

ANUL UNIV. 2022 - 2023

PLAN DE ÎNVĂȚĂMÂNT / CURRICULUM

ANUL 1 / 1st YEAR

Nr. Crt. No.	Disciplina Subject	Cod Code	Semestrul 1/ 1st Semester							Semestrul 2/ 2nd Semester							NOS sem	
			C	S	L	P	Alte	Ver. Eval.	Cred. Cred.	C	S	L	P	Alte	Ver. Eval.	Cred. Cred.		
1.1	Linear Algebra, Analytical and Diferential Geometry	FING.IIM.IIE.L.FO.1.2200.E-5.1	2	2	0	0	0	Examen	5								69	
1.2	Mechanics1	FING.IIM.IIE.L.DO.1.2200.E-5.2	2	2	0	0	0	Examen	5								69	
1.3	Physics	FING.IIM.IIE.L.FO.1.2020.E-5.3	2	0	2	0	0	Examen	5								69	
1.4	Computer Programming and Programming Languages1	FING.IIM.IIE.L.FO.1.2021.C-5.4	2	0	2	1	0	Colocviu	5								55	
1.5	Communication	FING.IIM.IIE.L.CO.1.2100.E-4.5	2	1	0	0	0	Examen	4								58	
1.6	Chemistry	FING.IIM.IIE.L.FO.1.1010.C-4.6	1	0	1	0	0	Colocviu	4								72	
1.7	Sport	FING.IIM.IIE.L.CO.1.0100.A/R-1.7	0	1	0	0	0	Calificativ	1								11	
1.8	Romanian Language 1	FING.IIM.IIE.L.CA.1.0200.C-2.8	0	2	0	0	0	Colocviu	2								22	
1.9	German Language 1	FING.IIM.IIE.L.CA.1.0200.C-2.9																
2.1	Mechanics 2	FING.IIM.IIE.L.DO.2.2110.E-5.1								2	1	1	0	0	Examen	5	69	
2.2	Mathematical analysis	FING.IIM.IIE.L.FO.2.2200.E-5.2								2	2	0	0	0	Examen	5	69	
2.3	Material Science	FING.IIM.IIE.L.DO.2.2020.E-4.3								2	0	2	0	0	Examen	4	44	
2.4	Technical Drawing and infographics 1	FING.IIM.IIE.L.FO.2.2020.E-5.4								2	0	2	0	0	Examen	5	69	
2.5	Computer Programming and Programming Languages 2	FING.IIM.IIE.L.FO.2.2021.C-5.5								2	0	2	1	0	Colocviu	5	55	
2.6	Probability theory and mathematical statistics	FING.IIM.IIE.L.FO.2.1020.C-4.6								1	0	2	0	0	Colocviu	4	58	
2.7	Sport 2	FING.IIM.IIE.L.CO.2.0100.A/R-1.7								0	1	0	0	0	Calificativ	1	11	
2.8	Romanian Language 2	FING.IIM.IIE.L.CA.2.0200.C-2.8								0	2	0	0	0	Colocviu	2	22	
2.9	German Language 2	FING.IIM.IIE.L.CA.2.0200.C-2.9																
			11	8	5	1	0	4E+0V+ 3C+0P+1 A/R	30+1*	11	6	9	1	0	4E+0V+ 3C+0P+1 A/R	30+1*	822	
TOTAL ORE PE SAPTAMANA/ TOTAL NUMBER OF HOURS/WEEK			25							27								
			TOTAL S1:							30+1*	TOTAL S2:							30+1*
Discipline facultative la propunerea facultății/ Facultative subjects proposed by faculty																		
			0	0	0	0	0	0E+0V+ 0C+0P+0 A/R	0	0	0	0	0	0	0E+0V+ 0C+0P+0 A/R	0	0	
TOTAL ORE PE SAPTAMANA DISCIPLINE FACULTATIVE TOTAL NUMBER OF HOURS/WEEK (FACULTATIVE SUBJECTS)			0							0								
			TOTAL S1:							0	TOTAL S2:							0

