CURRICULUM - 1st YEAR
2014-2015

UNIVERSITY	**University of Medicine and Pharmacy Tîrgu Mureş**	**SPECIALISATION**	**MEDICINE ENGLISH**
FACULTATY	Faculty of Medicine	**TITLE**	PHYSICIAN
FIELD OF STUDY	Health	**DURATION**	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	**ECTS**	360 (COMPULSORY + OPTIONAL)

NO.	Educational activities Courses	Code	Type	**Semester I** (14 weeks)				**Semester II** (14 weeks)				**Total per academic year**		
				Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/ Pract	ECTS
1	Biophysics and medical physic	MDE101	FS	2	2	4	E					28	28	4
2	Biochemistry	MDE102	FS	2	2	6	E					28	28	6
3	Anatomy-embriology (1)	MDE103	FS	2	6	8	E					28	84	8
4	First aid measures	MDE104	SC	1	1	3	V					14	14	3
5	Medical Informatics	MDE105	CS	2	3	5	V					28	42	5
6	Anatomy-embriology (2)	MDE106	FS					2	6	8	E	28	84	8
7	Physiology (1)	MDE107	FS					2	3	5	E	28	42	5
8	Clinical Biochemistry	MDE108	FS					2	2	4	E	28	28	4
9	Cellular and Molecular Biology	MDE109	FS					2	3	5	E	28	42	5
10	Bioetics and medical deontology	MED110	CS					2		2	V	28	0	2
11	Physical education (1)	MDE111	CS		2				2	2	V	0	56	2
12	Romanian Language (1)	MDE112	CS		2				2	2	V	0	56	2
13	Medical Practice	MDE113	SC							2	V	0	120	2
14	Medical and surgical abilities*	MDE114	SC			2					V	0	48	2
15	Optional Course**	MDE115	OPT	1		2	V					14	0	2
Grand Total		**7FS;3SC;4CS;1OPT**		**10**	**18**	**30**	**3E; 3V**	**10**	**18**	**30**	**4E; 5V**	**280**	**672**	**60**
TOTAL HOURS/CREDITS/SEM/YEAR				**28**				**28**				**952**		

****Optional courses – 1 object/year**

*****Facultative courses – no credits**

Ratio of theory/practical activity (PL, Sem, Probe, Pract): 280/672: 1/2.4

*Medical and surgical abilities– 12 hours x 4=48 Hours per year
** Annex 1
***Annex 2

FS- Fundamental Subject; SC – Speciality Course; CS – Complementary Subject; OPT – Optional Course
E – Examination; T – Test; C – colloquium ; PL – Practical Laboratory; Sem – seminar; Prob – probation; Pract – practice; ECTS – Transferable Credit

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CURRICULUM - 2nd YEAR
2014-2015

UNIVERSITY	**University of Medicine and Pharmacy Tîrgu Mureş**	**SPECIALISATION**	**MEDICINE ENGLISH**
FACULTATY	Faculty of Medicine	**TITLE**	PHYSICIAN
FIELD OF STUDY	Health	**DURATION**	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	**ECTS**	360 (COMPULSORY + OPTIONAL)

NO.	Educational activities Courses	Code	Type	**Semester I** (14 weeks)				**Semester II** (14 weeks)				**Total per academic year**		
				Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/ Pract	ECTS
1	Anatomy-embriology (3)	MDE201	FS	2	4	6	E					28	56	6
2	Physiology (2)	MDE202	FS	2	3	6	E					28	42	6
3	Microbiology-Virology-Parasitology (1)	MDE203	FS	2	3	6	E					28	42	6
4	Histology (1)	MDE204	FS	2	2	5	E					28	28	5
5	Scientific research methodology	MDE205	CS	2	2	5	V					28	28	5
6	Physiology (3)	MDE206	FS					2	3	5	E	28	42	5
7	Microbiology-Virology-Parasitology (2)	MDE207	FS					2	3	5	E	28	42	5
8	Histology (2)	MDE208	FS					2	2	4	E	28	28	4
9	Genetics in medicine.	MDE209	FS					2	2	4	E	28	28	4
10	Medical biostatistics	MDE210	CS					1	2	2	V	14	28	2
11	Behavioural sciences. Psychology in medicine. Sociology in medicine	MDE211	CS					1	1	2	V	14	14	2
12	Physical education (2)	MDE212	CS		2				2	2	V	0	56	2
13	Romanian Language (2)	MDE213	CS		2				2	2	V	0	56	2
14	Medical Practice	MDE214	SC							2	V	0	120	2
15	Medical and surgical abilities*	MDE215	SC			2	V					0	48	2
16	Optional Course**	MDE2016	OPT					1		2	V	14	0	2
Grand Total		**8FS;2SC;5CS;1OPT**		**10**	**18**	**30**	**4E; 2V**	**11**	**17**	**30**	**4E; 6V**	**294**	**658**	**60**
TOTAL HOURS/CREDITS/SEM/YEAR				**28**				**28**				**952**		
***Optional courses – 1 object/year**														
****Facultativ courses – no credits**														

