



Master's Degree Program in "MEDICINE AND SURGERY"

**MEDICINE & SURGERY STUDY PLAN A.Y. 2020-21**

**First year**

Integrated Course	CFU	Subject	SSD	Type	CFU Lectures	SEM
Medical Physics, Statistics and Bioinformatics	10	- Medical Physics - Medical Statistics - Bioinformatics	FIS/07 MED/01 INF/01	A B B	5 2 3	I
The Living Matter	5 di 12	- Chemistry - Biochemistry	BIO/10 BIO/10	A -	5 -	I
Molecular and Cellular Biology	9	- Molecular Biology - Cellular Biology	BIO/11 BIO/13	A A	4 5	I
Genetics	6	- Molecular Genetics - Genetics	BIO/13 MED/03	A B	4 2	II
Histology and Embryology	8	- Histology - Embryology	BIO/17 BIO/17	A A B	4 3 1	II
The Living Matter	7 di 12	- Chemistry - Biochemistry	BIO/10 BIO/10	- A	- 7	II
Body Architecture	5	- Body Architecture	BIO/16	A	5	II
Early Clinical Contact and Communication Skills (I)	1 di 7	- Early Clinical Contact - Communication Skills	MED/41 M-FIL/05	B -	1 -	II



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Second year

Integrated Course	CFU	Subject	SSD	Type	CFU Lectures	Type	CFU Training Activities	SEM
Human Anatomy	8	- Human Anatomy	BIO/16	A B	7 1			I
Physiology	7	- Physiology	BIO/09	A	7			I
Microbiology	5	- Microbiology	MED/07	B	5			I
Early Clinical Contact and Communication Skills (II)	6 di 7	- Early Clinical Contact - Communication Skills	MED/41 M-FIL/05	B C	3 2	F	1	I
Neuroanatomy	6	- Neuroanatomy	BIO/16	A B	5 1			II
Neurophysiology	5	- Neurophysiology	BIO/09	A	5			II
Mechanisms of Disease	12	- General Pathology - Physiopathology - Immunology	MED/04 MED/04 MED/04	B B B	4 4 4			II



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Third year

Integrated Course	CFU	Subject	SSD	Type	CFU Lectures	Type	CFU Training Activities	SEM
Clinical Semeiotics	18	- Medical Semeiotics	MED/09	B	4	F	3	I
				C	1	F	1	
		- Surgical Semeiotics	MED/18	B	4	F	2	
				C	1	F	2	
Head and Neck	11	- Odontostomatological Diseases	MED/28	B	1			I
		- Maxillo-Facial Surgery	MED/29	B	1	F	1	
		- Otorhinolaryngology	MED/31	B	2	F	1	
		- Audiology	MED/32	B	1			
		- Ophthalmology	MED/30	B	3	F	1	
Infectious Diseases, Skin and Sexually Transmitted Diseases & Plastic Surgery	5 out of 12	- Infectious Diseases	MED/17	B	4	F	1	I
Cardiovascular and Respiratory Diseases	14	- Cardiovascular Diseases	MED/11	B	3	F	1	II
		- Respiratory Diseases	MED/10	B	3	F	1	
		- Thoracic Surgery	MED/21	C	1	F	1	
		- Vascular Surgery	MED/22	C	1	F	1	
		- Cardiac Surgery	MED/23	B	1	F	1	
Clinical Laboratory Medicine	8	- Clinical Biochemistry	BIO/12	B	4			II
		- Clinical Pathology	MED/05	B	4			
Infectious Diseases, Skin and Sexually Transmitted Diseases & Plastic Surgery	7 out of 12	- Skin and Sexually Transmitted Diseases	MED/35	B	3	F	1	II
		- Plastic Surgery	MED/19	B	1	F	1	
				C	1			



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Fourth year

Integrated Course	CFU	Subject	SSD	Type	CFU Lectures	Type	CFU Training Activities	SEM
Endocrine, Metabolic and Rheumatological Diseases	11	- Endocrinology	MED/13	B	3	F	1	I
		- Metabolic Diseases	MED/09	B	2	F	1	
		- Rheumatology	MED/16	B	2	F	1	
				C	1			
Nephro-Urological Diseases	6	- Nephrology	MED/14	B	2	F	1	I
		- Urology	MED/24	B	2	F	1	
Pathology	11	- Pathology	MED/08	B	10	F	1	I
Hematology and Oncology	11	- Hematology	MED/15	B	4	F	1	II
		- Oncology	MED/06	B	4	F	1	
				C	1			
Imaging and Radiotherapy	9	- Imaging	MED/36	B	4	F	1	II
		- Nuclear Medicine	MED/36	B	1	F	1	
		- Radiotherapy	MED/36	B	1	F	1	
Gastroenterological Diseases	4	- Gastroenterology	MED/12	B	3	F	1	II
Hygiene and Global Public Health	8	- Hygiene and Global Public Health	MED/42	B	5			II
		- Occupational Medicine	MED/44	B	3			



