



UNIVERSITA' DEGLI STUDI DI MESSINA
DIPARTIMENTO DI SCIENZE BIOMEDICHE, ODONTOIATRICHE E DELLE IMMAGINI MORFOLOGICHE E FUNZIONALI
Consiglio del Corso di Studio Magistrale a Ciclo Unico in
"Medicine and Surgery"

Study Plan

Cohort 2019/20

First Year - 1st Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Medical Physics, Statistics and Bioinformatics	10	- Medical Physics - Medical Statistics - Bioinformatics	FIS/07 MED/01 INF/01	A B B	5 2 3		Exam
The Living Matter	5 of 12	- Chemistry - Biochemistry	BIO/10 BIO/10	A -	5 -		
Molecular and Cellular Biology	9	- Molecular Biology - Cellular Biology	BIO/11 BIO/13	A A	4 5		Exam

First Year - 2nd Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Genetics	6	- Molecular Genetics - Genetics	BIO/13 MED/03	A B	4 2		Exam
Histology and Embryology	8	- Histology - Embryology	BIO/17 BIO/17	A A B	4 3 1		Exam
The Living Matter	7 of	- Chemistry	BIO/10	-	-		Exam

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	12	- Biochemistry	BIO/10	A	7		
Body Architecture	5	- Body Architecture	BIO/16	A	5		Exam
Early Clinical Contact and Communication Skills (I)	1 of 7	- Early Clinical Contact - Communication Skills	MED/41 M-FIL/05	B -	1 -		

Second Year - 1st Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Human Anatomy	8	- Human Anatomy	BIO/16	A B	7 1		Exam
Physiology	7	- Physiology	BIO/09	A	7		Exam
Microbiology	5	- Microbiology	MED/07	B	5		Exam
Early Clinical Contact and Communication Skills (II)	6 of 7	- Early Clinical Contact - Communication Skills	MED/41 M-FIL/05	B C	3 2	1	Exam 7 ECTS

Second Year – 2nd Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Neuroanatomy	6	- Neuroanatomy	BIO/16	A B	5 1		Exam
Neurophysiology	5	- Neurophysiology	BIO/09	A	5		Exam

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Mechanisms of Disease	12	- General Pathology	MED/04	B	4	Exam
		- Physiopathology	MED/04	B	4	
		- Immunology	MED/04	B	4	

Third Year - 1st Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Clinical Semeiotics	18	- Medical Semeiotics	MED/09	B	4	4	Exam
				C	1		
		- Surgical Semeiotics	MED/18	B	4	4	
				C	1		
Head and Neck	11	- Odontostomatological Diseases	MED/28	B	1		Exam
		- Maxillo-Facial Surgery	MED/29	B	1	1	
		- Otorhinolaryngology	MED/31	B	2	1	
		- Audiology	MED/32	B	1		
		- Ophthalmology	MED/30	B	3	1	
Infectious Diseases, Skin and Sexually Transmitted Diseases & Plastic Surgery	5 of 12	- Infectious Diseases	MED/17	B	4	1	
		- Skin and Sexually Transmitted Diseases	MED/35	-	-	-	
		- Plastic Surgery	MED/19	-	-	-	

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Third Year - 2nd Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Cardiovascular and Respiratory Diseases	14	- Cardiovascular Diseases	MED/11	B	3	1	Exam
		- Respiratory Diseases	MED/10	B	3	1	
		- Thoracic Surgery	MED/21	C	1	1	
		- Vascular Surgery	MED/22	C	1	1	
		- Cardiac Surgery	MED/23	B	1	1	
Clinical Laboratory Medicine	8	- Clinical Biochemistry	BIO/12	B	4		Exam
		- Clinical Pathology	MED/05	B	4		
Infectious Disease, Skin and Sexually Transmitted Diseases & Plastic Surgery	7 of 12	- Infectious Diseases	MED/17	-	-	-	Exam 12 ECTS
		- Skin and Sexually Transmitted Diseases	MED/35	B	3	1	
		- Plastic Surgery	MED/19	B	1	1	
				C	1		

Fourth Year - 1st Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Endocrine, Metabolic and Rheumatological Diseases	11	- Endocrinology	MED/13	B	3	1	Exam
		- Metabolic Diseases	MED/09	B	2	1	
		- Rheumatology	MED/16	B	2	1	

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				C	1		
Nephro-Urological Diseases	6	- Nephrology - Urology	MED/14 MED/24	B B	2 2	1 1	Exam
Pathology	11	- Pathology	MED/08	B	10	1	Exam

Fourth Year - 2nd Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Hematology and Oncology	11	- Hematology - Oncology	MED/15 MED/06	B	4	1	Exam
				B	4	1	
				C	1		
Imaging and Radiotherapy	9	- Imaging - Nuclear Medicine - Radiotherapy	MED/36 MED/36 MED/36	B	4	1	Exam
				B	1	1	
				B	1	1	
Gastroenterological Diseases	4	- Gastroenterology	MED/12	B	3	1	Exam
Hygiene and Global Public Health	8	- Hygiene and Global Public Health - Occupational Medicine	MED/42 MED/44	B	5		Exam
				B	3		

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Fifth Year - 1st Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Neuroscience	12	- Neurology	MED/26	B	5	2	Exam
		- Neurosurgery	MED/27	B	2	1	
		- Neuroradiology	MED/37	B	1	1	
Obstetrics and Gynecology & Fetal Development Abnormalities	7	- Obstetrics and Gynecology	MED/40	B	4	2	Exam
		- Fetal Development Abnormalities	MED/03	C	1		
Pharmacology	10	- Pharmacology	BIO/14	B	10		Exam

Fifth Year - 2nd Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Pediatric Science	13	- Pediatrics	MED/38	B	4	4	Exam
		- Pediatric Surgery	MED/20	B	1	2	
		- Child Neuropsychiatry	MED/39	B	1	1	
Psychiatry and Clinical Psychology	7	- Psychiatry	MED/25	B	5		Exam
		- Clinical Psychology	M-PSI/08	B	2		
Orthopedics and Traumatology & Physical and Rehabilitation Medicine	8	- Orthopedics and Traumatology	MED/33	B	4	1	Exam
		- Physical and Rehabilitation Medicine	MED/34	B	2	1	

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Legal Medicine	5	- Legal Medicine - Bioethics	MED/43 MED/43	B B	4 1		Exam
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Sixth Year - 1st Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Internal Medicine	17	- Internal Medicine	MED/09	B C	7 1	9	Exam
General Surgery	17	- General Surgery	MED/18	B C	8 1	8	Exam

Sixth Year – 2nd Semester

Integrated Course	ECTS	Subject	SDS	Learning activity	ECTS Lesson	ECTS Training Activity	Assessment
Emergency and Intensive Care	12	- Anesthesiology and Intensive Care - Emergency Medicine - Emergency Surgery	MED/41 MED/09 MED/18	B B B	2 2 2	2 2 2	Exam
Final Exam	18						

Professional activities carry out in General Practitioner offices: 3 ECTS.

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Elective Learning Activities: 8 ECTS.

Legend: A: Basic learning activity; B: Distinctive learning activity; C: Related or complementary learning activity.

ECTS: European Credit Transfer System.

SDS: Scientific Disciplinary Sector.

1 ECTS: 25 hours of student workload, including independent study.

1 ECTS Lesson: 12.5 hours, 1 ECTS practical course review and laboratory activity: 20 hours, 1 ECTS Training activity, Internship and Final exam: 25 hours.

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