Rector/Rector,

Prof.univ.dr.habil.Sorin RADU

Decan/Dean,

Prof.univ.dr.ing. Sever-Gabriel RACZ

Director Departament/Head of Department,

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UNIVERSITATEA "LUCIAN BLAGA" DIN SIBIU
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 Facultatea de Inginerie
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 Domeniul: Inginerie Industrială
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 Specializarea: INGINERIE INDUSTRIALĂ ÎN LIMBA ENGLEZĂ
 Specialization: INDUSTRIAL ENGINEERING
 Titlul absolventului: inginer diplomă/Conferred title: Diploma engineer
 Durata studiilor: 4 ani/Duration of studies: 4 years
 Forma de învățământ: zi/Form of education: full time

Valabil / Valid

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 starting with the academic year 2021-2022
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 for the academic year 2022-2023

**ANUL UNIV.
2022 - 2023**

PLAN DE ÎNVĂȚĂMÂNT / CURRICULUM

ANUL 2 / 2nd YEAR

Nr. Crt. No.	Disciplina Subject	Cod Code	Semestrul 1/ 1st Semester						Semestrul 2/ 2nd Semester						NOSI sem			
			C	S	L	P	Alte	Ver. Eval.	Cred. Cred.	C	S	L	P	Alte		Ver. Eval.	Cred. Cred.	
3.1	Strength of Materials 1	FING.IIM.IIE.L.DO.3.2210.E-5.1	2	2	1	0	0	Examen	5								55	
3.2	Technology of Materials	FING.IIM.IIE.L.DO.3.2020.E-5.2	2	0	2	0	0	Examen	5								69	
3.3	Electrotechnics	FING.IIM.IIE.L.DO.3.2010.C-4.3	2	0	1	0	0	Colocviu	4								58	
3.4	Technical Drawing and infographics 2	FING.IIM.IIE.L.FO.3.2020.E-5.4	2	0	2	0	0	Examen	5								69	
3.5	Economics	FING.IIM.IIE.L.SO.3.2100.C-5.5	2	1	0	0	0	Colocviu	5								83	
3.6	Sport 3	FING.IIM.IIE.L.CO.3.0100.A/R-1.6	0	1	0	0	0	Calificativ	1								11	
3.7	Industrial engineering basic	FING.IIM.IIE.L.DA.3.2010.E-4.7	2	0	1	0	0	Examen	4								58	
3.8	Design	FING.IIM.IIE.L.DA.3.2010.E-4.8	2	0	1	0	0	Examen	4								58	
3.9	Romanian Language 3	FING.IIM.IIE.L.CA.3.0200.C-2.9	0	2	0	0	0	Colocviu	2								22	
3.10	German Language 3	FING.IIM.IIE.L.CA.3.0200.C-2.10	0	2	0	0	0	Colocviu	2								22	
4.1	Strength of Materials 2	FING.IIM.IIE.L.DO.4.2110.E-4.1								2	1	1	0	0	Examen	4	44	
4.2	Machine parts 1	FING.IIM.IIE.L.DO.4.2012.E-4.2								2	0	1	2	0	Examen	4	30	
