

MINISTERUL EDUCAȚIEI

Universitatea de Medicină și Farmacie "Grigore T. Popa" din Iași

Facultatea de Bioinginerie Medicală

Domeniul: SĂNĂTATE

Specializarea: BALNEOFIZIOKINETOTERAPIE SI RECUPERARE (Limba Engleza)

Ciclul de studii: Ciclul I - LICENTA

Anul I

PLAN DE ÎNVĂȚĂMÂNT

An universitar 2022-2023

Nr	Name of discipline	Disc. Type	Code	1st Semester				2nd Semester				Total hours per year					ECTS		Evaluation System
				Hours per week				Hours per week				C	PC / CS	S	Pr	IS	1st Sem	2nd Sem	
				C	PC / CS	S	Pr	C	PC / CS	S	Pr								
1	Anatomy	DFO	RE1101	3	3							42	42	0	0	66	6		E1
2	Biochemistry	DFO	RE1102	1	1							14	14	0	0	22	2		E1
3	Biophysics	DFO	RE1103	1	1							14	14	0	0	22	2		E1
4	Medical deontology. Ethics and academic integrity	DCO	RE1104	1		1						14	0	14	0	22	2		C1
5	Elements of medical gymnastics. Movement pedagogy	DSO	RE1105		2							0	28	0	0	22	2		C1
6	Physiology. Pathophysiology	DFO	RE1106	3	2							42	28	0	0	55	5		E1
7	Kinesiology	DSO	RE1107	1.5	1.5							21	21	0	0	58	4		E1
8	Health promotion	DDO	RE1108	1								14	0	0	0	36	2		C1
9	Languages I and II	DCO	RE1109	1		1		2		2		42	0	42	0	41	3	2	C1, C2
10	Applied Anatomy of the locomotor system	DSO	RE1110					1	1			14	14	0	0	47		3	E2
11	Biomechanics	DFO	RE1111					2	2			28	28	0	0	19		3	E2
12	Elements of nutrition and dietetics	DDO	RE1112					1	1			14	14	0	0	22		2	E2
13	Ergophysiology	DSO	RE1113					1	1			14	14	0	0	22		2	E2
14	Histology. Pathological anatomy	DFO	RE1114					1	0.5			14	7	0	0	29		2	E2
15	Hygiene. Epidemiology	DDO	RE1115					1	0.5			14	7	0	0	29		2	E2
16	Medical Informatics and Biostatistics	DCO	RE1116					1	1			14	14	0	0	22		2	E2
17	Psychomotricity, psychomotor education and reeducation	DSO	RE1117					1	1			14	14	0	0	22		2	E2
18	Behaviour sciences. Medical psychology. Medical sociology.	DCO	RE1118					1.5		1		21	0	14	0	15		2	C2
19	Practical abilities	DSO	RE1119						2			0	28	0	0	22		2	C2
20	Clinical training	DSO	RE1120									0	240	0	0	0		2	C2
21	Professional Practice	DSO	RE1121									0	90	0	0	0		2	C2
22	a. Cell and Molecular Biology	DFA	RE1122	0.5	0.5							7	7	0	0	36	2		C1

22	b. Genetics	DSA	RE1123																	
23	a. Fitness	DSA	RE1124						1			0	14	0	0	36		2	C2	
	b. Aquagym		RE1125																	
Total hours per week				13	11	2	0	12.5	11	3	0	357	638	70	0	665	30	30	13E, 12C	
Total hours/ECTS per year				26				26.5												
24	Physical education and sport	DCO	RE1126		2							0	28	0	0	0	1		C (A/R)	

C - Courses; PC - Practical classes; CS - Clinical stages; S - Seminars; Pr - Projects; IS - Individual study

Facultative

25	Languages	DF	RE1127	1		1		1		1		28	0	28	0	44	2	2	C1, C2
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RECTOR,
Prof. Univ. Dr. Viorel Scripcariu

DECAN,
Prof. Univ. Dr. Anca-Irina Galaction

Secretar șef facultate,
Ing. Petruța Flocea

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Ciclul de studii: Ciclul I - LICENTA

