CURRICULUM – YEAR I - 2023-2024

UNIVERSITY	University of Medicine and Pharmacy "Iuliu Hațieganu" Cluj - Napoca	STUDY PROGRAM	MEDICINE
FACULTY	MEDICINE	TITLE OF THE GRADUATE	MEDICAL DOCTOR
FIELD OF STUDY	HEALTH	DURATION OF STUDIES	6 YEARS
REGULATION LEVEL	SECTORIAL	CREDITS FOR THE STUDIES	360

N					ECTS				Num	ber of hours				pe of uation
No.	Course Code	DISCIPLINE	Course Type		ECIS		Tota hours/y		Semest	er I (S. I)	Semeste	r II (S. II)	S. I	S. II
				Total	S. I	S. II	Course	PA	C/week	PA/week	C/week	PA/week		
1.	MED11201EN	General Anatomy and Embryology Topographic and Sectional Anatomy	Comp. FD	10	5	5	56	112	2	4	2	4	E1	E2
2.	MED1102 EN	Medical Biophysics	Comp. FD	5	5	-	28	28	2	2	-	-	E1	-
3.	MED1103EN	Cell and Molecular Biology	Comp. FD	5	5	-	28	28	2	2	-	-	E1	-
4.	MED1104EN	Medical Biostatistics and Informatics	Comp. CD	3	3	-	14	28	1	2	-	-	E1	-
5.	MED1105EN	Behavioral Sciences. Medical Sociology	Comp. CD	2	2	-	14	14	1	1	-	-	E1	-
6.	MED1106EN	Fundamentals of chemistry	Comp. FD	2	2	-	10	4	0.7	0.3	-	-	С	-
7.	MED1107EN	Medical Bioethics and History of Medicine	Comp. CD	2	2	-	14	7	1	0.5	-	-	v	-
8.	MED1108EN	Bases of Medical Communication	Comp. CD	2	2	-	14	14	1	1	-	-	V	-
9.	MED1109EN	Elective Course 1**	Elective	2	2	-	14	-	1	-	-	-	V	-
10.	MED1110EN	Academic integrity and ethics. Medical professionalism	Comp. CD	2	2	-	10	4	0.7	0.3	-	-	V	-
11.	MED1211EN	Descriptive Biochemistry	Comp. FD	5	-	5	28	28	-	-	2	2	-	E2
12.	MED1212EN	Physiology	Comp. FD	5	-	5	28	28	-	-	2	2	-	E2
13.	MED1213EN	First Aid	Comp. SD	3	-	3	14	14	-	-	1	1	-	V
14.	MED1214EN	Medical Psychology	Comp. CD	3	-	3	14	14	-	-	1	1	-	E2
15.	MED1215EN	Problem Based Learning	Comp. SD	3	-	3	-	28	-	-	-	2	-	С
16.	MED1216EN	Elective Course 2 ***	Elective	2	-	2	14	-	-	-	1	-	-	V
17.	MED1217EN	Modern/Romanian Language	Comp. CD	2	-	2	-	56	-	2	-	2	-	С
18.	MED1218EN	Sport*	Comp. CD	1*	-	1*	-	28	-	1	-	1	-	С
19.	MED1219EN	Specialty Medical Practice	Comp. SD	2	-	2	-	140	-	-	-	-	-	С
		TOTAL	-	60	30	30	300	575	12.4	16.1	9	15	-	-
		Total of hours / week 26,25					875	5	2	8.5		24	5E 4V 1C	4E 2V 4C

<u>LEGEND</u>

- **FD** fundamental discipline;
- **DD** domaine discipline;
- **SD** specialization discipline;
- **CD** complementary discipline;
- \mathbf{E} exam;
- V- evaluation during the semester;
- ${\bf C}$ colloquium
- PA practical activities;
- **ECTS** transferrable credits.

Remarks

- Romanian Language is compulsory for international students and it will consist of 84 h = 3 hours/week;
- Modern Language is compulsory for Romanian students and elective for international students;
- Medical Biophysics, Cell and Molecular Biology and Medical Informatics and Biostatistics are fully studied during the first semester;
- First Aid is conducted in the mirror with the Bases of Medical Communication
- Medical Psychology is conducted in the mirror with Behavioral Sciences
- *Sport is a COMPULSORY discipline with additional credits.

