Academic Year 2014/2015 MEDICINE AND SURGERY			
Course	**Unit**	**Credits**	**Semester**
Propaedeutic disciplines	*Medical physics*	4	**First (Fall)**
	Medical chemistry	3	**First (Fall)**
	Propaedeutic biochemistry	3	**First (Fall)**
Cell biology and histology	*Histology and embryology*	5	**First (Fall)**
	Cell biology	5	**First (Fall)**
Doctor, patient and society	*Doctor/patient relationship*	1	**Second (Spring)**
	Bioethics and history of medicine	3	**First (Fall)**
	Doctor and society	2	**First (Fall)**
	Public health fundamentals	1	**Second (Spring)**
	Biometrics fundamentals	2	**Second (Spring)**
ECDL		3	**First (Fall)**
Human anatomy	*Osteo-arthro-myology*	3	**Second (Spring)**
	Splancnology	5	**Second (Spring)**
Biochemistry, molecular biology and genetics	*Genetics*	3	**First (Fall)**
	Molecular biology	3	**Second (Spring)**
	General biochemistry	6	**Second (Spring)**
Computer skills	*Medical ICT*	3	**First (Fall)**
Traineeship		2	
Human biochemistry	*Human biochemistry*	6	**First (Fall)**
Human physiology	*Human physiology*	8	**First (Fall)**
Statistics and health organization	*Medical statistics*	2	**Second (Spring)**
	Management of health organizations	3	**Second (Spring)**
Morphological and functional basis of nervous system	*Neuroanatomy*	5	**Second (Spring)**
	Neurophysiology	6	**Second (Spring)**
Infection, phlogosis and immunity	*Microbiology*	4	**Second (Spring)**
	General pathology	4	**Second (Spring)**
	Immunology	4	**Second (Spring)**
Scientific English		3	**First (Fall)**
Optional courses		3	
Traineeship		9	

General pathology and physiopathology	*Cell pathology*	2	**First (Fall)**
	Physiopathology	6	**First (Fall)**
Epidemiologic methodology	*Epidemiologic methodology*	4	**First (Fall)**
Human nutrition	*Alimentary education*	1	**First (Fall)**
	Nutrition	6	**First (Fall)**
	Environmental and economic impact of foods	1	**First (Fall)**
Lab medicine	*Clinical molecular biology and biochemistry*	3	**Second (Spring)**
	Clinical pathology	1	**Second (Spring)**
	Lab techniques	2	**Second (Spring)**
	Clinical microbiology	2	**Second (Spring)**
	Image diagnostics	1	**Second (Spring)**
Physiopathology and medical methodology	*Physiopathology and medical methodology*	8	**Second (Spring)**
Physiopathology and surgical methodology	*Physiopathology and surgical methodology*	6	**Second (Spring)**
Optional courses		5	
Traineeship	*Clinical methodology*	3	**Second (Spring)**
	Lab medicine	2	**Second (Spring)**
	Statistics, epidemiology and health organization	2	**Second (Spring)**
	Image diagnostics	1	**Second (Spring)**
Pathologic anatomy	*Pathologic anatomy*	8	**First (Fall)**
Cardiovascular and respiratory diseases	*Internal medicine*	2	**Second (Spring)**
	Respiratory system diseases	3	**First (Fall)**
	Cardiology	3	**First (Fall)**
	Thoracic surgery	1	**Second (Spring)**
Medical toxicology and pharmacology I	*General pharmacology*	2	**Second (Spring)**
	Special pharmacology	4	**Second (Spring)**
Digestive and endocrine -metabolic diseases	*Gastroenterology*	3	**First (Fall)**
	Endocrinology	3	**First (Fall)**
	Metabolic disorders	1	**First (Fall)**
	Digestive apparatus surgery	1	**Second (Spring)**
Kidney and urinary tract diseases	*Nephrology*	3	**Second (Spring)**
	Urology	1	**Second (Spring)**
Neoplastic and hematologic diseases	*Medical oncology*	3	**Second (Spring)**

	Oncological surgery	1	**Second (Spring)**
	Radiotherapy	1	**Second (Spring)**
	Blood diseases	3	**Second (Spring)**
Integrate diagnostics I	*Clinical biochemistry and clinical molecular biology*	3	**Second (Spring)**
	Clinical pathology	2	**Second (Spring)**
	Clinical microbiology	1	**Second (Spring)**
Optional courses		1	
Traineeship	*Cardiovascular and respiratory diseases*		**Second (Spring)**
	Digestive and endocrine -metabolic diseases		**Second (Spring)**
	Neoplastic diseases		**Second (Spring)**
	Blood and infectious diseases		**Second (Spring)**
Locomotion apparatus diseases	*Rheumatology*	2	**Second (Spring)**
	Orthopedics	3	**Second (Spring)**
	Physical medicine and rehabilitation	1	**Second (Spring)**
Medical toxicology and pharmacology II	*Medical toxicology and pharmacology II*	5	**Second (Spring)**
Psychiatry	Psychiatry	3	**First (Fall)**
	Psychobiology and physiologic psychiatry	1	**Second (Spring)**
Image diagnostics	Image diagnostics techniques	4	**Second (Spring)**
	Radiotherapy in oncological patients	1	**Second (Spring)**
Public health and infectious diseases	*Hygiene*	4	**First (Fall)**
	Legal medicine and deontology	3	**First (Fall)**
	Clinical risk management	1	**Second (Spring)**
	Infectious diseases	2	**First (Fall)**
	Tropical diseases and travelers diseases	1	**Second (Spring)**
	Labour medicine	1	**First (Fall)**
Head and neck diseases	*Odontostomatology*	2	**First (Fall)**
	Ophthalmology	3	**First (Fall)**
	Otorhinolaryngology	1	**First (Fall)**
	Audiology	1	**First (Fall)**
Skin diseases	*Skin diseases*	3	**Second (Spring)**
Neuro sciences	*Neurology*	5	**Second (Spring)**
	Neurosurgery	1	**Second (Spring)**
Traineeship	Pharmacology	1	**Second (Spring)**

	Psychiatry	1	**Second (Spring)**
	Neuro sciences	3	**Second (Spring)**
	Medicine and public health	2	**Second (Spring)**
	Head and neck diseases	3	**Second (Spring)**
	Locomotion apparatus diseases	1	**Second (Spring)**
	Skin diseases and plastic surgery	1	**Second (Spring)**
	Image diagnostics	1	**Second (Spring)**
Obstetrics and gynecology	*Obstetrics and gynecology*	5	**First (Fall)**
Internal medicine and geriatrics	*Internal and emergency medicine*	5	**First (Fall)**
	First aid	1	**Second (Spring)**
	Geriatrics	3	**First (Fall)**
	Autoimmune diseases	1	**First (Fall)**
General and emergency surgery	*General and emergency surgery*	7	**First (Fall)**
	Anesthesiology and reanimation	2	**First (Fall)**
General and special pediatrics	*Pediatrics*	5	**First (Fall)**
	Pediatric surgery	1	**First (Fall)**
	Genetic diseases	1	**First (Fall)**
Final essay		18	
Professional internship	*Medico/ surgical emergencies*	2	**Second (Spring)**
	Pediatrics	3	**Second (Spring)**
	Obstetrics and gynecology	3	**Second (Spring)**
	Internal medicine	3	**Second (Spring)**
	General surgery	3	**Second (Spring)**
	Family medicine	2	**Second (Spring)**