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Fifth year

Integrated Course	CFU	Subject	SSD	Type	CFU Lectures	Type	CFU Training Activities	SEM
Neuroscience	12	- Neurology	MED/26	B	5	F	2	I
		- Neurosurgery	MED/27	B	2	F	1	
		- Neuroradiology	MED/37	B	1	F	1	
Obstetrics and Gynecology & Fetal Development Abnormalities	7	- Obstetrics and Gynecology	MED/40	B	4	F	2	I
		- Fetal Development Abnormalities	MED/03	C	1			
Pharmacology	10	- Pharmacology	BIO/14	B	10			I
Pediatric Science	11	- Pediatrics	MED/38	B	4	F	3	II
		- Pediatric Surgery	MED/20	B	1	F	1	
		- Child Neuropsychiatry	MED/39	B	1	F	1	
Psychiatry and Clinical Psychology	7	- Psychiatry	MED/25	B	5			II
		- Clinical Psychology	M-PSI/08	B	2			
Orthopedics and Traumatology & Physical and Rehabilitation Medicine	8	- Orthopedics and Traumatology	MED/33	B	4	F	1	II
		- Physical and Rehabilitation Medicine	MED/34	B	2	F	1	
Legal Medicine	5	- Legal Medicine	MED/43	B	4			II
		- Bioethics	MED/43	B	1			



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Sixth Year

Integrated Course	CFU	Subject	SSD	Type	CFU	SEM
Internal Medicine	8	Internal Medicine mod. A Internal Medicine mod. B	MED/09 -MEDS-05A	B C	7 1	I
General Surgery	9	General Surgery mod. A General Surgery mod. B	MED/18-MEDS-06/A	B C	8 1	I
Emergency and Intensive Care	6	Anesthesiology and Intensive Care Emergency Medicine Emergency Surgery	MED/41- MED-23/A MED/09-MEDS-05/A MED/18 -MEDS-06/A	B B B	2 2 2	II
Sixth Year Clinical Clerkship Internal Medicine I	3		MED/09 -MEDS-05/A	F	5	Y
Sixth Year Clinical Clerkship Internal Medicine II	2		MED/09 -MEDS-05/A	F	2	Y
Sixth Year Clinical Clerkship -General Surgery I	2		MED/18-MEDS-06/A	F	2	Y
Sixth Year Clinical Clerkship -General Surgery II	2		MED/18-MEDS-06/A	F	2	Y
Sixth Year Clinical Clerkship – Medical Specialties	2		NN	F	2	Y



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TPVES Practical Evaluation Traineeship (15 CFU) (5<sup>th</sup>-6<sup>th</sup> year)

AREA/DOMAIN	CFU	Subject	SSD	Type	CFU	Period
Clinical	5	- Internal Medicine	MED/09- MEDS-05/A	F	3	Y
		- Emergency Medicine	MED/09- MEDS-05/A	F	1	
		- Pediatrics	MED/38- MEDS-20/A	F	1	
Surgical	5	- General Surgery	MED/18 – MEDS-06/A	F	3	Y
		- Emergency Surgery	MED/18 – MEDS-06/A	F	1	
		- Pediatric Surgery	MED/20 – MEDS-15/A	F	1	
General Practice	5	To be carried out at the General Practitioners' Clinic		F	5	Y

Sixth Year – Final exam

	CFU/ Credits	Learning activity	SSD	TAF/ Type	CFU/ Credits	Period
Final exam	18	Thesis preparation	Elective	E	17	Y
		Graduation exam			1	

**Legenda:**

A: lectures of basic science subjects  
 B: lectures of characterizing subjects  
 C: lectures of complementary subjects  
 D: elective activities  
 E: final exam  
 F: training activities

Y= yearly  
 ECTS: European Credit Transfer and Accumulation system  
 1 ECTS lectures: 12 hours  
 1 ECTS training activities: 25 hours