

**CURRICULUM - 1<sup>st</sup> YEAR  
2019-2020**

<b>UNIVERSITY</b>	George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureş	<b>SPECIALISATION</b>	<b>MEDICINE ENGLISH</b>
<b>FACULTATY</b>	Faculty of Medicine in English	<b>TITLE</b>	PHYSICIAN
<b>FIELD OF STUDY</b>	Health	<b>DURATION</b>	6 YEARS
<b>LEVEL OF COVERAGE</b>	SECTORIAL	<b>ECTS</b>	360 (COMPULSORY + OPTIONAL) + 10 licence exam

No.	Educational activities Courses	Code	Type	Semester I (14 weeks)					Semester II (14 weeks)					Total per academic year		
				Course	PL/Sem/ Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/ Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/ /Pract	ECTS
1	Anatomy (1)	MER101	FC	2	6	98	8	E						28	84	8
2	Biochemistry (1)	MER102	FC	3	2	56	5	E						42	28	5
3	Biophysics	MER103	FC	2	2	70	5	E						28	28	5
4	Medical Informatics	MER104	CC	2	2	70	5	E						28	28	5
5	First aid. Medical communication skills.	MER105	SC	1	1	98	5	V						14	14	5
6	Anatomy (2)	MER106	FC						2	6	98	8	E	28	84	8
7	Biochemistry (2)	MER107	FC						3	2	56	5	E	42	28	5
8	Physiology (1)	MER108	FC						2	3	56	5	E	28	42	5
9	Cell and Molecular Biology	MER109	FC						2	2	56	4	E	28	28	4
10	Medical deontology. Bioethics. Academic integrity	MER110	DC						2	0	28	2	V	28	0	2
11	Physical education (1)	MER111	CC	0	2				0	2	-	2	V	0	56	2
12	Romanian Language (1)	MER112	CC	0	2				0	2	-	2	V	0	56	2
13	Speciality Practice	MER113	SC								-	2	V	0	160	2
14	Practical abilities*	MER114	SC								-	2	V	0	48	2
15	Optional Course**	MER115	OPT	1		42	2	V						14	0	2
<b>Grand Total</b>		<b>7FC;1DC;3SC;3CC; 1OPT</b>		<b>11</b>	<b>17</b>	434	<b>30</b>	<b>4E; 2V</b>	<b>11</b>	<b>17</b>	294	<b>30+2</b>	<b>4E; 5V</b>	<b>308</b>	<b>684</b>	<b>60+2</b>
<b>TOTAL HOURS/CREDITS/SEM/YEAR</b>				<b>28</b>					<b>28</b>					<b>992</b>		
**Optional courses – 1 object/year																
**Facultative courses – no credits																

**Ratio of theory/practical activity** (PL, Sem, Probe, Pract): 308/684 = 1/2.22

\*Practical abilities – 12 hours x 4=48 Hours per year

\*\* Annex 1

FC – Fundamental Course; DC - Domain Course; SC – Speciality Course; CC – Complementary Course; OPT – Optional Course

E – Examination; V - Verification; PL – Practical Laboratory; Sem – seminar; Pract – practice; ECTS – Transferable Credit

**RECTOR**  
Prof. Leonard Azamfirei, MD, PhD

**VICERECTOR**  
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**DEAN**  
Assoc. prof. Simona Mureşan MD, PhD

**CHIEF SECRETARY OF FACULTY**  
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**CURRICULUM - 2<sup>nd</sup> YEAR  
2019-2020**

<b>UNIVERSITY</b>	George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureş	<b>SPECIALISATION</b>	<b>MEDICINE ENGLISH</b>
<b>FACULTATY</b>	Faculty of Medicine in English	<b>TITLE</b>	PHYSICIAN
<b>FIELD OF STUDY</b>	Health	<b>DURATION</b>	6 YEARS
<b>LEVEL OF COVERAGE</b>	SECTORIAL	<b>ECTS</b>	360 (COMPULSORY + OPTIONAL) + 10 licence exam