Ratio of theory/practical activity (PL, Sem, Probe, Pract): 294/658: 1/2.23

*Medical and surgical abilities– 12 hours x 4=48 Hours per year
** Annex 1
***Annex 2

FS- Fundamental Subject; SC – Speciality Course; CS – Complementary Subject; OPT – Optional Course
E – Examination; T – Test; C – colloquium , PL – Practical Laboratory; Sem – seminar; Prob – probation; Pract – practice; ECTS – Transferable Credit

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CURRICULUM - 3rd YEAR
2014-2015

UNIVERSITY	**University of Medicine and Pharmacy Tîrgu Mureş**	**SPECIALISATION**	**MEDICINE ENGLISH**
FACULTATY	Faculty of Medicine	**TITLE**	PHYSICIAN
FIELD OF STUDY	Health	**DURATION**	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	**ECTS**	360 (COMPULSORY + OPTIONAL)

NO.	Educational activities Courses	Code	Type	**Semester I** (14 weeks)				**Semester II** (14 weeks)				**Total per academic year**		
				Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/ Pract	ECTS
1	Farmacology and Clinical pharmacology	MDE301	FS	2	2	4	V	2	2	4	E	56	56	8
2	Physiopathology	MDE302	FS	2	2	4	V	2	2	4	E	56	56	8
3	Morphopathology	MDE303	FS	2	2	4	E	2	2	4	E	56	56	8
4	Clinical biochemistry laboratory, immunology	MDE304	SC	2	2	4	V					28	28	4
5	Surgical semiology (1)	MDE305	SC	2	3	6	E					28	42	6
6	Medical semiology (1)	MDE306	SC	2	3	6	E					28	42	6
7	Cranio-maxilo-facial surgery	MDE307	SC	1	1	2	V					14	14	2
8	Surgical semiology (2)	MDE308	SC					2	4	4	E	28	56	4
9	Medical semiology (2)	MDE309	SC					2	4	4	E	28	56	4
10	Hygiene and environmental health	MDE310	FS					2	1	4	V	28	14	4
11	Medical Practice	MDE311	SC							2	V	0	120	2
12	Medical and surgical abilities*	MDE312	SC							2	V	0	48	2
13	Optional Course**	MDE313	OPT					1		2	V	14	0	2
Grand Total		**4FS; 8SC; 1OPT**		**13**	**15**	**30**	**3E; 4V**	**13**	**15**	**30**	**5E; 4V**	**364**	**588**	**60**
TOTAL HOURS/CREDITS/SEM/YEAR				**28**				**28**				**952**		
****Optional courses – 1 object/year**														
*****Facultative courses – no credits**														

Ratio of theory/practical activity (PL, Sem, Probe, Pract): 364/588: 1/1,61

*Medical and surgical abilities– 12 hours x 4=48 Hours per year
** Annex 1
***Annex 2

FS- Fundamental Subject; SC – Speciality Course; CS – Complementary Subject; OPT – Optional Course; FAC – Facultative Course
E – Examination; T – Test; C – colloquium , PL – Practical Laboratory; Sem – seminar; Prob – probation; Pract – practice; ECTS – Transferable Credit

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CURRICULUM - 4th YEAR
2014-2015

UNIVERSITY	**University of Medicine and Pharmacy Tîrgu Mureş**	**SPECIALISATION**	**MEDICINE ENGLISH**
FACULTATY	Faculty of Medicine	**TITLE**	PHYSICIAN
FIELD OF STUDY	Health	**DURATION**	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	**ECTS**	360 (COMPULSORY + OPTIONAL)

