a multidisciplinary framework. A10. The student/graduate uses fundamental methods of measuring electrical quantities and estimates electronic devices and circuits, as well as linear and digital integrated circuits of low/medium complexity. A11. The student/graduate designs, measures, evaluates performance, diagnoses and troubleshoots functional blocks composed of electronic devices and/or circuits of low/medium complexity. A12. The student/graduate designs electronic circuits of low/medium complexity and implements them using CAD techniques. A13. The student/graduate uses specific methods and tools for the characterization of signals in the time domain and in the frequency domain, performs the acquisition, analysis and digital processing of analog signals. A14. The student/graduate designs, measures, evaluates the performance, diagnoses and troubleshoots low/medium complexity functional blocks for digital signal analysis and processing, using dedicated simulation environments (Matlab, Python, etc.). A15. The student/graduate designs low/medium complexity functional blocks for digital signal analysis and processing and implements them on signal processors, microcontrollers or dedicated processors. A16. The student/graduate evaluates, based on specific performance criteria, the type of computing system, its architecture and the mode of use necessary for an efficient solution of concrete problems. A17. The student/graduate specifies requirements, develops programs in general-purpose programming languages (C, etc.) and/or object-oriented (C++, Java, etc.), executes, debugs and interprets the results of the programs developed in order to solve a concrete problem. A18. The student/graduate carries out projects of low/medium complexity that involve the simultaneous use of hardware components (microprocessors or microcontrollers) and software components (the related	RA1. The student/graduate applies the values of ethics and deontology of the engineering profession. RA2. The student/graduate practices logical reasoning, evaluation, and self-assessment in decision-making. RA3. The student/graduate communicates effectively about engineering activities with a wide range of audiences. RA4. The student/graduate is engaged in lifelong learning to acquire and implement knowledge, as needed, using appropriate learning strategies. RA5. The student/graduate promotes dialogue, cooperation, respect for others, and interculturality. RA6. The student/graduate works effectively as a team member or team leader. RA7. The student/graduate carries out processes in electronics, telecommunications and information technology project management, taking on different roles in the team and clearly and concisely describing the results, verbally and in writing. RA8. The student/graduate shows a spirit of initiative and action to update professional, economic and organizational culture knowledge. RA9. The student/graduate behaves honorably, responsibly, ethically, in accordance with the law to ensure the reputation of the profession. RA10. The student/graduate demonstrates the ability to self-organize and manage study time, respecting the requirements and deadlines of academic activities. RA11. The student/graduate applies project management methods and economic methods, such as risk and change management, as well as their limits. RA12. The student/graduate reflects critically, reflexively, with a sense of responsibility and in a democratic spirit on the ethical and social responsibilities related to the management of activities in the field of energy engineering, decision-making and the formulation of opinions.
---	---	--

(microprocessors or microcontrollers) and software components (the related programs).

A19. The student/graduate develops and solves practical exercises, laboratory work and applied problems, demonstrating the ability to integrate theoretical concepts.

A20. The student/graduate evaluates the quality and performance of electronic equipment and performs system testing.

A21. The student/graduate adjusts product or product part designs so that they meet requirements.

A22. The student/graduate creates and/or executes a plan or specification for the design of electronic systems.

A23. The student/graduate discovers defects in electronic circuits and can repair them.

A24. The student/graduate tests and replaces electronic components, using measuring devices and soldering equipment.

A25. The student/graduate explains electronic circuits.

A26. The student/graduate specifies technical properties of goods, materials, methods, processes, services, systems, software and functionalities, by identifying and responding to particular needs to be met according to customer requirements.

A27. The student/graduate performs the evaluation and analysis of an intelligent electronic or telecommunications system.

A28. The student/graduate performs a standardized study to determine the contribution, costs and constraints to energy saving and conducts research to support the decision-making process, taking into account the challenges and opportunities associated with the implementation of technologies in the fields of electronics, telecommunications and information technology.

A29. The student/graduate develops analog and digital, electronic and telecommunications circuits, systems and products.

A30. The student/graduate uses modeling, simulation and testing of process elements in a problem-oriented manner in their integration during development

A31. The student/graduate draws sketches and designs electronic systems, products and components using computer-aided design (CAD) software and equipment.

A32. The student/graduate draws electronic schematics.