** Elected Courses for 1st Semester: Introduction to experimental surgery, Advanced communication skills

*** Elected Courses for 2nd Semester: Introduction to experimental surgery, Healthy living in the prevention and control of chronic non-communicable diseases

CURRICULUM – YEAR II - 2023 – 2024

UNIVERSITY	University of Medicine and Pharmacy "Iuliu	STUDY PROGRAM	MEDICINE
	Hatieganu" Cluj-Napoca		
FACULTY	MEDICINE	TITLE OF THE GRADUATE	MEDICAL DOCTOR
FIELD OF STUDY	HEALTH	DURATION OF STUDIES	6 YEARS
REGULATION LEVEL	SECTORIAL	CREDITS FOR THE STUDIES	360

					ECTS				Numb	er of hours			evalu	oe of uatio n
No.	Code Course	DISCIPLINE	Course Type				Tota hours/aca year	demic	Semest	er I (S. I)	Semeste	r II (S. II)	S. I	S. II
				Total	S. I	S. II	Course	PA	C/week	PA/week	C/week	PA/week		
1.	MED2101EN	Topographic and Sectional Applied Anatomy	Comp. FD	6	6	-	28	28	2	2	-	-	E1	-
2.	MED2102 EN	Metabolic Biochemistry	Comp. FD	7	7	-	42	42	3	3	-	-	E1	-
3.	MED21203EN	Histology	Comp. FD	8	4	4	56	56	2	2	2	2	E1	E2
4.	MED21204EN	Physiology	Comp. FD	12	6	6	84	70	3	3	3	2	E1	E2
5.	MED21205EN	General Microbiology. Clinical Microbiology	Comp. FD	8	4	4	70	56	2	2	3	2	E1	E2
6.	MED21206EN	Medical Genetics	Comp. FD	7	3	4	42	56	1	2	2	2	-	E2
7.	MED2207EN	Medical Research Methodology	Comp. CD	3	-	3	21	21	-	-	1.5	1.5	-	E2
8.	MED2208EN	Fundamental Epidemiology and Primary Healthcare	Comp. DD	2	-	2	14	7	-	-	1	0.5	-	V
9.	MED2209EN	Modern/Romanian Language	Comp. CD	2	-	2	-	56	-	2	-	2	-	С
10.	MED2210EN	Sport*	Comp. CD	1*	-	1*	-	28	-	1	-	1	-	V
11.	MED2211EN	Elective Course **	Elective	2	-	2	14	-	-	-	1	-	-	V
12.	MED2212EN	Specialty Medical Practice	Comp. SD	3	-	3	-	160	-	-	-	-	-	С
		Total	-	60	30	30	371	580	13	17	13.5	13		
		Total of hours/ week 28.25					951			30	2	6,5	5E	5E 3V 2C

LEGEND

- **FD** fundamental discipline;
- **DD** domain discipline;
- **SD** specialization discipline;
- **CD** complementary discipline;
- E exam;
- V- evaluation during the semester;
- C colloquium
- PA practical activities;
- **ECTS** transferrable credits.

Remarks

- Romanian Language is compulsory for international students and will consist of 84 h = 3 hours/week;
- Modern Language is compulsory for Romanian students and elective for international students.
- *Sport is a COMPULSORY discipline with additional credits.

** Elected Courses for 2nd Semester: Drugs and Addictions, The Use of Stem Cells in Cellular Therapy and Tissue Engineering

CURRICULUM – YEAR III - 2023 – 2024

UNIVERSITY	University of Medicine and Pharmacy "Iuliu	STUDY PROGRAM	MEDICINE
	Hatieganu", Cluj-Napoca		
FACULTY	MEDICINE	TITLE OF THE GRADUATE	MEDICAL DOCTOR
STUDY FIELD	HEALTH	DURATION OF STUDIES	6 YEARS
REGULATION LEVEL	SECTORIAL	CREDITS FOR THE STUDIES	360

									Numb	er of hours				pe of uation
No.	Course Code	DISCIPLINE	Course Type		ECTS		To hours/ac yes	ademic	Semeste	er I (S. I)	Semeste	er II (S. II)	S. I	S. II
				Total	S. I	S. II	Course	PA	C/week	PA/week	C/week	PA/week		
1.	MED31201EN	Medical Semiology	Comp. DD	12	5	7	84	154	3	5	3	6	E1	E2
2.	MED3102 EN	Surgical Semiology	Comp. DD	7	7	-	42	56	3	4	-	-	E1	-
3.	MED31203EN	Physiopathology	Comp. FD	8	4	4	56	56	2	2	2	2	E1	E2
4.	MED31204EN	Pathologic Anatomy	Comp. FD	9	4	5	70	70	2	2	3	3	E1	E2
5.	MED31205EN	Pharmacology	Comp. FD	8	4	4	42	28	2	1	1	1	E1	E2
6.	MED31206EN	Hygiene	Comp. DD	7	2	5	42	42	1	1	2	2	V	E2
7.	MED3107EN	Basic Practical Skills. Interprofesional education	Comp. SD	2	2	-	7	21	0.5	1.5	-	-	V	-
8.	MED3108EN	Elective Course **	Elective	2	2	-	14	-	1	-	-	-	V	-
9.	MED3209EN	Immunology	Comp. DD	2	-	2	14	14	-	-	1	1	-	V
10.	MED3210EN	Specialty Medical Practice	Comp. SD	3	-	3	-	140	-	-	-	-	-	С
11.	MED3211EN	Romanian Language* (for international students)	Comp. CD	-	-	-	-	84*	-	3	-	3	-	C
		Total	-	60	30	30	371	581	14.5	16.5	12	15	-	-
		Total of hours/week 29					95	2	3	51		27	5E 3V	5E 1V 2C