4.3	Industrial Management	FING.IIM.IIE.L.DO.4.2200.C-4.3								2	2	0	0	0	Colocviu	4	44	
4.4	Computer Aided Design 1	FING.IIM.IIE.L.DO.4.2020.E-4.4								2	0	2	0	0	Examen	4	44	
4.5	Tolerances and Dimensional Control	FING.IIM.IIE.L.DO.4.2020.E-4.5								2	0	2	0	0	Examen	4	44	
4.6	Plant practice	FING.IIM.IIE.L.DO.4.P90.C-4.6								0	0	0	0	0	Colocviu	4	10	
4.7	Customer Relation Management	FING.IIM.IIE.L.SA.4.2010.C-3.7								2	0	1	0	0	Colocviu	3	33	
4.8	Marketing	FING.IIM.IIE.L.SA.4.2010.C-3.8								2	0	1	0	0	Colocviu	3	33	
4.9	Heat Treatment	FING.IIM.IIE.L.DA.4.2010.C-3.9								2	0	1	0	0	Colocviu	3	33	
4.10	Modern Materials	FING.IIM.IIE.L.DA.4.2010.C-3.10								2	0	1	0	0	Colocviu	3	33	
			12	6	7	0	0	4E+0V+ 3C+0P+1 A/R	30+1*	14	3	8	2	0	4E+0V+ 4C+0P+0 A/R	30	707	
TOTAL ORE PE SAPTAMANA/ TOTAL NUMBER OF HOURS/WEEK			25						27						30			
			TOTAL S1:						30+1*		TOTAL S2:						30	
Discipline facultative la propunerea facultății/ Facultative subjects proposed by faculty																		
3.11	Human Resources	FING.IIM.IIE.L.CU.3.2100.C-3.11	2	1	0	0	0	Colocviu	3								33	
																	0	
Discipline facultative transversale la propunerea ULBS/ Transversal facultative subjects proposed by ULBS.																		
3.12	Foreign language (secondary) I	ULBS.ULBS.ULBS.L.TU.3.0200.C-3.1	0	2	0	0	0	Colocviu	3								47	
3.13	Presentation techniques	ULBS.ULBS.ULBS.L.TU.3.0002.P-3.2	0	2	0	0	0	Proiect	3								47	
3.14	Digital education	ULBS.ULBS.ULBS.L.TU.3.0200.C-3.3	0	2	0	0	0	Colocviu	3								47	
3.15	Rhetoric, argumentation and debate	ULBS.ULBS.ULBS.L.TU.3.0200.C-3.4	0	2	0	0	0	Colocviu	3								47	
4.11	Foreign language (secondary) II	ULBS.ULBS.ULBS.L.TU.4.0200.C-3.1								0	2	0	0	0	Colocviu	3	47	
4.12	Romanian language. Composition and style	ULBS.ULBS.ULBS.L.TU.4.0200.C-3.2								0	2	0	0	0	Colocviu	3	47	
4.13	Academic writing	ULBS.ULBS.ULBS.L.TU.4.0200.C-3.3								0	2	0	0	0	Colocviu	3	47	
4.14	Social equity and non-discrimination	ULBS.ULBS.ULBS.L.TU.4.0200.C-3.4								0	2	0	0	0	Colocviu	3	47	
			2	9	0	0	0	0E+0V+ 4C+1P+0 A/R	15	0	8	0	0	0	0E+0V+ 4C+0P+0 A/R	12	409	
TOTAL ORE PE SAPTAMANA DISCIPLINE FACULTATIVE TOTAL NUMBER OF HOURS/WEEK (FACULTATIVE SUBJECTS)			11						8									
			TOTAL S1:						15		TOTAL S2:						12	