A33. The student/graduate creates sketches and technical drawings using specialized software.

A34. The student/graduate selects and applies current modeling, calculation, design and testing methods for their field.

A35. The student/graduate uses databases, standards, codes of practice and safety regulations.

A36. The student/graduate evaluates the impact of engineering solutions in a social environment, integrating the environmental context.

A37. The student/graduate evaluates the performance of ICT systems.

A38. The student/graduate evaluates the bandwidth requirements of networks.

A39. The student/graduate carries out projects of low/medium complexity in accordance with specific technical requirements.

A40. The student/graduate designs and evaluates process performance.

A41. The student/graduate estimates the costs of installing telecommunications devices.

A42. The student/graduate designs and implements a virtual private network.

A43. The student/graduate designs and implements a computer network.

A44. The student/graduate creates complex communication systems.

A45. The student/graduate uses an internal telephone exchange.

A46. The student/graduate develops digital content

A47. The student/graduate implements the visual design of websites

--	--	--

Rezultatele complementare ale învățării:		
Cunoștințe	Aptitudini	Responsabilitate și autonomie
C1. The student/graduate identifies and describes principles of economic and managerial engineering, characteristics of software packages to assist activities in the field. C2. The student/graduate identifies the object of study of management science, based on advanced knowledge related to management processes, managerial functions, company functions as well as the managerial tools used within organizations, in order to adopt optimal decisions at any level. C3. The student/graduate explains and interprets technical, economic and managerial documentation for the development of projects and processes specific to the field. Accumulates knowledge regarding the components, typology and role of managerial strategies and policies as well as their substantiation, development and implementation within organizations as a whole or by subdivisions. C4. The student/graduate defines economic concepts, principles and theories, as well as concepts regarding decision-making, planning, organization and control processes of activities. At the same time, they will identify and select methods and techniques specific to marketing activity. C5. The student/graduate has the necessary knowledge and critical understanding regarding the formation and development of project teams, as well as those regarding the specifics of communication processes within projects. C6. The student/graduate describes and classifies the main linguistic concepts and theories regarding the phonetic, lexical, syntactic, semantic and pragmatic system of foreign languages. C7. The student/graduate distinguishes in English and German the linguistic standards and norms and the terminology specific to different professional contexts. C8. The student/graduate knows the physical demands of daily or professional activities. C9. The student/graduate knows the benefits of regular physical activity. C10. The student/graduate knows the fundamental rules of personal and collective hygiene.	A1. The student/graduate appreciates the quality and identifies the limits of concepts, symbolizations and representations specific to the field. A2. The student/graduate selects and applies concepts, principles and methods to solve particular problems in the development of technical, economic and managerial documentation. A3. The student/graduate develops skills in the development and implementation of organizational strategies and policies, in the design, redesign and improvement of the organization's management system and its subcomponents A4. The student/graduate applies health and safety standards in solving field-specific tasks. A5. The student/graduate evaluates the advantages and limitations of software applications for solving field-specific tasks. A6. The student/graduate develops skills in developing and implementing organizational strategies and policies, in designing, redesigning and improving the organization's management system and its subcomponents. A7. The student/graduate develops technical, economic and managerial documentation associated with specific engineering and management projects. A8. The student/graduate develops computer-assisted technical-economic and/or managerial projects by using software applications specific to the field. A9. The student/graduate demonstrates skills in using economic indicators to analyze the evolution of economic phenomena, interpreting trends and their impact on the business environment. They will also adequately apply the methodology of planning and coordinating the decision-making process, using specific control, evaluation and monitoring tools to optimize economic and managerial activities. A10. The student/graduate experiences marketing techniques in analyzing the internal and external environment of an economic entity and analyzing the market for products and services. A11. The student/graduate develops skills for the appropriate use of concepts, theories, methods and tools of an informational, decision-making and organizational nature within organizations. A12. The student/graduate develops advanced communication and reporting skills within projects and in the formation of project teams. A13. The student/graduate applies the main linguistic concepts and theories in the production of texts in the foreign languages studied. A14. The student/graduate applies the standards and norms of the respective languages. A15. The student/graduate mobilizes himself/herself to cope with varied physical demands. A16. The student/graduate consistently participates in activities that support physical fitness and well-being A17. The student/graduate complies with hygiene standards in daily activities.	RA1. The student/graduate documents, describes and manages processes specific to engineering project management by taking on different roles in the team and presenting the results. RA2. The student/graduate develops work and communication skills for effective collaboration in carrying out tasks specific to the field. RA3. The student/graduate initiates and manages actions to update professional knowledge specific to the field. RA4. The student/graduate evaluates and capitalizes on business and entrepreneurial development opportunities. Demonstrates the ability to carry out analysis and diagnosis work related to the functioning of the organization as a whole or by subdivisions. RA5. The student/graduate is aware of the aspects of social responsibility and professional ethics. RA6. The student/graduate develops solutions to streamline economic activities, economic and financial reports, market studies, designs marketing policies and strategies for business development, responsibly assuming decision-making and implementing the results of monitoring and control activities at the organizational level. RA7. The student/graduate demonstrates the ability to apply management functions both at the level of the organization's functions and as a whole and to assume the responsibilities specific to the position of manager at different hierarchical levels within organizations, in order to initiate, implement and monitor organizational strategies and policies. RA8. The student/graduate demonstrates the ability to initiate, carry out and monitor complex investment processes, based on the use of a methodology specific to feasibility studies and business plans, using appropriate tools (investment estimate, Gantt charts, cost-benefit analysis). RA9. The student/graduate uses appropriate expressions and words in producing texts in foreign languages. RA10. The student/graduate autonomously uses specific terminology from different professional contexts in English and German. applicable and identifies the appropriate terminology to be used. RA11. The student/graduate actively engages in physical tasks, adapting to the context. RA12. The student/graduate shows initiative to maintain a healthy lifestyle RA13. The student/graduate acts autonomously to maintain personal hygiene and common space.