RECTOR, Professor Anca Dana Buzoianu MD, PhD DEAN, Professor Şoimița Mihaela Suciu MD,PhD

LEGEND

- **FD** fundamental discipline;
- **DD** domain discipline;
- **SD** specialization discipline;
- **CD** complementary discipline;
- E exam;
- V- evaluation during the semester;
- C colloquium
- **PA** practical activities;
- **ECTS** transferrable credits.

Remarks

- Surgical Semiology and Basic Practical Skills is conducted in the mirror with Immunology
- -*Romanian language is compulsory for international students.
- At the end of the 3rd year, students from English and French study programs are going to have an eliminatory Romanian language test.

** Elected Courses for 1st Semester: Neurological Examination in Medical Emergencies, Aesthetic Surgery

CURRICULUM – YEAR IV - 2023 – 2024 - MODULAR – (30-week teaching, 6-week exam session)

UNIVERSITY	University of Medicine and Pharmacy "Iuliu Hatieganu",	STUDY PROGRAM	MEDICINE
	Cluj-Napoca		
FACULTY	MEDICINE	TITLE OF THE GRADUATE	MEDICAL DOCTOR
STUDY FIELD	HEALTH	DURATION OF STUDIES	6 YEARS
REGULATION LEVEL	SECTORIAL	CREDITS FOR THE STUDIES	360

					ECTS		Numbe	er of hours		pe of lation
No.	Course Code	DISCIPLINE	Course Type		ECIS			ırs/academic year	S. I	S. II
				Total	S. I	S. II	Course	PA		
1.	MED4101EN	Internal Medicine I*	Comp. SD	9	5	-	28	63	E1	_
		Gastroenterology			4	-	21	42		
2.	MED4102EN	Clinical Pharmacology	Comp. DD	3	3	-	21	14	E1	-
3.	MED4103EN	Nephrology	Comp. SD	3	3	-	21	21	E1	-
4.	MED4104EN	Hematology	Comp. SD	3	3	-	21	21	E1	-
5.	MED4105EN	Clinical Biochemistry	Comp. DD	2	2	-	14	7	E1	-
6.	MED4106EN	Ophthalmology	Comp. SD	3	3	-	14	28	E1	-
7.	MED4107EN	Urology	Comp. SD	3	3	-	14	28	E1	-
8.	MED4108EN	Endocrinology	Comp. SD	4	2	-	14	21	E1	-
	MED4108EN	Diabetes, Nutritional and Metabolic Diseases	Comp. SD	4	2	-	14	14	LI	-
0	MED 4000EN	Radiology. Locomotor System, Excretory System and Emergency		F		E	21	21		E2
9.	MED4209EN	Medical Imaging	Comp. DD	5	-	5	14	14	-	E2
10.	MED4210EN	Occupational Medicine and Occupational Diseases	Comp. SD	3	-	3	14	28	-	E2
		General Surgery*					56	140		
		Oncologic Surgery					7	7		
11	MED 401 IEN	Cardiovascular Surgery		10		10	7	7		F 2
11.	MED4211EN	Vascular Surgery	Comp. SD	12	-	12	7	10	-	E2
		Thoracic Surgery					7	7		
		Plastic Surgery					7	7		
12.	MED4212EN	Cranio-Maxillo-Facial Surgery	Comp. SD	2	-	2	14	14	-	E2
12	MED 4012EN	Orthopedics-Traumatology		2		2	14	28		F2
13.	MED4213EN	Pediatric Orthopedics	Comp. SD	3	-	3	7	7	-	E2
14.	MED4214EN	Elective Course **	Elective	2	-	2	14	-	-	V
15.	MED4215EN	Specialty Medical Practice	Comp. SD	3	-	3	-	160	-	С
		Total		60	30	30	371	709	-	-
		Total hours /week 30					1	1080	8E	5E, 1V 1C

LEGEND

- **FD** fundamental discipline;
- **DD** domaine discipline;
- **SD** specialization discipline;
- **CD** complementary discipline;
- \mathbf{E} exam;
- V- evaluation during the semester;
- C colloquium
- PA practical activities;
- **ECTS** transferrable credits.