NO.	Educational activities Courses	Code	Type	**Semester I** (14 weeks)				**Semester II** (14 weeks)				**Total per academic year**		
				Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/ uPract	ECTS
1	Orthopaedics and traumatology	MDE401	SC	3	20 (3s)	7	E					42	60	7
2	General surgery	MDE402	SC	4	20 (7s)	9	E					56	140	9
3	Plastic, aestethic and reconstructive surgery	MDE403	SC	1	20 (1s)	3	V					14	20	3
4	Urology	MDE404	SC	2	20 (3s)	5	E					28	60	5
5	Endocrinology	MDE405	SC	2	2	4	E					28	28	4
6	Paediatric surgery and orthopaedics	MDE406	SC					1	20 (1s)	4	V	14	20	4
7	Child care	MDE407	SC					1	1	3	V	14	14	3
8	Internal medicine* (1)	MDE408	SC					4	20 (13s)	12	E	56	260	12
9	Emergency care	MDE409	SC					1	2	3	E	14	28	3
10	Radiology and medical imaging	MDE410	SC					2	2	4	E	28	28	4
11	Occupational medicine and professional diseases	MDE411	SC					1	1	2	V	14	14	2
12	Medical Practice	MDE412	SC							2	V	0	90	2
13	Optional Course**	MDE413	OPT	1		2	V					14	0	2
Grand Total		**12SC; 1OPT**		**13**	**22**	**30**	**4E; 2V**	**10**	**26**	**30**	**3E; 4V**	**322**	**762**	**60**
TOTAL HOURS/CREDITS/SEM/YEAR				**35**				**36**				**1084**		
****Optional courses – 1 object/year**														
*****Facultative courses – no credits**														

Ratio of theory/practical activity (PL, Sem, Probe, Pract): 322/762: 1/2,3

*Internal Medicine include the following: Cardiology, Respiratory diseases and Haematology
** Annex 1
***Annex 2

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RECTOR
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ROMÂNIA Ministerul Educației Naționale Universitatea de Medicină și Farmacie din Tîrgu Mureș RECTORAT

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CURRICULUM - 5th YEAR
2014-2015

UNIVERSITY	**University of Medicine and Pharmacy Tîrgu Mureş**	**SPECIALISATION**	**MEDICINE ENGLISH**
FACULTATY	Faculty of Medicine	**TITLE**	PHYSICIAN
FIELD OF STUDY	Health	**DURATION**	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	**ECTS**	360 (COMPULSORY + OPTIONAL)

NO.	Educational activities Courses	Code	Type	Semester I (14 weeks)				Semester II (14 weeks)				Total per academic year		
				Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/ Pract	ECTS
1	Internal medicine* (2)	MDE501	SC	4	20 (12s)	12	E					56	240	12
2	Reumatology	MDE502	SC	1	20 (1s)	3	E					14	20	3
3	Physiotherapy and physical recuperation	MDE503	SC	1	20 (1s)	3	V					14	20	3
4	Ophtalmology	MDE504	SC	2	2	4	E					28	28	4
5	ENT	MDE505	SC	2	2	4	E					28	28	4
6	Medical oncology	MDE506	SC	1	1	4	V					14	14	4
7	Anesthesia-intensive care	MDE507	SC					2	20 (3s)	6	E	28	60	6
8	Neurology	MDE508	SC					2	20 (3s)	6	E	28	60	6
9	Paediatrics	MDE509	SC					4	20 (8s)	7	E	56	160	7
10	Dermatology	MDE510	SC					2	1	3	E	28	14	3
11	Pneumology and tuberculosis	MDE511	SC					1	1	2	V	14	14	2
12	Paediatric psychiatry	MDE512	SC					1	1	2	V	14	14	2
13	Medical Practice	MDE513	SC							2	V	0	90	2
14	Optional Course**	MDE514	OPT					1		2	V	14	0	2
Grand Total		**13SC; 1OPT**		**11**	**25**	**30**	**4E; 2V**	**13**	**23**	**30**	**4E; 4V**	**336**	**762**	**60**
TOTAL HOURS/CREDITS/SEM/YEAR				**36**				**36**				**1098**		
****Optional courses – 1 object/year**														
*****Facultative courses – no credits**														

Ratio of theory/practical activity (PL, Sem, Probe, Pract): 336/762: 1/2.26

*Internal Medicine include the following: Gastroenterology, Diabetes and Nefrology
** Annex 1
***Annex 2

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ROMÂNIA Universitatea de Medicină și Farmacie din Târgu Mureș Ministerul Educației Naționale RECTORAT 1

CURRICULUM - 6th YEAR
2014-2015

UNIVERSITY	**University of Medicine and Pharmacy Tîrgu Mureş**	**SPECIALISATION**	**MEDICINE ENGLISH**
FACULTATY	Faculty of Medicine	**TITLE**	PHYSICIAN
FIELD OF STUDY	Health	**DURATION**	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	**ECTS**	360 (COMPULSORY + OPTIONAL)