Finalități:

Absolvenții programului de studii universitare de licență vor accesa următoarele ocupații posibile conform Clasificării Ocupațiilor din România ISCO-08:

- 2153.1 - telecommunications engineer (ESCO)
- 215303 - electrotechnical engineer
- 215310 - communications design engineer
- *2513.5 Web Developer
- *2152.1 Electronics Engineer

Domeniul fundamental (DFI):

Stiințe Inginerești

Ramura de stiinta (RSI):

Inginerie Electrică, Electronică și Telecomunicații

Domeniul de licenta (DL):

Inginerie Electronică, Telecomunicații și Tehnologii Informaționale

Programul de studii - Licență:

Tehnologii și Sisteme de telecomunicații, În limba engleză

Cod DFI	CodRSI	CodDL	Cod S	cicluI	c1c2c3	a1a2
20	20	100	10	L	230	25

PLAN DE ÎNVĂȚĂMÂNT
Pentru seria de studenți 2025-2029

	ANUL I (2025-2026)												ANUL II (2026-2027)																											
	SEMESTRUL 1										SEMESTRUL 2										SEMESTRUL 3										SEMESTRUL 4									
1	Calculus 1										Calculus 2										Electronic Circuits Fundamentals										Analog Integrated Circuits									
	L230.25.01.F1	4	E	28	28	0	0	0	DF	44	L230.25.02.F1	4	E	28	28	0	0	0	DF	44	L230.25.03.F1	5	E	28	0	28	0	0	DF	69	L230.25.04.F1	5	E	42	14	14	0	0	DF	55
2	Linear Algebra, Analytic and Differential Geometry										Special Mathematics										Fundamentals of Electrical Engineering										General Economics									
	L230.25.01.F2	4	E	28	28	0	0	0	DF	44	L230.25.02.F2	4	V	28	14	14	0	0	DF	44	L230.25.03.F2	4	V	28	14	0	0	0	DF	58	L230.25.04.C2	3	V	28	14	0	0	0	DC	33
3	Computer Aided Graphics										Materials for Electronics										Signals and Systems										Network Architectures and Internet									
	L230.25.01.F3	4	E	28	0	14	0	0	DF	58	L230.25.02.F3	5	E	28	14	14	0	0	DF	69	L230.25.03.F3	4	E	28	14	14	0	0	DF	44	L230.25.04.F3	4	E	28	0	28	0	0	DF	44
4	Physics										Electrical Circuits Analysis and Synthesis										Digital Integrated Circuits										Applied Informatics 2									
	L230.25.01.F4	5	E	42	14	14	0	0	DF	55	L230.25.02.F4	5	E	28	0	28	0	0	DF	69	L230.25.03.F4	4	E	28	0	28	0	0	DF	44	L230.25.04.F4	4	V	28	0	28	0	0	DF	44
5	Programming Languages 1										Electronic Devices										CAD Techniques in Electronic Modules Manufacturing										Digital Signal Processing									
	L230.25.01.F5	5	V	28	0	28	0	0	DF	69	L230.25.02.F5	5	E	42	0	28	0	0	DF	55	L230.25.03.F5	4	V	28	0	28	0	0	DF	44	L230.25.04.F5	5	E	28	0	28	0	0	DF	69
6	Applied Informatics 1										Computer Programming										Measurements in Electronics and Telecommunications										Microcontrollers									