No.	Educational activities Courses	Code	Type	Semester I (14 weeks)					Semester II (14 weeks)					Total per academic year			
				Course	PL/Sem/ Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/ Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/ /Pract	ECTS	
1	Anatomy (3)	MER201	FC	2	4	126	8	E							28	56	8
2	Physiology (2)	MER202	FC	2	3	84	6	E							28	42	6
3	Bacteriology. Virology. Parasitology (1)	MER203	FC	2	2	70	5	E							28	28	5
4	Histology (1)	MER204	FC	2	2	70	5	E							28	28	5
5	Behavioural sciences. Medical psychology. Medical sociology.	MER205	CC	1	1	84	4	V							14	14	4
6	Biostatistics	MER206	CC						2	2	56	4	V		28	28	4
7	Physiology (3)	MER207	FC						2	3	84	6	E		28	42	6
8	Bacteriology. Virology. Parasitology (2)	MER208	FC						2	2	70	5	E		28	28	5
9	Histology (2)	MER209	FC						2	2	70	5	E		28	28	5
10	Genetics	MER210	FC						2	2	70	4	E		28	28	5
11	Physical education (2)	MER211	CC		2					2	-	2	V		0	56	2
12	Romanian Language (2)	MER212	CC		2					2	-	2	V		0	56	2
13	Speciality Practice	MER213	SC								-	2	V		0	160	2
14	Practical abilities*	MER214	SC								-	2	V		0	72	2
15	Optional Course**	MER215	OPT	1		42	2	V							14	0	2
<b>Grand Total</b>		<b>8FC;2SC;4CC;1OPT</b>		<b>10</b>	<b>16</b>		<b>30</b>	<b>4E; 2V</b>	<b>10</b>	<b>15</b>		<b>30+2</b>	<b>4E; 5V</b>	<b>280</b>	<b>666</b>	<b>60+2</b>	
<b>TOTAL HOURS/CREDITS/SEM/YEAR</b>				<b>26</b>		476			<b>25</b>		350			<b>946</b>			
**Optional courses – 1 object/year																	
***Facultative courses – no credits																	

**Ratio of theory/practical activity** (PL, Sem, Probe, Pract): 280/666 = 1/2.37

\*Medical and surgical abilities– 12 hours x 6=72 Hours per year

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**CURRICULUM - 3<sup>th</sup> YEAR  
2019-2020**

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<b>FACULTATY</b>	Faculty of Medicine in English	<b>TITLE</b>	PHYSICIAN
<b>FIELD OF STUDY</b>	Health	<b>DURATION</b>	6 YEARS
<b>LEVEL OF COVERAGE</b>	SECTORIAL	<b>ECTS</b>	360 (COMPULSORY + OPTIONAL) + 10 licence exam

No.	Educational activities Courses	Code	Type	Semester I (14 weeks)					Semester II (14 weeks)					Total per academic year		
				Course	PL/Sem/Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/Pract	ECTS
1	Medical semiology (1)	MER301	DC	2	3	56	5	E						28	42	5
2	Surgical semiology (1)	MER302	DC	2	3	56	5	E						28	42	5
3	Pharmacology (1)	MER303	DC	2	2	56	4	E						28	28	4
4	Pathophysiology (1)	MER304	FC	2	2	56	4	E						28	28	4
5	Morphopathology (1)	MER305	FC	2	2	56	4	E						28	28	4
6	Clinical biochemistry	MER306	DC	1	1	56	3	V						14	14	3
7	Immunology	MER307	DC	1	1	56	3	V						14	14	3
8	Cranio-maxilo-facial surgery	MER308	SC						1	1	28	2	V	14	14	2
9	Surgical semiology (2)	MER309	DC						2	3	56	5	E	28	42	5
10	Medical semiology (2)	MER310	DC						2	3	56	5	E	28	42	5
11	Pharmacology (2)	MER311	DC						2	2	56	4	E	28	28	4
12	Pathophysiology (2)	MER312	FC						2	2	56	4	E	28	28	4
13	Morphopathology (2)	MER313	FC						2	2	56	4	E	28	28	4
14	Hygiene	MER314	DC						2	1	14	2	V	28	14	2
15	Speciality Practice	MER315	SC								-	2	V	0	160	2
16	Practical abilities*	MER316	SC								-	2	V	0	48	2
17	Optional Course**	MER317	OPT	1		42	2	V						14	0	2
<b>Grand Total</b>		<b>4FC;9DC;3SC;1OPT</b>		<b>13</b>	<b>14</b>	<b>434</b>	<b>30</b>	<b>5E; 3V</b>	<b>13</b>	<b>14</b>	<b>322</b>	<b>30</b>	<b>5E; 4V</b>	<b>364</b>	<b>600</b>	<b>60</b>
<b>TOTAL HOURS/CREDITS/SEM/YEAR</b>				<b>27</b>					<b>27</b>					<b>964</b>		

\*\*Optional courses – 1 object/year

\*\*Facultative courses – no credits

**Ratio of theory/practical activity** (PL, Sem, Probe, Pract): 364/600: 1/1.64

\* Practical abilities – 12 hours x 4=48 Hours per year

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**CURRICULUM - 4<sup>th</sup> YEAR  
2019-2020**