Remarks

- Modules are organized in 7-week blocks + 2 weeks of exam session;
- *Modules are organized in 8-week blocks + 1 week of exam session;
- Internal Medicine is studied in both semesters, 4 series in the first semester and 4 series in the second semester;
- Surgery is studied in both semesters, 4 series in the first semester and 4 series in the second semester;
- Internal Medicine has a clinical internship of 3 hours /day 4 days/week, in the guard service 1,25 h/week > 10 hours/module in the emergency room (2 participations of 5 hours each);
- Surgery clinical internships take place 3 hours /day, 5 days/week, in the emergency service 2,5 h/week >20 hours in the emergency room /module;

- The following exams: Radiology. Locomotor System, Excretory System and Emergency and Medical Imaging, General Surgery, Oncologic Surgery, Cardiovascular Surgery and Plastic Surgery, Endocrinology and Diabetes, Nutritional and Metabolic Diseases, Orthopedics -Traumatology and Pediatric Orthopedics are complex and carried out according to the methodology issued by the Dean's Office.

** Elected Courses for 2nd Semester: Basic techniques in general surgery, Psychosomatic medecine

CURRICULUM - YEAR V - 2023 - 2024 - MODULAR - (30-week teaching, 6-week exam session)

UNIVERSITY	University of Medicine and Pharmacy "Iuliu	STUDY PROGRAM	MEDICINE
	Hatieganu" Cluj-Napoca		
FACULTY	MEDICINE	TITLE OF THE GRADUATE	MEDICAL DOCTOR
STUDY FIELD	HEALTH	DURATION OF STUDIES	6 YEARS
REGULATION LEVEL	SECTORIAL	CREDITS FOR THE STUDIES	360

No.	Course Code	DISCIPLINE	Course Type		ECTS		Number of ho	urs	Typ evalua	
110.	Course coue	DISCHENVE	course rype				Total hours/y	ear	S. I	S. II
				Total	S. I	S. II	Course	PA	5.1	5. 11
		Internal Medicine II *			6	-	28	56		
1.	MED5101EN	Cardiology	Comp. SD	14	6	-	28	63	E1	-
		Pneumology			2		14	14		
2.	MED5102EN	Clinical Pharmacology	Comp. DD	4	4	-	21	21	E1	-
		Neurosciences					-	-		
3.	MED5103EN	Neurology	Comp. SD	10	10	-	56	70	E1	-
		Neurosurgery					14	14		
4.	MED5104EN	Elective course ****	Elective	2	2	-	14	-	V	-
5.	MED5205EN	Radiology imaging. Cardiovascular, Respiratory and Neurology System	Comp. DD	2	-	2	14	14	-	E2
		Pediatrics* *					70	160		
6.	MED5206EN	Puericulture	Comp. SD	12	-	12	14	14	-	E2
0.	WIED5200EIN	Pediatric Surgery					7	21		
7.	MED5207EN	ENT - Otolaryngology	Comp. SD	4	-	4	28	28	-	E2
		Medical Oncology	Comp. SD	4	-	2	14	14	_	E2
8.	MED5208EN	Radiotherapy	Comp. 5D	-	-	2	7	14	_	1.2
	MED5209EN	Rheumatology	Comp. SD	5	-	3	21	14	_	E2
9.	WIED5209EN	Medical Rehabilitation	Comp. 5D	5	-	2	14	14	-	E2
10.	MED5210EN	Preparation of the License Thesis***	Compulsory	2*	-	2*	-	80	-	V
11.	MED5211EN	Specialty Medical Practice	Comp. SD	3	-	3	-	140	I	C
		Total		60	30	30	364	751	-	-
		Total hours / week 29.8					1115		3E 1V	5E 1V 1C

DEAN, Professor Şoimița Mihaela Suciu MD,PhD

<u>LEGEND</u>

- **FD** fundamental discipline;
- **DD** domaine discipline;
- **SD** specialization discipline;
- **CD** complementary discipline;
- \mathbf{E} exam;
- V- evaluation during the semester;
- ${\bf C}$ colloquium
- PA practical activities;
- ${\bf ECTS}-{\rm transferrable\ credits}.$

Remarks

- Modules are organized in 7-week blocks + 2 weeks of exam session;
- *Modules are organized in 8-week blocks + 1 week of exam session;
- **For Pediatrics Clinical internships, there are 4 hours /day; 8 hours of clinical internship are required in the emergency service;
- ***Credits for the Preparation of the License Thesis are supplementary credits;
- The following exams: Internal Medicine. Cardiology, Pneumology; Neurology, Neurosurgery; Pediatrics, Puericulture, Pediatric Surgery; Medical Oncology,
- Radiotherapy; Rhumathology and Medical Reabilitation are complex and carried out according to the methodology issued by the Dean's Office.

**** Elected Courses for 1st Semester: Ultrasonography in medical and surgical Emergencies, Brief Methodological Guide for the Thesis

CURRICULUM – YEAR VI - 2023 – 2024 - MODULAR - (30-week teaching, 6-week exam session)

UNIVERSITY	University of Medicine and Pharmacy "Iuliu	STUDY PROGRAM	MEDICINE
	Hatieganu" Cluj-Napoca		
FACULTY	MEDICINE	TITLE OF THE GRADUATE	MEDICAL DOCTOR
STUDY FIELD	HEALTH	DURATION OF STUDIES	6 YEARS
REGULATION LEVEL	SECTORIAL	CREDITS FOR THE STUDIES	360

			Course		ECTS		Numb	oer of hours	Туре о	f evaluation
No.	Course Code	DISCIPLINE	Type		ECIS		Total ho	urs/acad. year	S. I	S. II
			Турс	Total	S. I	S. II	Course	PA	5.1	5. 11
1.	MED6101EN	Family Medicine	Comp. SD	5	5	-	28	42	E1	-
2.	MED6102EN	Special epidemiology and healthcare associated infections	Comp. DD	2	2	-	14	14	E1	-
3.	MED6103EN	Dermatology	Comp. SD	6	4	-	28	28	E1	-
5.	MEDOTOSEI	Alergology	Comp. 5D	0	2	-	7	14		-
4.	MED6104EN	Obstetrics-Gynecology*	Comp. SD	10	10	_	56	140	E1	_
+.	MED0104EN	Neonatology	•	10	10	_	7	14	LI	-
5.	MED6105EN	Forensic Medicine	Comp. SD	3	3	-	21	21	E1	-
6.	MED6106EN	Emergency Medicine	Comp. SD	2	2	-	7	14	E1	-
7.	MED6107EN	Palliative Care	Comp. SD	2	2	-	14	14	E1	-
8.	MED6208EN	Geriatrics	Comp. SD	2	-	2	14	14	-	E2
		Psychiatry		0		0	42	42		
9.	MED6209EN	Pediatric Psychiatry	Comp. SD	8	-	8	14	14	-	E2
10.	MED6210EN	Infectious Diseases	Comp. SD	8	-	8	49	70	-	E2
11.	MED6211EN	Anesthesia and Intensive Care	Comp. SD	3	-	3	21	21	-	E2
12.	MED6212EN	Training in the Practical Skills Centre. Interprofesional education	Comp. SD	2	-	2	7	21	-	V
13.	MED6213EN	Public Health and Management	Comp. DD	3	-	3	28	14	-	E2
14.	MED6214EN	Malpraxis and medical law. Medical deontology	Comp. DD	2	-	2	14	-	-	V
15.	MED6215EN	Elective course ***	Elective	2	-	2	14	-	-	V
16.	MED6216EN	Preparation of the License Thesis **	Compulsory	2*	-	2*	-	80	_	С
		Total		60	30	30	385	577	-	-
		Total hours / week 29						962	7E	5E 3V 1C
Additiona	al credits		1	1	<u>ı</u>	1	1			1
		Passing the graduate examination		10		10				Ε

RECTOR, Professor Anca Dana Buzoianu MD, PhD DEAN, Professor Şoimiţa Mihaela Suciu MD,PhD

<u>LEGEND</u>

- **FD** –fundamental discipline;
- **DD** domaine discipline;
- **SD** specialization discipline;
- **CD** complementary discipline;
- \mathbf{E} exam;
- V- evaluation during the semester;
- C colloquium
- **PA** practical activities;
- ECTS –transferrable credits.

Remarks

- Modules are organized in 7-week blocks of + 2 weeks exam session;
- -* Gynecology internships are of 4 hours/day; 4 hours of internship/week are compulsory within the emergency service;
- ** Credits for the Preparation of the License Thesis are supplementary credits.

The following exams: Dermatology. Alergology, Obstetrics-Gynecology. Neonatology, Psychiatry. Pediatric Psychiatry are complex and carried out according to the methodology issued by the Dean's Office.

*** Elected Courses for 2nd Semester: Techniques and Maneuvers in Obstetrics and Gynecology, Medico-legal Aspects of intrafamilial Violence