	L230.25.01.F6	3	V	14	0	14	0	0	DF	47	L230.25.02.F6	4	V	28	0	28	0	0	DF	44	L230.25.03.F6	4	E	28	14	14	0	0	DF	44	L230.25.04.F6	5	E	42	0	28	0	0	DF	55
7	Communication Discipline										Foreign Language 2										Programming Languages 2										Fundamentals Electronic Circuits Project									
	L230.25.01.C7	2	V	14	14	0	0	0	DC	22	L230.25.02.C7	2	V	0	28	0	0	0	DC	22	L230.25.03.F7	4	V	28	0	28	0	0	DF	44	L230.25.04.F7	3	V	0	0	0	28	0	DF	47
8	Foreign Language 1										Educație fizică și sport 2 - Sport 2										Educație fizică și sport 3 - Sport 3										Educație fizică și sport 4 - Sport 4									
	L230.25.01.C8	2	V	0	28	0	0	0	DC	22	L230.25.02.C8	1	V	0	14	0	0	0	DC	11	L230.25.03.C8	1	V	0	14	0	0	0	DC	11	L230.25.04.C8	1	V	0	14	0	0	0	DC	11
9	Educație fizică și sport 1 - Sport 1																																							
	L230.25.01.C9	1	V	0	14	0	0	0	DC	11																														
10																																								
11																																								
total/ sem.	ore didactice:	378		VPI:			372			ore:	392			VPI:			358			ore:	392			VPI:			358			ore:	392			VPI:			358			
	credite:	30		evaluări:			4E,5V,0C			credite:	30			evaluări:			4E,4V,0C			credite:	30			evaluări:			4E,4V,0C			credite:	30			evaluări:			4E,4V,0C			
total/ săpt.	ore didactice:	27.0								ore:	28									ore:	28									ore:	28									
	din care:			13.0	9.0	5.0	0.0	(c, s, l, p)			din care:			13.0	7.0	8.0	0.0	(c, s, l, p)			din care:			14.0	4.0	10.0	0.0	(c, s, l, p)			din care:			14.0	3.0	9.0	2.0	(c, s, l, p)		

Observatii:

RECTOR,
Conf.univ.dr.ing. Florin DRĂGAN

DECAN,
Prof.univ.dr.ing. Cătălin-Daniel CĂLEANU

Domeniul fundamental (DFI):

Ramura de știință (RSI):

Domeniul de licență (DL):

Programul de studii - Licență:

Științe Inginerești

Inginerie Electrică, Electronică și Telecomunicații

Inginerie Electronică, Telecomunicații și Tehnologii Informaționale

Tehnologii și Sisteme de telecomunicații, în limba engleză

DISCIPLINE OPTIONALE
Pentru seria de studenți 2025-2029

	ANUL I (2025-2026)										ANUL II (2026-2027)									
	SEMESTRUL 1					SEMESTRUL 2					SEMESTRUL 3					SEMESTRUL 4				
01																				
02																				
03																				
04																				
05																				
06																				
07																				
08																				
09																				
10																				
11																				
12																				



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

Observatii: (*) - discipline optionale activate în anul univ. 2020-2021

RECTOR,
Conf.univ.dr.ing. Florin DRĂGAN

DECAN,
Prof.univ.dr.ing. Cătălin-Daniel CĂLEANU

Domeniul fundamental (DFI):

Ramura de știință (RSI):

Domeniul de licență (DL):