<b>UNIVERSITY</b>	George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureş	<b>SPECIALISATION</b>	<b>MEDICINE ENGLISH</b>
<b>FACULTATY</b>	Faculty of Medicine in English	<b>TITLE</b>	PHYSICIAN
<b>FIELD OF STUDY</b>	Health	<b>DURATION</b>	6 YEARS
<b>LEVEL OF COVERAGE</b>	SECTORIAL	<b>ECTS</b>	360 (COMPULSORY + OPTIONAL) + 10 licence exam

No.	Educational activities Courses	Code	Type	Semester I (14 weeks)					Semester II (14 weeks)					Total per academic year			
				Course	PL/Sem/ Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/ Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/ /Pract	ECTS	
1	General surgery	MER401	SC	3	15 (6s)	70	8	E							42	90	8
2	Orthopaedics and traumatology	MER402	SC	3	15 (3s)	70	6	E							42	45	6
3	Urology	MER403	SC	2	15 (3s)	56	5	E							28	45	5
4	Radiology	MER404	DC	2	2	56	4	E							28	28	4
5	Paediatric surgery and orthopaedics	MER405	SC	1	15 (2s)	42	3	E							14	30	3
6	Plastic surgery and reconstructive microsurgery	MER406	SC	1	1	28	2	V							14	14	2
7	Internal medicine <sup>1</sup> (1)	MER407	SC						4	15 (10s)	56	10	E	56	150	10	
8	Endocrinology	MER408	SC						2	2	56	4	E	28	28	4	
9	Emergency medicine	MER409	SC						1	15 (2s)	56	4	E	14	30	4	
10	Child care	MER410	SC						1	15 (2s)	42	3	E	14	30	3	
11	Scientific research methodology	MER411	CC						2	2	28	3	V	28	28	3	
12	Occupational medicine and professional diseases	MER412	SC						1	1	28	2	V	14	14	2	
13	Speciality Practice	MER413	SC								-	2	V	0	160	2	
14	Practical abilities*	MER414	SC								-	2	V	0	48	2	
15	Optional Course**	MER415	OPT	1		42	2	V						14	0	2	
<b>Grand Total</b>		<b>12SC;1DC; 1SC; 1OPT</b>		<b>13</b>	<b>18</b>	364	<b>30</b>	<b>5E; 2V</b>	<b>11</b>	<b>20</b>	266	<b>30</b>	<b>4E; 4V</b>	<b>336</b>	<b>740</b>	<b>60</b>	
<b>TOTAL HOURS/CREDITS/SEM/YEAR</b>				<b>31</b>					<b>31</b>					<b>1076</b>			
**Optional courses – 1 object/year																	
**Facultative courses – no credits																	

**Ratio of theory/practical activity** (PL, Sem, Probe, Pract): 336/740 = 1/2.20

<sup>1</sup>Internal Medicine (1) includes the following: Cardiology – two hours course per week and six weeks clinical work, Haematology - one hour course per week and two weeks clinical work, Diabetes and Nutrition diseases - one hour course per week and two weeks clinical work

\* Practical abilities– 12 hours x 4=48 Hours per year

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**CURRICULUM - 5<sup>th</sup> YEAR  
2019-2020**

<b>UNIVERSITY</b>	George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureş	<b>SPECIALISATION</b>	<b>MEDICINE ENGLISH</b>
<b>FACULTY</b>	Faculty of Medicine in English	<b>TITLE</b>	PHYSICIAN
<b>FIELD OF STUDY</b>	Health	<b>DURATION</b>	6 YEARS
<b>LEVEL OF COVERAGE</b>	SECTORIAL	<b>ECTS</b>	360 (COMPULSORY + OPTIONAL) + 10 licence exam

