

**CURRICULUM – YEAR 1
2011-2012**

UNIVERSITY	THE UNIVERSITY OF MEDICINE AND PHARMACY OF TÎRGU MUREŞ	SPECIALIZATION	MEDICINE – ENGLISH
FACULTY	THE FACULTY OF MEDICINE	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	ECTS	360 (COMPULSORY + OPTIONAL)

No.	Educational activities Objects	Code	Type	Semester 1 (14 weeks)				Semester 2 (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 biotechnology	MDE101	FS	2	2	5	E					28	28	5
2.	Biochemistry (1)	MDE102	FS	2	3	6	E					28	42	6
3.	Anatomy-embryology (1)	MDE103	FS	2	6	8	E					28	84	8
4.	First aid measures	MDE104	SC	1	1	3	T					14	14	3
5.	Medical informatics	MDE105	CS	2	3	6	T					28	42	6
6.	Anatomy-embryology (2)	MDE106	FS					2	6	8	E	28	84	8
7.	Physiology (1)	MDE107	FS					2	3	5	E	28	42	5
8.	Biochemistry (2)	MDE108	FS					2	2	4	E	28	28	4
9.	Cellular and molecular biology	MDE109	FS					2	3	5	E	28	42	5
10.	Medical ethics	MDE110	CS					2		2	T	28	0	2
11.	Physical education (1)	MDE111	CS		2				2	2	T	0	56	2
12.	Romanian language (1)	MDE112	CS		2				2	2	T	0	56	2
13.	Medical practice	MDE113	SC							2	T	0	90	2
14.	Optional course*		OPT	1		2	T					14	0	2
GRAND TOTAL		7FS; 2SC; 4CS; 1OPT		10	19	30	3E; 2T	10	18	30	4E; 4T	280	608	60
TOTAL HOURS/ CREDITS/ SEM/ YEAR				29				28				888		
*Optional courses – 1 object/ year														
1.	Medical psychology	MDE114	OPT	1		2	T					14		2
2.	The history of medicine	MDE115	OPT	1		2	T					14		2

Ratio of theory/ practical activity (PL/ Sem/ Prob/ Pract): 280/ 608: 1/2.17

FS – fundamental subject; SC – speciality course; CS - complementary subject; OPT – optional course

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**CURRICULUM – YEAR 2
2011-2012**

UNIVERSITY	THE UNIVERSITY OF MEDICINE AND PHARMACY OF TÎRGU MUREŞ	SPECIALIZATION	MEDICINE – ENGLISH
FACULTY	THE FACULTY OF MEDICINE	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	ECTS	360 (COMPULSORY + OPTIONAL)

No.	Educational activities Objects	Code	Type	Semester 1 (14 weeks)				Semester 2 (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-embryology (3)	MDE201	FS	2	5	8	E					28	70	8
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	T					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	MDE209	FS					2	2	4	E	28	28	4
10.	Medical biostatistics	MDE210	CS					1	2	2	T	14	28	2
11.	Behavioural sciences	MDE211	CS					1	1	2	T	14	14	2
12.	Physical education (2)	MDE212	CS		2				2	2	T	0	56	2
13.	Romanian language (1)	MDE213	CS		2				2	2	T	0	56	2
14.	Medical practice	MDE214	SC							2	T	0	90	2
15.	Optional course*		OPT					1		2	T	14	0	2
GRAND TOTAL		8FS; 1SC; 5CS; 1OPT		10	19	30	4E; 1T	11	17	30	4E; 6T	294	594	60
TOTAL HOURS/ CREDITS/ SEM/ YEAR				29				28				888		
*Optional courses – 1 object/ year														
1.	Clinical anatomy	MDE215	OPT					1		2	T	14		2
2.	Patient-doctor communication	MDE216	OPT					1		2	T	14		2

Ratio of theory/ practical activity (PL/ Sem/ Prob/ Pract): 294/ 594: 2.02

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**CURRICULUM – YEAR 3
2011-2012**

UNIVERSITY	THE UNIVERSITY OF MEDICINE AND PHARMACY OF TÎRGU MUREŞ	SPECIALIZATION	MEDICINE – ENGLISH
FACULTY	THE FACULTY OF MEDICINE	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	ECTS	360 (COMPULSORY + OPTIONAL)