Programul de studii - Licență:

Științe Inginerești

Inginerie Electrică, Electronică și Telecomunicații

Inginerie Electronică, Telecomunicații și Tehnologii Informaționale

Tehnologii și Sisteme de telecomunicații, în limba engleză

DISCIPLINE OPTIONALE
Pentru seria de studenți 2025-2029

ANUL III (2027-2028)													ANUL IV (2028-2029)																																						
SEMESTRUL 5													SEMESTRUL 6													SEMESTRUL 7													SEMESTRUL 8												
01													Optional Topic 1L6.1 - Electromagnetic Compatibility												Optional Topic 3L7.1 - Digital VLSI Design Techniques												Optional Topic 7,8L8.1 - Digital Communications														
													L230.25.06.S3-01	3	E	28	0	28	0	0	DS	19	L230.25.07.S3-01	5	E	42	0	28	0	0	DS	55	L230.25.08.S1-01	4	E	21	0	21	0	0	DS	58									
02													Optional Topic 1L6.2 - Communication Protocols												Optional Topic 4L7.1 - Digital VLSI Design Techniques Project												Optional Topic 7,8L8.2 - Medical Electronics and Informatics														
													L230.25.06.S3-02	3	E	28	0	28	0	0	DS	19	L230.25.07.S3-02	2	V	0	0	0	28	0	DS	22	L230.25.08.S1-02	4	E	21	0	21	0	0	DS	58									
03													Optional Topic 2 Set 2L6.1 - Academic Ethics and Integrity												Optional Topic 3L7.2 - Digital Signal Processors												Optional Topic 7,8L8.3 - Digital Image Processing														
													L230.25.06.S3-03	2	V	14	14	0	0	0	DC	22	L230.25.07.S3-03	5	E	42	0	28	0	0	DS	55	L230.25.08.S1-03	4	E	21	0	21	0	0	DS	58									
04													Optional Topic 2 Set 2L6.2 - Culture and Civilization												Optional Topic 4L7.2 - Digital Signal Processors Project												Optional Topic 9L8.1 Electronic Circuits Computer Assisted Analysis														
													L230.25.06.S3-04	2	V	14	14	0	0	0	DC	22	L230.25.07.S3-04	2	V	0	0	0	28	0	DS	22	L230.25.08.S1-04	4	E	21	0	21	0	0	DS	58									
05																									Optional Topic 5L7.1 - Technological Fundamentals of Microelectronics												Optional Topic 9L8.2 Topology Elements of Electronic Systems														
																							L230.25.07.S3-05	5	E	28	0	28	0	0	DS	69	L230.25.08.S1-05	4	E	21	0	21	0	0	DS	58									
06																									Optional Topic 5L7.2 - Machine Learning																										
																							L230.25.07.S3-06	5	E	28	0	14	14	0	DS	69																			
07																									Optional Topic 6L7.1 - Mobile Communications																										
																							L230.25.07.S3-07	5	V	28	0	14	14	0	DS	69																			
08																									Optional Topic 6L7.2 - Optical Communications																										
																							L230.25.07.S3-08	5	V	28	0	14	14	0	DS	69																			
09																																																			
10																																																			
11																																																			
12																																																			
13																																																			

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

Observatii: (*) - discipline optionale activate în anul univ. 2020-2021

RECTOR,
Conf.univ.dr.ing. Florin DRĂGAN

DECAN,
Prof.univ.dr.ing. Cătălin-Daniel CĂLEANU



Domeniul fundamental (DFI):

Ramura de știință (RSI):

Domeniul de licență (DL):

Programul de studii - Licență:

Științe Inginerești

Inginerie Electrică, Electronică și Telecomunicații

Inginerie Electronică, Telecomunicații și Tehnologii Informaționale

Tehnologii și Sisteme de telecomunicații, în limba engleză

DISCIPLINE OPTIONALE
Pentru seria de studenți 2025-2029

	ANUL III (2027-2028)										ANUL IV (2028-2029)									
	SEMESTRUL 5					SEMESTRUL 6					SEMESTRUL 7					SEMESTRUL 8				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				
25																				
26																				

