

FIRST YEAR

First semester (Winter)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 0101	Human Anatomy 1	60	60		120	10
MFSE 0102	Cell Biology and Human Genetics	45	45		90	7
MFSE 0103	Medical Ethics and Sociology	15	15	5	35	2
MFSE 0104	First Aid	5	15		20	2
MFSE 0105	Introduction to Medicine and History of Medicine	10	10	10	30	2
MFSE 0106	Medical Physics and Biophysics	28	22		50	4
MFSE 0107	Bosnian Language 1	15	15		30	2
MFSE 0108-0110	Elective Course	10	10		20	1
	TOTAL	188	192	15	395	30

Elective courses:

MFSE 0108 **Anatomically -Anthropological significance of the skull**

MFSE 0109 Applied Anatomy of Pelvis

MFSE 0110 The Basics of Population Genetics in Medicine

Second semester (Summer)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 0201	Human Anatomy 2	45	55		100	10
MFSE 0202	Neuroanatomy	20	20		40	3
MFSE 0203	Medical Chemistry and Medical Biochemistry 1	54	46		100	8
MFSE 0204	Fundamentals of Clinical Practice/Skills	10	20		30	2
MFSE 0205	Introduction to Scientific Methods 1	15	15		30	2
MFSE 0206	Social Medicine and Organization of Health Care 1	20	20		40	2
MFSE 0207	Bosnian Language 2	15	15		30	2
MFSE 0208-0211	Elective Course	10	10		20	1
	TOTAL	189	201		390	30

Elective courses:

MFSE 0208 Anatomical Basis of Peripheral Nerve Lesions

MFSE 0209 Clinical Anatomy of the Internal Organs

MFSE 0210 Health Education

MFSE 0211 Selected Instrumental Methods Of Chemical Analysis In Medical Practice

SECOND YEAR

Third semester (Winter)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 0301	Human Physiology 1	39	45	16	100	10
MFSE 0302	Medical Biochemistry 2	47	33		80	7
MFSE 0303	Histology 1	39	31		70	6
MFSE 0304	Neurophysiology	18	30	12	60	4
MFSE 0305	Bosnian Language 3	15	15		30	2
MFSE 0306-0308	Elective Course	10	10		20	1
	TOTAL	168	164	28	360	30

Elective courses:

MFSE 0306 Despite all - We are Alkaline

MFSE 0307 Medical Citogenetics

MFSE 0308 Fundamenatals of Human Nutrition

Fourth semester (Summer)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 0401	Human Physiology 2	39	45	16	100	9
MFSE 0402	Histology 2 and Embryology	56	39		95	8
MFSE 0403	Immunology	20	18	12	50	4
MFSE 0404	Medical Informatics	15	15		30	2
MFSE 0405	Biostatistics	14	15	1	30	2
MFSE 0406	Hygiene	10	10	10	30	2
MFSE 0407	Bosnian Language 4	15	15		30	2
MFSE 0408- 0411	Elective Course 1	10	10		20	1
	TOTAL	179	167	39	385	30

Elective courses:

MFSE 0408 Integrative Systems of Human Body

MFSE 0409 Neuroendocrine Regulation of Bone Remodeling

MFSE 0410 Physiology of Sport and Exercise

MFSE 0411 Introduction to Practical Epidemiology

THIRD YEAR

Fifth semester (Winter)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 0501	Pathology 1	60	45	15	120	9
MFSE 0502	Patophysiology 1	30	15	30	75	5
MFSE 0503	Pharmacology and Toxicology 1	32	26	22	80	5
MFSE 0504	Medical Microbiology 1	30	30		60	4
MFSE 0505	Epidemiology	29	29	2	60	4
MFSE 0506	Molecular Medicine	12	18		30	2
MFSE 0507- 0510	Elective Course 1	10	10		20	1
	TOTAL	203	173	69	445	30

Elective courses:

MFSE 0507 Role of the Respiratory Chain

MFSE 0508 Doping and Anti-Doping

MFSE 0509 Diagnostic Procedures in Pathology

MFSE 0510 Food Safety and Health

Sixth semester (Summer)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 0601	Pathology 2	60	45	30	135	10
MFSE 0602	Patophysiology 2	30	15	30	75	5
MFSE 0603	Pharmacology and Toxicology 2	32	30	13	75	5
MFSE 0604	Medical Microbiology 2	30	30		60	4
MFSE 0605	Clinical Propedeutics	22	43		65	4
MFSE 0606	Physics of Medical Diagnostics	12	8		20	1
MFSE 0607- 0613	Elective Course 1	10	10		20	1
	TOTAL	196	181	73	450	30

INTERNSHIP (FAMILY MEDICINE)*	Total hours : 120
-------------------------------	--------------------------

*ECTS credits and Code will be assigned after completed Clinical Rotation: Family Medicine (VI study year)

Elective courses:

MFSE 0607 Clinical Pathology

MFSE 0608 Foodborne Disease

MFSE 0609 Microbiological Diagnostic Techniques

MFSE 0610 *Physics of Nuclear Medicine*

MFSE 0611 Psychoactive Substance Abuse

MFSE 0612 Sexually transmitted diseases

MFSE 0613 Ultrasound Diagnostic

FOURTH YEAR

Seventh semester (Winter)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 0701	Internal Medicine	200	200		400	27
MFSE 0702	Nuclear Medicine	15	15		30	2
MFSE 0703- 0711	Elective Course 1	10	10		20	1
	TOTAL	225	225		450	30

Elective courses:

MFSE 0703 Arrhythmology and Electrocardiography in Clinical Practice

MFSE 0704 Immune and Nephrological Aspects of Kidney Transplantation

MFSE 0705 Nuclear Endocrinology

MFSE 0706 Pain

MFSE 0707 Palliative Care

MFSE 0708 Pediatric Nuclear Medicine

MFSE 0709 PET/CT in Clinical Practice

MFSE 0710 Rheumatoid Arthritis

MFSE 0711 Tuberculosis

Eight semester (Summer)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 0801	Neurology	30	65	15	110	7
MFSE 0802	Psychiatry	45	45		90	7
MFSE 0803	Infectious Diseases	28	60	2	90	6
MFSE 0804	Radiology	35	35		70	4
MFSE 0805	Dermatovenerology	30	30		60	5
MFSE 0806- 0815	Elective Course 1	10	10		20	1
	TOTAL	178	245	17	440	30

INTERNSHIP (INTERNAL MEDICINE)	Total hours : 120
--------------------------------	--------------------------

*ECTS credits and Code will be assigned after completed Clinical Rotation: Internal Medicine (VI study year)

Elective courses:

- MFSE 0806 Chronic Kidney Disease
- MFSE 0807 Clinical Neurophysiology
- MFSE 0808 Basis of Clinical Nutrition
- MFSE 0809 Endocrine Aspects of Aging
- MFSE 0810 Genetics in Psychiatry
- MFSE 0811 Metabolic syndrome and Type 2 Diabetes
- MFSE 0812 Neurosonology
- MFSE 0813 Prevention of Cardiovascular Diseases
- MFSE 0814 Clinical Microbiology
- MFSE 0815 Rehabilitation of Patients after Stroke

FIFTH YEAR

Ninth semester (Winter)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 0901	Surgery	130	240		370	25
MFSE 0902	Otorinolaringology and Maxillofacial Surgery	20	40		60	4
MFSE 0903- 0911	Elective Course 1	10	10		20	1
	TOTAL	160	290		450	30

Elective courses:

MFSE 0903 Aging spine

MFSE 0904 Benign Prostatic Hyperplasia

MFSE 0905 Endovascular Surgery and Mechanic Circulatory Support

MFSE 0906 Hand Trauma

MFSE 0907 Management of Abdominal Hernias

MFSE 0908 Minimally Invasive Surgery and Surgery of Tomorrow

MFSE 0909 Psychosomatic Medicine and Consultation-Liaison Psychiatry

MFSE 0910 Rehabilitation of Patients with Spinal Cord Injuries

MFSE 0911 Screening and Epidemiology of Chronic Diseases

Tenth semester (Summer)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 1001	Pediatrics	100	100		200	14
MFSE 1002	Obstetrics and Gynecology	80	120		200	13
MFSE 1003	Oncology	10	20		30	2
MFSE 1004- 1011	Elective Course 1	10	10		20	1
	TOTAL	200	250		450	30

INTERNSHIP (SURGERY)	Total hours : 120*
----------------------	---------------------------

*ECTS credits and Code will be assigned after completed Clinical Rotation: Surgery (VI study year)

Elective courses:

MFSE 1004 Prostate Cancer

MFSE 1005 Spine Deformities

MFSE 1006 Sport Traumatology

MFSE 1007 Fractures and dislocations of the wrist

MFSE 1008 Rational Laboratory Diagnostics in Clinical Biochemistry

MFSE 1009 Rehabilitation of Patients with Osteoporosis

MFSE 1010 Pediatric Ophthalmology

MFSE 1011 Bivariate and Multivariate Analysis

SIXTH YEAR

Eleventh semester (Winter)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 1101	Family Medicine	45	75		120	10
MFSE 1102	Ophtalmology	30	30		60	4
MFSE 1103	Forensic Medicine	20	30	10	60	3
MFSE 1104	Emergency Medicine	25	30		55	3
MFSE 1105	Physical and Rehabilitation Medicine	20	25		45	3
MFSE 1106	Occupational Health	10	10	10	30	2
MFSE 1107	Social Medicine and Organization of Health Care	15	15		30	2
MFSE 1108	Introduction to Scentific Methods 2	15	15		30	2
MFSE 1109-1116	Elective Course 1	10	10		20	1
	TOTAL	190	240	20	450	30

Elective courses:

MFSE 1109 Clinical Epidemiology

MFSE 1110 Clinical Trials in Practice

MFSE 1111 Emergencies in Cardiology

MFSE 1112 Emergencies in Ophthalmology

MFSE 1113 Forensic Medicine Examiation of Human Remains

MFSE 1114 Medical Expertise

MFSE 1115 Medically Complex Patient

MFSE 1116 Nuclear Oncology

Twelfth semester (Summer)						
Code	Course Title	L	P	S	TCH	ECTS
MFSE 1201	Clinical Biochemistry	10	20		30	2
MFSE 1202	Clinical Pharmacology	10		20	30	2
MFSE 1203	Clinical rotation: Family Medicine		90		90	5*
MFSE 1204	Clinical rotation:Internal Medicine		60		60	4*
MFSE 1205	Clinical rotation:Surgery		90		90	6*
MFSE 1206	Clinical rotation:Pediatrics		60		60	3
MFSE 1207	Clinical rotation:Obstretics and Gynecology		60		60	3
	TOTAL	30	400	20	450	25

Code			ECTS
MFSE 1208	DIPLOMA THESIS	Total hours : 120**	5

* ECTS credits present Internship total workload completed after III (Family Medicine) 2 ECTS , IV (Internal Medicine) 2 ECTS and V (Surgery) 2 ECTS year and Clinical rotations during VI year

**Diploma thesis writing, monitoring and evaluation are activities accomplished out of weekly total contact hours, limited by the Cantonal and University regulations.