

**CURRICULUM – 1st year
2023-2024**

UNIVERSITY	"GEORGE EMIL PALADE" UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES	SPECIALISATION	MEDICINE, ENGLISH (Hamburg, Germany)
FACULTY	FACULTY OF MEDICINE IN ENGLISH	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF REGULATION	SECTORIAL	ECTS	360 (compulsory + optional) +10 ECTS Licence Exam

No	Educational activities Subjects	Code/ Type of subjects	1 st Semester I (14 weeks)								2 nd Semester (14 weeks)								Total per academic year			
			1 st Module (7weeks)				2 nd Module (7 weeks)				3 rd Module (7 weeks)				4 th Module (7 weeks)							
			Lect.	Pa/Inter./ Sem/Pr	ECTS	Type of Assessment	Lect.	PA/Inter. / Sem/Pr	ECTS	Type of Assessment	Lect.	Pa/Inter. / Sem/Pr	ECTS	Type of Assessment	Lect.	PA/Inter/ Sem/Pr	ECTS	Type of Assessment	Lect.	PA/Inter. / Sem/Pr	Indiv. study	ECTS
1	Biochemistry (1)	MEH102/FS	4	6	5	E												28	42	56	5	
2	Anatomy (1)	MEH103/FS	4	10(8+2)*	8	E												28	70	105	8	
3	Romanian Language/ Cultural studies (1)	MEH110/CS	-	4	2	V								-	4	2	V	-	56	56	4	
4	Biophysics and Medical Biotechnology	MEH101/FS					4	6	5	E								28	42	56	5	
5	Medical Informatics	MEH104/CS					4	6	5	E								28	42	56	5	
6	Medical Biostatistics	MEH105/CS					2	2	3	E								14	14	49	3	
7	Anatomy (2)	MEH106/FS									4	10(8+2)*	8	E				28	70	105	8	
8	Biochemistry (2)	MEH108/FS									4	6	5	E				28	42	56	5	
9	Physical Education (1)	MER112/CS									-	4	2	V				-	28	28	2	
10	Physiology (1)	MEH107/FS												4	6	5	E	28	42	56	5	
11	Molecular and Cell Biology	MEH109/FS												4	6	5	E	28	42	56	5	
12	Medical Terminology	MEH111/RS									4	-	3	V				28	-	49	3	
13	Speciality Practice	MEH113/SS												-	-	2	V	-	160	-	2	
14	Optional subject**	OPT	2	-	2	V												14	-	42	2	
GRAND TOTAL		7FS; 1SS;1RS; 4CS; 1OPT	10	20	17	2E,2V	10	14	13	3E	12	20	18	2E,2V	12	12	14	2E; 2V	280	650	770	60
TOTAL HOURS/CREDITS			27 hours/week - 30 ECTS/semester								28 hours/week - 30 ECTS/semester + 2***								930		+2***	

Ratio theory/practical activity (Practical activities, Internship, Seminar, Practice): **280/650: 1/ 2.32**; Ratio exams/verifications = **9E/6V**

* (56+14) – 56 hours in Hamburg Campus/module, 14 hours in Tîrgu Mureş Campus

** : Compulsory, credited;

*** Physical Education – 2 extra ECTS

FS - Fundamental Subject ; SS – Specialty Subject ; CS – Complementary Subject; RS – Relevant Subject for the Program of Study; DS - Domain Subject; OPT – Optional Subject

E –exam; V - Verification; Lect.- Lecture; PA – Practical Activities; Sem – Seminar; Intern. – Clinical Internship; Pract. – practice; ECTS –Transferable European Credits

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Prof. Oana Mărginean, MD, PhD**

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Assoc. Prof. Simona Mureşan, MD, PhD

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**CURRICULUM – 2nd year
2023-2024**

UNIVERSITY	“GEORGE EMIL PALADE” UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES	SPECIALISATION	MEDICINE, ENGLISH (Hamburg, Germany)
FACULTY	FACULTY OF MEDICINE IN ENGLISH	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF REGULATION	SECTORIAL	ECTS	360 (compulsory + optional) +10 ECTS Licence Exam

No	Educational activities Subjects	Code/ Type of subjects	1 st Semester I (14 weeks)								2 nd Semester (14 weeks)								Total per academic year			
			1 st Module (7weeks)				2 nd Module (7 weeks)				3 rd Module (7 weeks)				4 th Module (7 weeks)				Lect.	PA/Inter. / Sem/Pr	Indiv. study	ECTS
			Le ct.	PA/Inter. / Sem/Pr	ECTS	Type of Assessment	Lect.	PA/Inter/ Sem/Pr	ECTS	Type of Assessment	Lect.	Pa/Inter/ Sem/Pr	ECTS	Type of Assessment	Lect.	PA/Inter Sem/Pr	ECTS	Type of Assessment				
1	Physiology (2)	MEH201/FS	4	6	6	E													28	42	84	6
2	Histology (1)	MEH202/FS	4	6	6	E													28	42	84	6
3	Romanian Language/ Cultural studies (2)	MEH203/CS					-	4	2	V	-	4	2	V					-	56	56	4
4	Anatomy (3)	MEH204/FS					4	10(8+2)*	8	E									28	70	105	8
5	Patient-Doctor Communication	MEH205/CS					4	4	4	E									28	28	56	4
6	Medical Deontology. Bioethics.	MEH206/DS					4	-	2	V									28	-	28	2
7	Genetics	MEH207/FS									4	6	6	E					28	42	84	6
8	Physical Education (2)	MEH208/CS									-	4	2	V					-	28	28	2
9	Introduction in Practical Work	MEH209/RS									-	2	3	V					-	14	63	3
10	Physiology (3)	MEH210/FS												4	6	6	E	28	42	84	6	
11	Histology (2)	MEH211/FS												4	6	6	E	28	42	84	6	
12	First Aid	MEH212/SS												4	4	5	E	28	28	70	5	
13	Speciality Practice	MEH213/SS												-	-	2	V	-	160	-	2	
14	Optional subject**	OPT	2	-	2	V												14	-	42	2	
GRAND TOTAL		6FS; 3CS; 2SS; 1DS; 1RS; 1OPT	10	12	14	2E; 1V	12	18	16	2E;2V	4	16	13	1E;3V	12	16	19	3E; 1V	266	594	868	60 +2***
TOTAL HOURS/CREDITS			26 hours/week - 30 ECTS/semester								24 hours/week - 30 ECTS/semester + 2***								860			

Ratio theory/practical activity (Practical activities, Internship, Seminar, Practice): **266/594: 1/ 2.23**; Ratio exams/verifications = **8E/7V**

*: 14 hours in Tîrgu Mureş Campus

** : Compulsory, credited.

***Physical Education – 2 extra ECTS

FS - Fundamental Subject ; SS – Specialty Subject ; CS – Complementary Subject; RS – Relevant Subject for the Program of Study; DS - Domain Subject; OPT – Optional Subject

E –exam; V - Verification; Lect.- Lecture; PA – Practical Activities; Sem – Seminar; Intern. – Clinical Internship; Pract. – practice; ECTS –Transferable European Credits

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**CURRICULUM – 3rd year
2023-2024**

UNIVERSITY	"GEORGE EMIL PALADE" UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES	SPECIALISATION	MEDICINE, ENGLISH (Hamburg, Germany)
FACULTY	FACULTY OF MEDICINE IN ENGLISH	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF REGULATION	SECTORIAL	ECTS	360 (compulsory + optional) +10 ECTS Licence Exam

No	Educational activities Subjects	Code/ Type of subjects	1 st Semester I (14 weeks)								2 nd Semester (14 weeks)								Total per academic year			
			1 st Module (7weeks)				2 nd Module (7 weeks)				3 rd Module (7 weeks)				4 th Module (7 weeks)				Lect.	PA/Inter / Sem/Pr	Indiv. study	ECTS
			Lect.	PA/Inter Sem/Pr	ECTS	Type of Assessment	Lect.	PA/Inter Sem/Pr	ECTS	Type of Assessment	Lect.	PA/Inter./ Sem/Pr	ECTS	Type of Assessment	Lect.	PA/Inter. / Sem/Pr	ECTS	Type of Assessment				
1	Pathology (1)	MEH301/FS	4	4	4	E													28	28	56	4
2	Pharmacology (1)	MEH302/FS	4	4	4	E													28	28	56	4
3	Scientific Research Methodology	MEH303/CS	2	2	2	V													14	14	28	2
4	Pathophysiology (1)	MEH304/FS	4	6	4	E													28	42	35	4
5	Medical Semiology(1)	MEH305/DS					4	6	4	E									28	42	56	5
6	Surgical Semiology (1)	MEH306/DS					4	6	4	E									28	42	56	5
7	Bacteriology. Virusology.Parasitology (1)	MEH307/FS					4	4	4	E									28	28	56	4
8	Pathophysiology (2)	MEH308/FS					2	-	2	V									14	-	42	2
9	Hygiene, Environmental Health and Food Safety	MEH309/DS									4	4	3	E					28	28	21	3
10	Clinical Biochemistry. Immunology	MEH310/DS									2	2	2	V					14	14	28	2
11	Pharmacology (2)	MEH311/FS									4	4	4	E					28	28	56	4
12	Pathology (2)	MEH312/FS									4	4(2+2)	3	E					28	28	21	3
13	Medical Semiology (2)	MEH313/DS													4	6	5	E	28	42	56	5
14	Surgical Semiology (2)	MEH314/DS													4	6	5	E	28	42	56	5
15	Bacteriology. Virusology. Parasitology (2)	MEH315/DS													4	4(2+2)	4	E	28	28	56	4
16	Speciality Practice	MEH316/SS													-	-	2	V	-	160	-	2
17	Medical abilities *	MEH317/SS													-	-	2	V	-	48	-	2
18	Optional subject**	OPT													2	-	2	V	14	-	42	2
GRAND TOTAL		7FS; 7DS; 1CS; 2SS; 1OPT	14	16	14	3E/1V	14	16	16	3E;1V	14	14	12	3E;1V	14	16	18	3E;3V	392	642		
TOTAL HOURS/CREDITS			30 hours/week - 30 ECTS/semester								29 hours/week - 30 ECTS/semester								1034			
																					721	60

Ratio theory/practical activity (Practical activities, Internship, Seminar, Practice): **392/642: 1/1.63**; Ratio exams/verifications = **12E/6V**

*: Medical abilities – 12 h x 4 = 48 h.; **: Compulsory, credited.

FS - Fundamental Subject ; SS – Specialty Subject ; CS – Complementary Subject; DS - Domain Subject; OPT – Optional Subject.

E –exam; V - Verification; Lect.- Lecture; PA – Practical Activities; Sem – Seminar; Intern. – Clinical Internship; Pract. – practice; ECTS –Transferable European Credits

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**CURRICULUM – 4th year
2023-2024**

UNIVERSITY	“GEORGE EMIL PALADE” UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES	SPECIALISATION	MEDICINE, ENGLISH (Hamburg, Germany)
FACULTY	FACULTY OF MEDICINE IN ENGLISH	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF REGULATION	SECTORIAL	ECTS	360 (compulsory + optional) +10 ECTS Licence Exam

No.	Educational activities Subjects	Code/ Type of subjects	Semester I (14 weeks)				Semester II (14 weeks)				Total per academic year			
			Lecture	PA/Inter Sem/Pr	ECTS	Type of Assesment	Lecture	PA/Inter Sem/Pr	ECTS	Type of Assesment	Lecture	PA/Inter Sem/Pr	Indiv. study	ECTS
1	Orthopedics and Traumatology	MEH401/SS	2	15 (3s)	6	E					28	45	84	6
2	General Surgery	MEH402/SS	3	15 (6s)	9	E					42	90	98	9
3	Urology	MEH403/SS	2	15 (3s)	6	E					28	45	84	6
4	Endocrinology	MEH404/SS	2	2	3	E					28	28	21	3
5	Pediatric surgery. Pediatric Orthopedics	MEH405/SS	1	15 (1s)	3	E					14	15	56	3
6	Plastic, Esthetics and Reconstructive Microsurgery	MEH406/SS	1	15 (1s)	3	E					14	15	28	3
7	Cardiology - Internal medicine (1)	MEH407/SS					2	15 (9s)	8	E	28	135	42	8
8	Hematology – Internal medicine (1)	MEH408/SS					1	15 (2s)	2	E	14	30	7	2
9	Emergency Medicine	MEH409/SS					1	15 (2s)	4	E	14	30	56	4
10	Child care	MEH410/DS					1	15 (1s)	3	E	14	15	56	3
11	Radiology and medical imaging	MEH411/SS					2	1	3	E	28	14	42	3
12	Occupational medicine and professional diseases	MEH412/SS					1	1	2	V	14	14	28	2
13	Oral-maxillo-facial Surgery	MEH413/SS					1	1	2	V	14	14	28	2
14	Speciality Practice	MEH414/SS					-	-	2	V	-	160	-	2
15	Medical abilities*	MEH415/SS					-	-	2	V	-	48	-	2
16	Optional course**	MEH416/OPT					1	-	2	V	14	-	42	2
Grand Total		14 SS; 1 DS; 1 OPT	11	17	30	6E	10	18	30	5E; 5V	294	698		60
TOTAL HOURS/CREDITS/SEM/YEAR			28 hours/week - 30 ECTS/semester				28 hours/week - 30 ECTS/semester				992		672	

Ratio theory/practical activity (Practical activities, Internship, Seminar, Practice): **294/698 : 1 / 2.37**; Ratio exams/verifications = **10E/5V**

*Medical abilities – 12 h x 4 = 48 h

**Compulsory, credited.

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E –exam; V - Verification; Lect.- Lecture; PA – Practical Activities; Sem – Seminar; Intern. – Clinical Internship; Pract. – practice; ECTS –Transferable European Credits

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**CURRICULUM – 5th year
2023-2024**

UNIVERSITY	"GEORGE EMIL PALADE" UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES	SPECIALISATION	MEDICINE, ENGLISH (Hamburg, Germany)
FACULTY	FACULTY OF MEDICINE IN ENGLISH	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF REGULATION	SECTORIAL	ECTS	360 (compulsory + optional) +10 ECTS Licence Exam

2	Educational activities Subjects	Code/ Type of subjects	Semester I (14 weeks)				Semester II (14 weeks)				Total per academic year			
			Lecture	PA/Inter Sem/Pr	ECTS	Type of Assesment	Lecture	PA/Inter Sem/Pr	ECTS	Type of Assesment	Lecture	PA/Inter Sem/Pr	Indiv. study	ECTS
1	Gastroenterology - Internal medicine (2)	MEH501/SS	2	15 (7s)	6	E					28	105	21	6
2	Nephrology- Internal medicine (2)	MEH502/SS	1	(2s)	3	E					14	30	35	3
3	Diabetology and Nutritional Diseases- Internal medicine (2)	MEH503/SS	1	(2s)	3	E					14	30	35	3
4	ENT	MEH504/SS	2	1	4	E					28	14	70	4
5	Ophthalmology	MEH505/SS	2	1	4	E					28	14	70	4
6	Anesthesia-Intensive Care	MEH506/SS	2	15 (3s)	6	E					28	45	84	6
7	Rheumatology	MEH507/SS					1	15 (1s)	2	E	14	15	56	2
8	Rehabilitation, Physical Medicine and Balneology	MEH508/SS					1	15 (1s)	2	E	14	15	56	2
9	Dermatology	MEH509/SS					2	15 (1s)	4	E	28	15	70	4
10	Neurology	MEH510/SS					2	15 (3s)	6	E	28	45	84	6
11	Pediatrics	MEH511/SS					3	15 (7s)	8	E	42	105	56	8
12	Pneumology	MEH512/SS					1	15 (1s)	2	E	14	15	28	2
13	Medical Oncology	MEH513/SS					1	1	2	V	14	14	28	2
14	Pediatric Psychiatry	MEH514/SS					1	1	2	V	14	14	28	2
15	Speciality Practice	MEH515/SS					-	-	2	V	-	160	-	2
16	Medical abilities*	MEH516/SS	-	-	2	V					-	48	-	2
17	Optional course**	MEH517/OPT	1	-	2	V					14	-	42	2
Grand Total		16 SS; 1 OPT	11	17	30	6E;2V	12	17	30	6E; 2V	322	684	763	60
TOTAL HOURS/CREDITS/SEM/YEAR			28 hours/week - 30 ECTS/semester				29 hours/week - 30 ECTS/semester				1006			

Ratio theory/practical activity (Practical activities, Internship, Seminar, Practice): **322/684 : 1 / 2.13**; Ratio exams/verifications = **12E/4V**

*Medical abilities – 12 h x 4 = 48 h

** Compulsory, credited.

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**CURRICULUM – 6th year
2023-2024**

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FACULTY	FACULTY OF MEDICINE IN ENGLISH	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF REGULATION	SECTORIAL	ECTS	360 (compulsory + optional) +10 ECTS Licence Exam

No.	Educational activities Subjects	Code/ Type of subjects	Semester I (14 weeks)				Semester II (14 weeks)				Total per academic year			
			Lecture	PA/Inter Sem/Pr	ECTS	Type of Assesment	Lecture	PA/Inter Sem/Pr	ECTS	Type of Assesment	Lecture	PA/Inter Sem/Pr	Indiv. study	ECTS
1	Obstetrics-Gynecology. Neonatology	MEH601/SS	2	15 (6s)	7	E	2	15 (6s)	7	E	56	180	112	14
2	Infectious diseases	MEH602/SS	1	15 (4s)	6	E	2	15 (4s)	6	E	42	120	140	12
3	Family medicine	MEH603/SS	2	15 (4s)	6	E					28	60	70	6
4	Public health	MEH604/DS	1	1	2	V					14	14	28	2
5	Health management	MEH605/DS	1	1	2	V					14	14	28	2
6	Primary care	MEH606/DS	1	1	2	V					14	14	28	2
7	Palliative care	MEH607/SS	1	1	3	E					14	14	56	3
8	Epidemiology	MEH608/DS					2	15 (1s)	4	E	28	15	56	4
9	Psychiatry	MEH609/SS					2	15 (3s)	5	E	28	45	56	5
10	Medical Psychology and Sociology. Behavioural Science	MEH610/CS					2	2	4	E	28	28	56	4
11	Forensic Medicine	MEH611/SS					1	1	2	E	14	14	28	2
12	Medical abilities*	MEH612/SS					-	-	2	V	0	48	-	2
13	Preparation of graduation thesis	MEH613/SS									0	160	-	0
14	Optional Course**	MEH614/OPT	1	-	2	V					14	0	42	2
Grand Total		8SS; 4DS; 1CS;1 OPT	10	19	30	4E;4V	11	18	30	6E; 1V	294	726	700	60
TOTAL HOURS/CREDITS/SEM/YEAR			29 hours/week - 30 ECTS/semester				29 hours/week - 30 ECTS/semester				1020			
*** Discipline courses – 1 object/year														
1	Clinical homeopathy	MEH614/OPT												
2	Geriatrics	MEH615/OPT												

Ratio theory/practical activity (Practical activities, Internship, Seminar, Practice): **294/726 : 1 / 2,4**; Ratio exams/verifications = **10E/5V**

* Medical abilities – 12 h x 4 = 48 h

** Compulsory, credited.

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Total hours in 6 years = 5842 (5 674 hours, without Physical Education and Romanian Language – 168 hours)

Ratio theory/practical activity (without Physical Education and Romanian Language) **1848/3994 : 1/2,16**

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