



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"



UNIVERSITY OF MESSINA

SINGLE CYCLE DEGREE COURSE IN MEDICINE AND SURGERY (CLASS LM-41)

STUDY PLAN

Cohort 2021/22



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First Year - 1st Semester

Integrated Course	ECTS	Subject	SDS	LA	ECTS Lesson	LA	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 di 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	LA	ECTS Lesson	LA	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 di 12	- Chemistry - Biochemistry	BIO/10 BIO/10	- A	- 7			Exam
Body Architecture	5	- Body Architecture	BIO/16	A	5			Exam
Early Clinical Contact and Communication Skills (I)	1 di 7	- Early Clinical Contact - Communication Skills	MED/41 M-FIL/05	B -	1 -			



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Second Year - 1st Semester

Integrated Course	ECTS	Subject	SDS	LA	ECTS Lesson	LA	ECTS Training Activity	Assessment
Human Anatomy	8	- Human Anatomy	BIO/16	A B	7 1			Exam
Physiology	7	- Physiology	BIO/09	A A A	3 2 2			Exam
Microbiology	5	- Microbiology	MED/07	B	5			Exam
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	Exam 7 ECTS

Second Year – 2nd Semester

Integrated Course	ECTS	Subject	SDS	LA	ECTS Lesson	LA	ECTS Training Activity	Assessment
Neuroanatomy	6	- Neuroanatomy	BIO/16	A B	5 1			Exam
Neurophysiology	5	- Neurophysiology	BIO/09	A	5			Exam
Mechanisms of Disease	12	- General Pathology - Physiopathology - Immunology	MED/04 MED/04 MED/04	B B B	4 4 4			Exam



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Third Year - 1st Semester

Integrated Course	ECTS	Subject	SDS	LA	ECTS Lesson	LA	ECTS Training Activity	Assessment
Clinical Semeiotics	18	- Medical Semeiotics	MED/09	B C	4 1	F	4	Exam
		- Surgical Semeiotics	MED/18	B C	4 1	F	4	
Head and Neck	11	- Odontostomatological Diseases	MED/28	B	1			Exam
		- 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 di 12	- Infectious Diseases	MED/17	B	4	F	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	LA	ECTS Lesson	LA	ECTS Training Activity	Assessment
Cardiovascular and Respiratory Diseases	14	- Cardiovascular Diseases	MED/11	B	3	F	1	Exam
		- 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			Exam
		- Clinical Pathology	MED/05	B	4			
Infectious Diseases, Skin and Sexually Transmitted Diseases & Plastic Surgery	7 di 12	- Infectious Diseases	MED/17	-	-		-	Exam 12 ECTS
		- Skin and Sexually Transmitted Diseases	MED/35	B	3	F	1	
		- Plastic Surgery	MED/19	B C	1 1	F	1	



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Fourth Year - 1st Semester

Integrated Course	ECTS	Subject	SDS	LA	ECTS Lesson	LA	ECTS Training Activity	Assessment
Endocrine, Metabolic and Rheumatological Diseases	11	- Endocrinology	MED/13	B	3	F	1	Exam
		- 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	Exam
		- Urology	MED/24	B	2	F	1	
Pathology	11	- Pathology	MED/08	B	10	F	1	Exam

Fourth Year - 2nd Semester

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



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Fifth Year - 1st Semester

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

Fifth Year - 2nd Semester

Integrated Course	ECTS	Subject	SDS	LA	ECTS Lesson	LA	ECTS Training Activity	Assessment
Pediatric Science	11	- Pediatrics - Pediatric Surgery - Child Neuropsychiatry	MED/38 MED/20 MED/39	B B B	4 1 1	F F F	3 1 1	Exam
Psychiatry and Clinical Psychology	7	- Psychiatry - Clinical Psychology	MED/25 M-PSI/08	B B	5 2			Exam
Orthopedics and Traumatology & Physical and Rehabilitation Medicine	8	- Orthopedics and Traumatology - Physical and Rehabilitation Medicine	MED/33 MED/34	B B	4 2	F F	1 1	Exam
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	LA	ECTS Lesson	LA	ECTS Training Activity	Assessment
Internal Medicine	13	- Internal Medicine	MED/09	B C	7 1	F	5	Exam
General Surgery	13	- General Surgery	MED/18	B C	8 1	F	4	Exam

Sixth Year – 2nd Semester

Integrated Course	ECTS	Subject	SDS	LA	ECTS Lesson	LA	ECTS Training Activity	Assessment
Emergency and Intensive Care	10	- Anesthesiology and Intensive Care - Emergency Medicine - Emergency Surgery	MED/41 MED/09 MED/18	B B B	2 2 2	F F F	2 1 1	Exam
Final Exam	18			E				

Practical-evaluation traineeship (LA F): 15 ECTS

AREA	ECTS	Training Activity	SDS	LA	ECTS
Medicine (5th and 6th Year)	5	- Internal Medicine - Emergency Medicine - Pediatrics	MED/09 MED/09 MED/38	F F F	3 1 1
Surgery (5th and 6th Year)	5	- General Surgery - Emergency Surgery - Pediatric Surgery	MED/18 MED/18 MED/20	F F F	3 1 1
General Medicine (6th Year)	5	- Studios of the General Practitioners		F	5



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Elective Learning Activities (LA D): 8 ECTS

Legend:

LA: Learning Activity

A: Basic learning activity;

B: Distinctive learning activity;

C: Related or complementary learning activity;

D: Electives;

E: Final exam;

F: Further learning activities.

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.