No.	Educational activities Objects	Code	Type	Semester 1 (14 weeks)				Semester 2 (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.	Pharmacology	MDE301	FS	2	2	4	T	2	2	4	E	56	56	8
2.	Physiopathology	MDE302	FS	2	2	4	T	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	T					28	28	4
5.	Surgical semiology (1)	MDE305	SC	2	4	6	E					28	56	6
6.	Medical semiology (1)	MDE306	SC	2	4	6	E					28	56	6
7.	Oro-maxillo-facial surgery	MDE307	SC	1	1	2	T					14	14	2
8.	Surgical semiology (2)	MDE308	SC					2	4	5	E	28	56	5
9.	Medical semiology (2)	MDE309	SC					2	4	5	E	28	56	5
10.	Hygiene	MDE310	FS					2	1	4	E	28	14	4
11.	Medical practice	MDE311	SC							2	T	0	90	2
12.	Optional course*		OPT					1		2	T	14	0	2
GRAND TOTAL		4FS; 7SC; 1OPT		13	17	30	3E; 4T	13	15	30	6E; 2T	364	538	60
TOTAL HOURS/ CREDITS/ SEM/ YEAR				30				28				902		
*Optional courses – 1 object/ year														
1.	Clinical pharmacology and pharmacovigilance	MDE312	OPT					1		2	T	14		2
2.	Radioprotection	MDE313	OPT					1		2	T	14		2

Ratio of theory/ practical activity (PL/ Sem/ Prob/ Pract): 364/ 538: 1/ 1.48

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**CURRICULUM – YEAR 4
2011-2012**

UNIVERSITY	THE UNIVERSITY OF MEDICINE AND PHARMACY OF TÎRGU MUREŞ	SPECIALIZATION	MEDICINE – ENGLISH
FACULTY	THE FACULTY OF MEDICINE	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	ECTS	360 (COMPULSORY + OPTIONAL)

No.	Educational activities Objects	Code	Type	Semester 1 (14 weeks)				Semester 2 (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.	Orthopaedics and traumatology	MDE401	SC	2	20 (2s)			2	20 (1s)	7	E	56	60	7
2.	General surgery	MDE402	SC	4	20 (7s)	12	E					56	140	12
3.	Urology	MDE403	SC	2	20 (3s)	5	E					28	60	4
4.	Endocrinology	MDE404	SC	2	2	4	E					28	28	4
5.	Paediatric surgery and orthopaedics	MDE405	SC	1	20 (2s)	4	T					14	40	3
6.	Childcare	MDE406	SC	1	1	3	T					14	14	2
7.	Internal medicine (1)	MDE407	SC					4	20 (13s)	12	E	56	260	14
8.	Emergency care	MDE408	SC					1	2	3	T	14	28	4
9.	Radiology and medical imaging	MDE409	SC					2	2	4	E	28	28	5
10.	Occupational medicine	MDE410	SC					1	1	2	T	14	14	2
11.	Medical practice	MDE411	SC							2	T		90	2
12.	Optional course*		OPT	1							T	14		2
GRAND TOTAL		11SC; 10PT		13	23	30	3E; 2T	10	25	30	3E; 4T	322	762	60
TOTAL HOURS/ CREDITS/ SEM/ YEAR				36				35				1084		
*Optional courses – 1 object/ year														
1.	Allergology	MDE412	OPT	1		2	T					14		2
2.	Endourology	MDE413	OPT	1		2	T					14		2
3.	Digestive endoscopy	MDE414	OPT	1		2	T					14		2
Facultative courses – no credits awarded														
1.	Onco-haematology	MDE415	FAC	1		0						14		0
2.	Echocardiography	MDE416	FAC	1		0						14		0
3.	Cardiovascular emergencies	MDE417	FAC	1		0						14		0
4.	Pediatric Semiology	MDE418	FAC					1		0		14		0
5.	Cardiovascular surgery	MDE419	FAC					1		0		14		0

Ratio of theory/ practical activity (PL/ Sem/ Prob/ Pract): 322/ 762: 1/ 2.36

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**CURRICULUM – YEAR 5
2010-2011**

UNIVERSITY	THE UNIVERSITY OF MEDICINE AND PHARMACY OF TÎRGU MUREŞ	SPECIALIZATION	MEDICINE – ENGLISH
FACULTY	THE FACULTY OF MEDICINE	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	ECTS	360 (COMPULSORY + OPTIONAL)