N0.	Educational activities Courses	Code	Type	**Semester I** (14 weeks)				**Semester II** (14 weeks)				**Total per academic year**		
				Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/ Pract	ECTS	Type of assessment	Course	PL/Sem/Prob/Pract	ECTS
1	Infectious diseases	MDE601	SC					3	20 (7s)	10	E	42	140	10
2	Family medicine	MDE602	SC					2	20 (4s)	8	E	28	80	8
3	Psychiatry	MDE603	SC					2	20 (3s)	7	E	28	60	7
4	Legal medicine	MDE604	SC					2	2	5	E	28	28	5
5	Public health	MDE605	SC	1	1	3	V					14	14	3
6	Obstetrics-Gynecology	MDE606	SC	4	20 (12s)	13	E					56	240	13
7	Health management	MDE607	SC	1	1	3	V					14	14	3
8	Epidemiology and preventive medicine	MDE608	SC	2	20 (2s)	6	E					28	40	6
9	Primary care	MDE609	SC	1	1	3	V					14	14	3
10	Preparation of graduation thesis	MDE610	SC								V	0	60	0
11	Optional Course*	MDE611	OPT	1		2	V					14	0	2
Grand Total		**10SC; 1OPT**		**10**	**23**	**30**	**2E; 4V**	**9**	**22**	**30**	**4E; 1V**	**266**	**690**	**60**
TOTAL HOURS/CREDITS/SEM/YEAR				**33**				**31**				**956**		
***Optional courses – 1 object/year**														
****Facultative courses – no credits**														

Ratio of theory/practical activity (PL, Sem, Probe, Pract): 266/690: 1/2,59

Total of 6 years: 5994 hours
(without physical education and romanian language)

*Annex 1
**Annex 2

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OPTIONAL COURSES PROPOSED FOR THE FIRST THREE YEARS OF MEDICINE

No.	Title	Semester	Teaching Language		
			Romanian	Hungarian	English
1	Psihopedagogie medicală / Psychological and educational principles in medicine	I			
2	Istoria medicinii / History of medicine	I			
3	Principii de nutriție și dietetică / Principles of nutrition and diet	I			
4	Anatomie clinică / Cinical anatomy	II			
5	Comunicare medic-pacient / Physician-pacient communication	II			
6	Sănătatea mentală și psihoeducația / Mental health and psychiatric education	I			
7	Tabacologie / Tabacology	II			
8	Elemente de farmacovigilență / Principles of pharmacovigilence	II			
9	Responsabilitatea juridică a profesiei medicale / Legal responsibility for medical profession	II			
10	Radioprotectie / Protection from radiation	II			
11	Nanobiologie / Nanocell biology	I			
12	Computational biophysics	II			

OPTIONAL COURSES PROPOSED FOR THE LAST THREE YEARS OF MEDICINE

No.	Title	Semester	Teaching Language		
			Romanian	Hungarian	English
1	Endoscopie digestive / Digestive endoscopy	II			
2	Alergologie / Allergology	II			
3	Angiologie - medicină vasculară / Angiology	II			
4	Chirurgie ambulatorie / Surgery in ER	I			
5	Cardiologie intervențională / Interventional cardiology	II			
6	Neurochirurgie / Neurosurgery	II			
7	Antreprenoriat medical / Bussines management in medical services	I			
8	Îngrijiri paleative / Palliative care	II			
9	Medicina de transplant / Transplantation medicine	II			
10	Neonatologie / Neonatology	I			
11	Etica și non-discriminarea grupurilor vulnerabile în sistemul de sănătate / Ethics and non-discrimination for vulnerable groups in health services	II			
12	Patologie iatrogenă / Iatrogenic pathology	II			
13	Paediatric haematology and oncology	I			

Notă:

- ✓ From the list above is mandatory for the student has to choose and optional course per year;
- ✓ Every course has 14 hours of teaching and 2 ECTS credits;
- ✓ The student can attend more than one optional course per year, the additional courses will fill up the diploma suppliment with hours and credits.

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FACULTATIVE COURSES PROPOSED FOR ALL YEARS OF MEDICINE

No.	Title	Semester	Teaching Language		
			Romanian	Hungarian	English
1	Cardiologie integrata / Integrated cardiology	I			
2	Neurologie integral / Integrated neurology	I			
3	Pneumologie integrata / Integrated pneumology	I			
4	Oncohematologie / Cancer haematology	II			
5	Ecocardiografie / Echocardiography	II			
6	Endourologie / Endourology	I			
7	Urgențe cardiovasculare / Cardiovascular emergencies	II			
8	Chirurgie cardiovasculară / Cardiovascular surgery	II			
9	Medicină complementară și alternativa / Complementary and alternative medicine	II			
10	Chirurgie artroscopică / Arthroscopic surgery	II			
11	Farmacogenomică / Pharmacogenomics	I			
12	Homeopatie clinică / Clinical homeopathy	II			
13	Kinetoprofilaxie primară și wellness / Prophylactic physiotherapy and welness	I			
14	Limbaj medical cu scop academic / English for medical academic purposes	I			

Notă:

✓ From the list above the student can choose any facultative course, wich will be written down in the diploma suppliment without credits;

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