Rector/Rector,

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2022 - 2023**

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ANUL III / 3rd YEAR

Nr. Crt. No.	Disciplina Subject	Cod Code	Semestrul 1/1st Semester						Semestrul 2/2nd Semester						NOSI/sem	
			C	S	L	P	Ver. Eval.	Cred. Cred.	C	S	L	P	Ver. Eval.	Cred. Cred.		
40	Machine Elements 2	D.I.	2	-	1	-	E5	3							38	
41	Machine Elements - Project	D.I.	-	-	-	2	P5	2							25	
42	Computer Aided Design 2	S.I.	2	-	2	-	E5	5							77	
43	Basics of cutting and surface generation	D.I.	2	-	1	-	C5	4							65	
44	Applied Informatics	F.I.	2	-	2	-	C5	4							51	
45	Machine Tools	D.I.	2	-	1	-	E5	4							65	
46	Industrial Design	D.I.	2	-	1	-	E5	3							38	
47	System and Project Management	S.I.	2	-	-	2	C5	5							77	
48	Robotics	S.I.							2	-	1	-	E6	3	38	
49	Cutting tools	D.I.							2	-	1	2	E6	4	37	
50	Metal Forming Processes and Equipment	S.I.							2	-	1	1	E6	4	51	
51	Optional 7 Virtual and Rapid Prototyping	S.O.							2	-	2	-	C6	4	51	
	Augmented reality in Industry	S.O.														
52	Product Design and Development	S.I.							2	-	1	-	C6	4	65	
53	Manufacturing Processes 1	S.I.							2	-	2	-	E6	4	51	
54	Pneumatic and hydraulic equipment	S.I.							2	-	1	-	C6	3	38	
55	Plant practice	S.I.	90 ore / 90 hours										C6	4	107	
			14		8	4	4E+3C+1P	30	14	-	9	3	4E+4C	30		
TOTAL ORE PE SAPTAMANA / TOTAL NUMBER OF HOURS per WEEK			26						26						874	
Discipline facultative/Facultative subjects															TOTAL p.c.: 60	31
56	Foreign Language 5	C.Fac.		2	-	-	C5	2							25	
57	Teaching assisted by computers	C.Fac.	1	1	-	-	E5	2							25	
58	Pedagogical Internship	C.Fac.		3	-	-	C5	3							38	
59	Pedagogical Internship	C.Fac.							-	3	-	-	C6	3	38	
60	Classroom Management	C.Fac.							1	1	-	-	C6	2	25	
61	Final Evaluation – The Didactic Portfolio	C.Fac.							-	1	-	-	E6	4	93	
62	Foreign Language 6	C.Fac.							-	2	-	-	C6	4	79	
TOTAL ORE PE SAPTAMANA DISCIPLINE FACULTATIVE			1	6	-	-	2C+1E		1	7	-	-	3C+1E	13		
TOTAL NUMBER OF HOURS per WEEK (FACULTATIVE SUBJECTS)									8							



Decan
Prof.univ.dr.ing.

Director Department/Head of Department,
Prof.dr. Dănuț TRĂȘCU

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ANUL IV / 4th YEAR

Nr. Crt. No.	Disciplina Subject	Cod Code	Semestrul 1/1st Semester						Semestrul 2/2nd Semester						NOS I/ sem
			C	S	L	P	Ver. Eval.	Cred. Cred.	C	S	L	P	Ver. Eval.	Cred. Cred.	
63	Manufacturing Processes 2	S.I.	2	-	-	3	E7	2							63
64	Technological devices	D.I.	2	-	-	2	E7	5							77
65	Optional 8	Manufacturing proceses 3	2	-	2	-	E7	5							77
		Concurrent Engineering													
66	Computer Aided engineering	S.I.	2	-	2	1	C7	5							63
67	Quality Engineering and Management	D.I.	2	-	2	-	E7	5							77
68	Production and Operations Management	S.I.	2	-	2	-	C7	5							77
69	Finite elements metals	D.I.							2	-	2	1	C8	2	-17
70	Entrepreneurship	C.I.							1	-	1	-	E8	2	25
71	Optional 9	Supply Chain Management							2	-	-	2	E8	3	24
		Industrial logistics													
72	Resource Management and Sustainability	C.I.							2	-	1	-	E8	3	38
73	Optional 10	Biomechanical Structures							2	-	2	-	C8	3	24
		Eco technologies													
74	Integrated production systems	S.I.							2	-	2	-	C8	3	24
75	Drawing up the Diploma Project	S.I.							-	-	-	4	C8	4	51
76	Preparation of the final evaluation	S.I.	60 ore / 60 hours										C8	10	267
			12		8	6	4E+2C+1P	30	11	-	8	7	3E+5C	30	
TOTAL ORE PE SAPTAMANA / TOTAL NUMBER OF HOURS per WEEK			26						26						870
TOTAL p.c.: 60															31
77	Final Examination - proba 1													5	133
78	Final Examination - proba 2													5	133
Discipline facultative/Facultative subjects															
79	Foreign Language 7	C.Fac.	-	2	-	-	C7	2							25
80	Philosophy of science and technology	C.Fac.	2	1	-	-	E7	4							65
81	Foreign Language 8	C.Fac.							-	2	-	-	C8	2	25
TOTAL ORE PE SAPTAMANA DISCIPLINE FACULTATIVE			2	3		-	4C	6	-	2		-	2C	2	
TOTAL NUMBER OF HOURS per WEEK (FACULTATIVE SUBJECTS)			5						2						