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

Observatii: (*) - discipline optionale activate în anul univ. 2020-2021



Domeniul fundamental (DFI) :	Științe Inginerești
Ramura de știință (RSI) :	Inginerie Electrică, Electronică și Telecomunicații
Domeniul de licență (DL) :	Inginerie Electronică, Telecomunicații și Tehnologii Informaționale
Programul de studii - Licență:	Tehnologii și Sisteme de telecomunicații, în limba engleză

DISCIPLINE FACULTATIVE
Pentru seria de studenți 2025-2029

ANUL I (2025-2026)													ANUL II (2026-2027)																																					
SEMESTRUL 1											SEMESTRUL 2											SEMESTRUL 3											SEMESTRUL 4																	
01	Psihologia educației											Pedagogie I (Fundamentele pedagogiei; Teoria și metodologia curriculum-ului)											Pedagogie II (Teoria și metodologia instruirii; Teoria și metodologia evaluării)											Responsabilitate socială și activism civic																
	L230.25.01.F11-01	5	E	28	28	0	0	0	0	F	69	L230.25.02.F11-01	5	E	28	28	0	0	0	0	F	69	L230.25.03.F11-01	5	E	28	28	0	0	0	0	F	69	L230.25.04.F11-01	3	E	28	28	0	0	0	0	F	19						
02												Voluntariat											Limbi moderne 3											Didactica specializării																
												L230.25.02.F11-02	2	C	0	0	0	28	0	F	22	L230.25.03.C11-02	2	V	0	28	0	0	0	0	DC	22	L230.25.04.F11-02	5	E	28	28	0	0	0	0	F	69							
03																																		Limbi moderne 4																
																																	L230.25.04.C11-03	2	V	0	28	0	0	0	0	DC	22							
04																																		Voluntariat																
																																L230.25.04.F11-04	2	C	0	0	0	28	0	0	F	50								
05																																																		
total/ sem.	ore:		56		VPI:				69			ore:		84		VPI:				91			ore:		84		VPI:				91			ore:		168		VPI:				160								
	credite:		5		evaluări:				1E,0V,0C			credite:		7		evaluări:				1E,0V,1C			credite:		7		evaluări:				1E,1V,0C			credite:		12		evaluări:				2E,1V,1C								
total/ săpt.	ore:		4									ore:		6									ore:		6									ore:		12														
	din care:						2.0		2.0		0.0		0.0		(c, s, l, p)			din care:						2.0		2.0		0.0		2.0		(c, s, l, p)			din care:						4.0		6.0		0.0		2.0		(c, s, l, p)	

Observatii:

DISCIPLINE FACULTATIVE
Pentru seria de studenți 2025-2029

ANUL III (2027-2028)													ANUL IV (2028-2029)																															
SEMESTRUL 5											SEMESTRUL 6											SEMESTRUL 7											SEMESTRUL 8											
01	Instruire asistată de calculator											Practică pedagogică de specialitate în învățământul preuniversitar																						Voluntariat										
	L230.25.05.F11-01	2	C	14	14	0	0	0	F	22	L230.25.06.F11-01	2	C	0	36	0	0	0	F	14											L230.25.08.F11-01	2	C	0	0	0	28	0	F	22				
02	Practică pedagogică de specialitate în învățământul preuniversitar											Managementul clasei de elevi																																
	L230.25.05.F11-02	3	C	0	42	0	0	0	F	33	L230.25.06.F11-02	3	E	14	14	0	0	0	F	47																								
03												Examen de absolvire:Nivel 1																																
											L230.25.06. 11-03	5	E	0	0	0	0	0		125																								
04												Voluntariat																																
											L230.25.06.F11-04	2	C	0	0	0	28	0	F	50																								
05																																												
total/ sem.	ore:		70		VPI:		55		ore:		92		VPI:		236		ore:		0		VPI:		0		ore:		28		VPI:		22													
	credite:		5		evaluări:		0E,0V,2C		credite:		12		evaluări:		2E,0V,2C		credite:		0		evaluări:		0E,0V,0C		credite:		2		evaluări:		0E,0V,1C													
total/ săpt.	ore:		5						ore:		7						ore:		0						ore:		2																	
	din care:				1.0		4.0		0.0		0.0		(c, s, l, p)		din care:				1.0		3.6		0.0		2.0		(c, s, l, p)		din care:				0.0		0.0		2.0		(c, s, l, p)					

Observatii: