

CURRICULUM – 1st year 2021-2022

UNIVERSITY	"GEORGE EMIL PALADE" UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE, AND TECHNOLOGY OF TIRGU MURES	SPECIALISATION	MEDICINE, ENGLISH (Hamburg, Germania)
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 +2***
TOTAL HOURS/CREDITS			27 hours/week - 30 ECTS/semester								28 hours/week - 30 ECTS/semester + 2***								930				
**Optional subjects – 1 subject /year																							
1	Fundamentals of Biology	MEH114/OPT																					
2	Fundamentals of Chemistry	MEH115/OPT																					
3	Fundamentals of Physics	MEH116/OPT																					

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 Tirgu Mures 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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Assoc. Prof. Simona Mureşan, MD, PhD

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**CURRICULUM – 2nd
year 2022-2023**

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	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

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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	ECT S
			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	MEH304/FS	4	4	4	E													28	28	56	4
5	Medical Semiology(1)	MEH305/DS					4	6	5	E									28	42	56	5
6	Surgical Semiology (1)	MEH306/DS					4	6	5	E									28	42	56	5
7	Bacteriology. Virusology. Parasitology (1)	MEH307/FS					4	4	4	E									28	28	56	4
8	Hygiene, Environmental Health and Food Safety	MEH308/DS									4	4	3	E					28	28	21	3
9	Clinical Biochemistry. Immunology	MEH309/DS									2	2	2	V					14	14	28	2
10	Pharmacology (2)	MEH310/FS									4	4	4	E					28	28	56	4
11	Pathology (2)	MEH311/FS									4	4(2+2)	3	E					28	28	21	3
12	Medical Semiology (2)	MEH312/DS													4	6	5	E	28	42	56	5
13	Surgical Semiology (2)	MEH313/DS													4	6	5	E	28	42	56	5
14	Bacteriology. Virusology. Parasitology (2)	MEH314/DS													4	4(2+2)	4	E	28	28	56	4
15	Speciality Practice	MEH315/SS													-	-	2	V	-	160	-	2
16	Medical abilities *	MEH316/SS													-	-	2	V	-	48	-	2
17	Optional subject**	OPT					2	-	2	V									14	-	42	2
GRAND TOTAL		7FS; 6DS; 1CS; 2SS; 1OPT	14	14	14	3E/1V	14	16	16	3E;1V	14	14	12	3E;1V	12	16	18	3E;2V	378	628	700	60
TOTAL HOURS/CREDITS			29 hours/week - 30 ECTS/semester								28 hours/week - 30 ECTS/semester								1006			

Ratio theory/practical activity (Practical activities, Internship, Seminar, Practice): **378/628: 1/1.66**; Ratio exams/verifications = **12E/5V**

*: 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.

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**CURRICULUM – 4th year
2024-2025**

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											
2	General Surgery	MEH402/SS	3	15 (6s)	9	E											
3	Urology	MEH403/SS	2	15 (3s)	6	E											
4	Endocrinology	MEH404/SS	2	2	3	E											
5	Pediatric surgery. Pediatric Orthopedics	MEH405/SS	1	15 (1s)	3	E											
6	Plastic, Esthetics and Reconstructive Microsurgery	MEH406/SS	1	15 (1s)	3	E											
7	Internal medicine (1)*	MEH407/SS					3	15 (11s)	10	E	42	165	56	10			
8	Emergency Medicine	MEH408/SS					1	15 (2s)	4	E	14	30	56	4			
9	Child care	MEH409/SS					1	15 (1s)	3	E	14	15	56	3			
10	Radiology and medical imaging	MEH410/DS					2	1	3	E	28	14	42	3			
11	Occupational medicine and professional diseases	MEH411/SS					1	1	2	V	14	14	28	2			
12	Oral-maxillo-facial Surgery	MEH412/SS					1	1	2	V	14	14	28	2			
13	Speciality Practice	MEH413/SS					-	-	2	V	-	160	-	2			
14	Medical abilities**	MEH414/SS					-	-	2	V	-	48	-	2			
15	Optional course***	OPT					1	-	2	V	14	-	42	2			
Grand Total		13 SS; 1 DS; 1 OPT	11	17	30	6E	10	18	30	4E; 5V	294	698					60
TOTAL HOURS/CREDITS/SEM/YEAR			28 hours/week - 30 ECTS/semester				28 hours/week - 30 ECTS/semester				992		714				

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

* Internal Medicine (1): Cardiology; Hematology

**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 – 5th year
2025 - 2026**

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	Internal medicine (2)*	MEH501/SS	3	15 (11s)	10	E					42	165	56	10
2	Rheumatology	MEH502/SS	1	15 (1s)	3	E					14	15	56	3
3	Rehabilitation, Physical Medicine and Balneology	MEH503/SS	1	15 (1s)	3	E					14	15	56	3
4	ENT	MEH504/SS	2	1	4	E					28	14	70	4
5	Dermatology	MEH505/SS	2	15 (1s)	4	E					28	15	70	4
6	Ophthalmology	MEH506/SS	2	1	4	E					28	14	70	4
7	Anesthesia-Intensive Care	MEH507/SS					2	15 (3s)	6	E	28	45	84	6
8	Neurology	MEH508/SS					2	15 (3s)	6	E	28	45	84	6
9	Pediatrics	MEH509/SS					3	15 (7s)	8	E	42	105	56	8
10	Pneumology	MEH510/SS					1	15 (1s)	2	E	14	15	28	2
11	Medical Oncology	MEH511/SS					1	1	2	E	14	14	28	2
12	Pediatric Psychiatry	MEH512/SS					1	1	2	E	14	14	28	2
13	Speciality Practice	MEH513/SS					-	-	2	V	-	160	-	2
14	Medical abilities**	MEH514/SS	-	-	2	V					-	48	-	2
15	Optional course***	OPT					1	-	2	V	14	-	42	2
Grand Total		14 SS; 1 OPT	11	17	30	6E;1V	11	17	30	6E; 2V	308	684	728	60
TOTAL HOURS/CREDITS/SEM/YEAR			28 hours/week - 30 ECTS/semester				28 hours/week - 30 ECTS/semester				992			
*** Discipline courses – 1 object/year														
1	Digestive Endoscopy	MEH 515/OPT												
2	Alergology	MEH 516/OPT												
3	Neurosurgery	MEH517/OPT												

Ratio theory/practical activity (Practical activities, Internship, Seminar, Practice): **308/684 : 1 / 2.22**; Ratio exams/verifications = **12E/3V**

* Internal Medicine (2): Gastroenterology, Nephrology, Diabetology and Nutritional Diseases

** Medical abilities – 12 h x 4 = 48 h

*** Compulsory, credited.

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CURRICULUM – 6th year 2026-2027

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	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**	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 = 5800 (5 632 hours, without Physical Education and Romanian Language – 168 hours)

Ratio theory/practical activity (without Physical Education and Romanian Language) 1820/3812 : 1/2,09

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GEORGE EMIL PALADE
UNIVERSITY OF MEDICINE,
PHARMACY, SCIENCE, AND
TECHNOLOGY OF TARGU MURES

UMCH | UNIVERSITY TARGU MURES
MEDICAL CAMPUS
HAMBURG

ELLECTIVE SUBJECTS

Medicine, English (Hamburg, Germany) – academic year 2022/2023

No.	Year of study	Subject	Code
1.	I	Fundamentals of Biology	MEH114
2.		Fundamentals of Chemistry	MEH115
3.		Fundamentals of Physics	MEH116
4.	II	Clinical Anatomy	MEH214
5.		History of Medicine	MEH215
6.	III	Historical impact of drug discoveries	MEH317
7.		Pharmacological implications – The autonomic nervous system	MEH318
8.		Legal responsibilities of the medical profession	MEH319
9.		Evidence-based practice and research	MEH320
10.	III + IV	Clinical ultrasound	MEH321/MEH415
11.		End-of-life-care and the art of symptom control	MEH322/MEH416
12.		Translational Biomedicine	MEH323/MEH421
13.	IV	Neurological examination	MEH417
14.		Osteo-ligamental trauma; diagnosis to treatment – from cast to artificial joint	MEH418
15.		Advances in heart failure	MEH419
16.		The management of cardiac arrhythmias	MEH420

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