Dr.
 Prof.univ.d

Director Departament/Head of Department,
 Prof.dr. Dănuț DUMITRAȘCU

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2022 - 2023**

PLAN DE ÎNVĂȚĂMÂNT / CURRICULUM
Doar pentru studenții ERASMUS / Only for ERASMUS students
ANUL 1,2,3,4 / 1st,2nd,3rd,4th YEAR

Nr. Crt. No.	Disciplina Subject	Cod Code	Semestrul 1 sau 2 * / 1st or 2nd Semester *						NOSI/ sem	
			C	S	L	P	Alte	Ver. Eval.		Cred. Cred.
Discipline facultative pentru studenții ERASMUS/ Facultative subjects for ERASMUS students										
Module 1 / Module 1: Limba, cultura și civilizația română / Romanian Language, Culture and Civilization										
1	Comunicare orală. Limba română / Oral Communication. Romanian Language	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.1	2					Colocviu	4	72
2	Comunicare scrisă. Limba română / Written Communication. Romanian Language	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.2	2					Colocviu	4	72
3	Gramatică. Limba română / Grammar / Language Structure. Romanian Language	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.3	2					Colocviu	4	72
4	Cultură și civilizație română / Romanian Culture and Civilization	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.4	2					Colocviu	4	72
Module 2 / Module 2: Modul Interdisciplinar / Interdisciplinary Module										
5	Noțiuni fundamentale de contabilitate și finanțe / Introduction to Accounting and Finance	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.5			2			Colocviu	3	47
6	Bazele ingineriei / Engineering Essentials	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.6			2			Colocviu	3	47
7	Protecția juridică a drepturilor omului la nivel național, european și internațional / Legal Protection of Human Rights at National, European and International Level	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.7			2			Colocviu	3	47
8	Text – Teatru – Film. Abordări interdisciplinare / Text – Theatre – Film. Interdisciplinary Approaches	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.8			2			Colocviu	3	47
9	Coordonate interdisciplinare ale bioeticii / Interdisciplinary Coordinates of Bioethics	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.9			2			Colocviu	4	72
10	Interacțiuni între societatea umană și sistemele ecologice / Interactions between the Human Society and Ecological Systems	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.10			2			Colocviu	4	72
11	Cunoașterea mediului social. Teorii, metode și practică / Understanding Social Environment 3Theories, Methods and Practice	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.11			2			Colocviu	3	47
12	Biotehnologie – Curs introductiv / Biotechnology – An Introductory Course	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.12			2			Colocviu	3	47
13	O abordare introductivă a ortodoxiei române în contextual ortodoxiei mondiale / An Introduction to Romanian Orthodoxy in the Context of World Orthodoxy	ULBS.ULBS.ULBS.L.TU.0.0020.C-3.13			2			Colocviu	3	47
			8	0	18	0	0	0E+0V+13C+0P+0A/R	45	761

* Repartiția disciplinelor (din modulul de Limba, cultura și civilizația română) pe semestre și ani de studii se va face în funcție de solicitările studenților income.

Rector/Rector,
Prof.univ.dr.habil.Sorin RADU

Decan/Dean,
Prof.univ. Gabriel RACZ

Director Departament/Head of Department,
Prof.univ.dr.ing. Dănuț DUMITRAȘCU