Anul II

PLAN DE ÎNVĂȚĂMÂNT

An universitar 2022-2023

No.	Name of discipline	Disc. Type	Code	1st Semester				2nd Semester				Total hours per year					ECTS		Evaluation System
				Hours per week				Hours per week				C	PC / CS	S	Pr	IS	1st Sem	2nd Sem	
				C	PC / CS	S	Pr	C	PC / CS	S	Pr								
1	Balneo - climatology	DSO	RE1201	1	1							14	14	0	0	22	2		E1
2	Osteoarticular and muscle assessment. Motor and somato-functional assessment	DSO	RE1202	2	2							28	28	0	0	44	4		E1
3	Hydrothermotherapy	DSO	RE1203	1	1							14	14	0	0	22	2		C1
4	Neurology	DDO	RE1204	1	1							14	14	0	0	22	2		E1
5	Rehabilitation in neurological pathology	DSO	RE1205	1	1							14	14	0	0	22	2		
6	General nursing	DDO	RE1206	2	1							28	14	0	0	58	4		C1
7	Medical semiology and internal medicine	DDO	RE1207	1	1							14	14	0	0	22	2		E1
8	Electrotherapy. Biomedical instrumentation for rehabilitation procedures	DSO	RE1208	2	2			2	1.5			56	49	0	0	45	4	2	E1, E2
9	Kinesitherapy. Kinesiprofilaxy	DSO	RE1209	1	1.5			1	1.5			28	42	0	0	30	2	2	E1, E2
10	Massage. Complementary techniques	DSO	RE1210	1	1			1	1			28	28	0	0	44	2	2	C1, C2
11	Medical communication	DCO	RE1211					1	1			14	14	0	0	22		2	C2
12	Pharmacology. Clinical pharmacology	DFO	RE1212					1	1			14	14	0	0	22		2	E2
13	Scientific research methodology	DCO	RE1213					1			1	14	0	0	14	22		2	C2
14	Orthetic and prosthetic techniques	DSO	RE1214					1	1			14	14	0	0	22		2	E2
15	Orthopedics and traumatology	DDO	RE1215					1	1			14	14	0	0	22		2	E2
16	Rehabilitation in traumatic orthopedic pathology	DSO	RE1216					1	1			14	14	0	0	22		2	
17	Radiology and medical imaging	DDO	RE1217					2	1			28	14	0	0	8		2	E2
18	Surgical semiology and surgery	DDO	RE1218					1	1			14	14	0	0	22		2	E2
19	Medical emergencies and first aid	DDO	RE1219					1	1			14	14	0	0	22		2	C2
20	a. Play therapy	DSA	RE1220			1						0	0	14	0	36	2		C1
	b. Physical activities by age categories		RE1221																

21	a. Human Performance Evaluation	DSA	RE1222		1						0	14	0	0	36	2		C1	
	b. Programming and planning in medical rehabilitation		RE1223																
22	a. Devices used in dermato-cosmetology	DSA	RE1224					1			0	14	0	0	36		2	C2	
	b. Manual therapy		RE1225																
23	Clinical training	DSO	RE1226								0	240	0	0	0		2	C2	
24	Professional Practice	DSO	RE1227								0	90	0	0	0		2	C2	
Total hours per week				13	13.5	1	0	14.0	13	0	1	378	701	14	14	623	30	30	13E, 12C
Total hours/ECTS per year				27.5			28												

C - Courses; PC - Practical classes; CS - Clinical stages; S - Seminars; Pr - Projects; IS - Individual study

Facultative

25	Clinical laboratory tests	DF	RE1228	1	1						14	14	0	0	22	2		C1
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Anul III

PLAN DE ÎNVĂȚĂMÂNT

An universitar 2022-2023

No.	Name of discipline	Disc. Type	Code	1st Semester				2nd Semester				Total hours per year					ECTS		Evaluation System
				Hours per week				Hours per week				C	PC/CS	S	Pr	IS	1st Sem	2nd Sem	
				C	PC/CS	S	Pr	C	PC/CS	S	Pr								
1	Dermatology	DDO	RE1301	1	1							14	14	0	0	47	3		E1
2	Pain management	DSO	RE1302	1	1							14	14	0	0	22	2		C1
3	Geriatrics and rehabilitation of the elderly patient	DSO	RE1303	1	1							14	14	0	0	22	2		C1
4	Rehabilitation in cardiovascular diseases	DSO	RE1304	2	2							28	28	0	0	44	4		E1
5	Postsurgical rehabilitation	DSO	RE1305	1	1							14	14	0	0	47	3		E1
6	Reumatology and Rehabilitation in rheumatic diseases	DSO	RE1306	2	2							28	28	0	0	44	4		E1
7	Pediatrics rehabilitation	DSO	RE1307	1.5	1.5			1.5	1.5			42	42	0	0	66	3	3	E1, E2
8	Special rehabilitation techniques for individuals with disabilities	DSO	RE1308	1.5	1.5			2	2			49	49	0	0	77	3	4	C1, C2
9	Health Management. Health legislation	DCO	RE1309					2		1		28	0	14	0	8		2	C2
10	Oncology and palliative care recovery	DDO	RE1310					1	1			14	14	0	0	22		2	E2
11	Rehabilitation in uro-gynecological diseases	DSO	RE1311					1	1			14	14	0	0	22		2	E2
12	Rehabilitation in endocrine and methabolic diseases	DSO	RE1312					1	1			14	14	0	0	22		2	E2
13	Rehabilitation in respiratory diseases	DSO	RE1313					1	1			14	14	0	0	47		3	E2
14	Rehabilitation in sports pathology	DSO	RE1314					1	1			14	14	0	0	22		2	C2
15	Rehabilitation and techniques of functional reeducation	DSO	RE1315					1	1			14	14	0	0	22		2	C2
16	Occupational therapy	DSO	RE1316					1	1			14	14	0	0	22		2	E2
17	a. Clinical pharmacology	DDA	RE1317	1								14	0	0	0	36	2		C1
	RE1318																		
18	a. Devices for functional electrical stimulation	DSA	RE1319		1							0	14	0	0	36	2		C1
	b. Therapeutic and assistive devices for rehabilitation		RE1320																
	c. Hand in rheumatic pathology		RE1321																
19	Clinical training	DSO	RE1322									0	242	0	0	0	2	2	C2
20	Practical study and thesis writing	DSO	RE1323												56	44		4	C2
Total hours per week				12	12	0	0	12.5	10.5	1	0	343	557	14	56	672	30	30	11E, 11C
Total hours/ECTS per year				24				24											
21	Defending the graduation thesis														56	194		10	E2

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Facultative

22	Phytotherapy	DF	RE1324						1	1	1	0	14	14	14	22		2	C2
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