No.	Educational activities Objects	Code	Type	Semester 1 (14 weeks)				Semester 2 (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)	13	E					56	240	13
2.	Rheumatology, physical medicine and recovery	MDE502	SC	2	20 (2s)	4	E					28	40	4
3.	Ophthalmology	MDE503	SC	2	2	4	E					28	28	4
4.	ENT	MDE504	SC	2	2	4	E					28	28	4
5.	General oncology	MDE505	SC	1	1	2	T					14	14	2
6.	Anesthesia-intensive care	MDE506	SC					2	20 (3s)	5	E	28	60	5
7.	Neurology	MDE507	SC					2	20 (3s)	5	E	28	60	5
8.	Paediatrics	MDE508	SC					4	20 (8s)	12	E	56	160	12
9.	Dermatology	MDE509	SC					2	1	3	E	28	14	3
10.	Pneumology	MDE510	SC					1	1	2	T	14	14	2
11.	Paediatric psychiatry	MDE511	SC					1	1	2	T	14	14	2
12.	Medical practice	MDE512	SC							2	T		90	2
13.	Optional course*		OPT					1		2	T	14		2
GRAND TOTAL		12SC; 10PT		11	25	27	4E; 1T	13	23	33	4E; 4T	336	762	60
TOTAL HOURS/ CREDITS/ SEM/ YEAR				36				36				1098		
*Optional courses – 1 object/ year														
1.	Neurosurgery	MDE513	OPT	1		2						14		2
2.	Thoraco-pulmonary surgery	MDE514	OPT	1		2						14		2
3.	Plastic surgery	MDE515	OPT					1		2	T	14		2
4.	Interventional cardiology	MDE516	OPT					1		2	T	14		2
5.	Paediatric cardiology	MDE517	OPT					1		2	T	14		2
Facultative courses – no credits awarded														
1.	Arthroscopic surgery	MDE518	FAC	1		0						14		0
2.	Orthoptics	MDE519	FAC					1		0		14		0

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

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**CURRICULUM – YEAR 6
2010-2011**

UNIVERSITY	THE UNIVERSITY OF MEDICINE AND PHARMACY OF TÎRGU MUREȘ	SPECIALIZATION	MEDICINE – ENGLISH
FACULTY	THE FACULTY OF MEDICINE	TITLE	PHYSICIAN
FIELD OF STUDY	HEALTH	DURATION	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	ECTS	360 (COMPULSORY + OPTIONAL)

No.	Educational activities Objects	Code	Type	Semester 1 (14 weeks)				Semester 2 (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.	Obstetrics-gynaecology	MDE601	SC	2	20 (5s)			2	20 (7s)	16	E	56	240	16
2.	Infectious diseases	MDE602	SC	1	20 (4s)			2	20 (4s)	12	E	42	160	12
3.	Family medicine	MDE603	SC	2	20 (3s)	7	E					28	60	7
4.	Epidemiology and preventative medicine	MDE604	SC	2	20 (2s)	5	E					28	40	5
5.	Public health	MDE605	SC	1	1	2	T					14	14	2
6.	Health management	MDE606	SC	1	1	2	T					14	14	2
7.	Primary care	MDE607	SC					1	1	2	T	14	14	2
8.	Psychiatry	MDE608	SC					2	20 (3s)	8	E	28	60	8
9.	Legal medicine	MDE609	SC					2	2	4	T	28	28	4
10.	Preparation of graduation thesis												60	
11.	Optional course*		OPT	1		2	T					14		2
GRAND TOTAL		9SC; 1OPT		10	22	18	2E; 3T	9	23	42	3E; 2T	266	690	60
TOTAL HOURS/ CREDITS/ SEM/ YEAR				32				32				956		
*Optional courses – 1 object/ year														
1.	Legal responsibility of the medical profession	MDE610	OPT	1		2	T					14		2
2.	Iatrogenic pathology	MDE611	OPT	1		2	T					14		2
3.	Palliative care	MDE612	OPT					1		2	T	14		2
Facultative courses – no credits awarded														
1.	Clinical homeopathy	MDE613	FAC	1		0						14		0

Ratio of theory/ practical activity (PL/ Sem/ Prob/ Pract): 266/ 630: 1/ 2.36

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