No.	Educational activities Courses	Code	Type	Semester I (14 weeks)					Semester II (14 weeks)					Total per academic year			
				Course	PL/Sem/Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/Pract	ECTS	
1	Internal medicine <sup>1</sup> (2)	MER501	SC	3	15 (8s)	140	10	E							42	120	12
2	Pneumology	MER502	SC	2	15(2s)	42	4	E							28	30	4
3	Ophtalmology	MER503	SC	2	2	56	4	E							28	28	4
4	ENT	MER504	SC	2	2	56	4	E							28	28	4
5	Reumatology	MER505	SC	1	15 (2s)	42	3	V							14	30	3
6	Recuperation, physical medicine and balneology	MER506	SC	1	15(2s)	42	3	V							14	30	3
7	Paediatrics	MER507	SC						3	15 (7s)	56	8	E		42	105	8
8	Anesthesiology. Intensive care	MER508	SC						2	15 (3s)	56	5	E		28	45	5
9	Dermatology	MER509	SC						2	2	56	4	E		28	28	4
10	Neurology	MER510	SC						2	15 (2s)	42	4	E		28	30	4
11	Neurosurgery	MER511	SC						1	15 (2s)	42	3	V		14	30	3
12	Oncology	MER512	SC						1	2	14	2	V		14	28	2
13	Speciality Practice	MER513	SC									2	V		0	160	2
14	Practical abilities*	MER514	SC									2	V		0	48	2
15	Optional Course**	MER515	OPT	1		42	2	V							14	0	2
<b>Grand Total</b>		<b>14SC;1OPT</b>		<b>12</b>	<b>19</b>	<b>420</b>	<b>30</b>	<b>4E; 3V</b>	<b>11</b>	<b>19</b>	<b>266</b>	<b>30</b>	<b>4E; 4V</b>	<b>322</b>	<b>740</b>	<b>60</b>	
<b>TOTAL HOURS/CREDITS/SEM/YEAR</b>				<b>31</b>				<b>30</b>				<b>1062</b>					
**Optional courses – 1 object/year																	
**Facultative courses – no credits																	

**Ratio of theory/practical activity** (PL, Sem, Probe, Pract): 322/740 = 1/2.29

<sup>1</sup>Internal Medicine (2) includes the following: Gastro-Enterology - two hours course per week and six weeks clinical work and Nefrology -one hour course per week and two weeks clinical work

\* Practical abilities– 12 hours x 4=48 Hours per year

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**CURRICULUM - 6<sup>th</sup> YEAR  
2019-2020**

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<b>FACULTY</b>	Faculty of Medicine in English	<b>TITLE</b>	PHYSICIAN
<b>FIELD OF STUDY</b>	Health	<b>DURATION</b>	6 YEARS
<b>LEVEL OF COVERAGE</b>	SECTORIAL	<b>ECTS</b>	360 (COMPULSORY + OPTIONAL) + 10 licence exam

No.	Educational activities Courses	Code	Type	Semester I (14 weeks)					Semester II (14 weeks)					Total per academic year		
				Course	PL/Sem/ Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/ Pract	Individual study	ECTS	Type of assessment	Course	PL/Sem/ /Pract	ECTS
1	Infectious diseases	MER601	SC	3	15 (7s)	56	10	E						42	105	10
2	Family medicine	MER602	SC	2	15 (5s)	56	6	E						28	75	6
3	Neonatology	MER603	SC	1	15 (2s)	84	5	E						14	30	5
4	Public health and health management	MER604	DC	2	2	56	4	V						28	28	4
5	Palliative care	MER605	SC	1	1	56	3	V						14	14	3
6	Obstetrics-Gynecology	MER606	SC						4	15 (10s)	56	10	E	56	150	10
7	Psychiatry <sup>1</sup>	MER607	SC						2	15 (4s)	98	7	E	28	60	7
8	Forensic medicine	MER608	SC						2	2	70	5	E	28	28	5
9	Epidemiology	MER609	DC						1	1	84	4	V	14	14	4
10	Primary care	MER610	DC						1	1	84	4	V	14	14	4
11	Preparation of graduation thesis	MER611	SC								-			0	160	0
12	Optional Course*	MER612	OPT	1		42	2	V						14	0	2
<b>Grand Total</b>		<b>3DC;8SC; 1OPT</b>		<b>10</b>	<b>18</b>	350	<b>30</b>	<b>3E; 3V</b>	<b>10</b>	<b>19</b>	392	<b>30</b>	<b>3E; 2V</b>	<b>280</b>	<b>678</b>	<b>60</b>
<b>TOTAL HOURS/CREDITS/SEM/YEAR</b>				<b>28</b>					<b>29</b>					<b>958</b>		
**Optional courses – 1 object/year																
**Facultative courses – no credits																

**Ratio of theory/practical activity** (PL, Sem, Probe, Pract): 280/678 = 1/2.42

**Total of 6 years: 5998 hours (5774 hours, without physical education and romanian language - 224 hours)**

**Ratio of theory/practical activity for six years (without physical education and romanian language): 1890/4108:1/2,17**

<sup>1</sup>Practicals from Psychiatry includes: two weeks of Practical work at the Psychiatry clinic and one week at the Paediatrics Psychiatry clinic

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