



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2021/2022		
MASTER'S DEGREE (MSC)	MEDICINE AND SURGERY		
INTEGRATED COURSE	INTERNAL MEDICINE - INTEGRATED COURSE		
CODE	05000		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/09		
HEAD PROFESSOR(S)	RIZZO MANFREDI	Professore Ordinario	Univ. di PALERMO
	BARBAGALLO MARIO	Professore Ordinario	Univ. di PALERMO
OTHER PROFESSOR(S)	CARROCCIO ANTONIO	Professore Ordinario	Univ. di PALERMO
	DOMINGUEZ RODRIGUEZ LIGIA JULIANA	Cultore della Materia	Univ. di PALERMO
	RIZZO MANFREDI	Professore Ordinario	Univ. di PALERMO
	BARBAGALLO MARIO	Professore Ordinario	Univ. di PALERMO
	VERONESE NICOLA	Professore Associato	Univ. di PALERMO
	TUTTOLOMONDO ANTONINO	Professore Ordinario	Univ. di PALERMO
	DI CHIARA TIZIANA	Ricercatore	Univ. di PALERMO
	NARDI EMILIO	Professore Associato	Univ. di PALERMO
CREDITS	12		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	6		
TERM (SEMESTER)	2° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	BARBAGALLO MARIO Tuesday 11:30 12:30 Direzione UOC Geriatria CARROCCIO ANTONIO Monday 17:30 19:30 Istituto di Medicina interna e Geriatria, I piano, corridoio "Direzione" DI CHIARA TIZIANA Tuesday 11:00 13:00 Divisione di Medicina Interna e Cardioangiologia Thursday 11:00 13:00 Divisione di Medicina Interna e Cardioangiologia DOMINGUEZ RODRIGUEZ LIGIA JULIANA Thursday 12:00 14:00 U.O.C. di Geriatria Policlinico Palermo NARDI EMILIO Wednesday 12:00 14:00 Laboratorio di Ecocardiografia presso Medicina Interna (Prof.Averna) RIZZO MANFREDI Monday 12:00 13:00 presso la mia stanza sita nel Dipartimento DIBIMIS, previo conferma telefonica al numero 091.6552945 TUTTOLOMONDO ANTONINO Friday 11:00 12:00 ex istituto di Clinica Medica, Piazza delle Cliniche n. 2, secondo piano(per informazioni rivolgersi al punto giallo in portineria)		

	VERONESE NICOLA Wednesday 12:00 14:00
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DOCENTE: Prof. MARIO BARBAGALLO- Sede *CHIRONE*, - Sede *IPPOCRATE*

PREREQUISITES	english version under construction
LEARNING OUTCOMES	english version under construction
ASSESSMENT METHODS	english version under construction
TEACHING METHODS	english version under construction

MODULE INTERNAL MEDICINE - MODULE I <i>Prof. ANTONINO TUTTOLOMONDO - Sede CHIRONE, - Sede CHIRONE</i>	
SUGGESTED BIBLIOGRAPHY	
-Goldmann-Cecil Medicina Interna ,ventiseiesima edizione Rugarli Medicina Interna Sistematica-Ottava edizione	
AMBIT	50421-Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica
INDIVIDUAL STUDY (Hrs)	75
COURSE ACTIVITY (Hrs)	50
EDUCATIONAL OBJECTIVES OF THE MODULE	
knowledge of the clinical findings and of pharmacologic therapy of the main diseases in the field of Internal Medicine	

SYLLABUS

Hrs	Frontal teaching
2	Unknown origin fever
2	Brucellosis, Typhus, rickettsiosis
2	acute joint rheumatism
2	Stille Disease
2	Macrophage activation syndrome (MAS)
2	Leishmaniosis
2	infective endocarditis
2	pericarditis and miocarditis
4	cardiovascular risk estimation in patients at high cardiometabolic risk
2	ischemic stroke : another disease in the field of the Internal Medicine
2	Emerging therapies for Congestive Heart Failure
2	Novel oral anticoagulants in Internal Medicine
2	antimicrobial therapy of Pneumonia
2	Infective mononucleosis

MODULE INTERNAL MEDICINE - MODULE I <i>Prof. ANTONIO CARROCCIO - Sede IPPOCRATE, - Sede IPPOCRATE</i>	
SUGGESTED BIBLIOGRAPHY	
Rugarli Harrison	
AMBIT	50421-Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica
INDIVIDUAL STUDY (Hrs)	75
COURSE ACTIVITY (Hrs)	50
EDUCATIONAL OBJECTIVES OF THE MODULE	
The objective is the recognition of the main clinical pictures of internal medicine and the discussion of clinical cases	

SYLLABUS

Hrs	Frontal teaching
50	Clinical cases in Gastroenterology Cases in Cardiology Cases in Rheumatology Cases in infectious diseases Cases in Pneumology

MODULE GERIATRICS

Prof. EMILIO NARDI - Sede CHIRONE, - Sede CHIRONE

SUGGESTED BIBLIOGRAPHY

- Senin U. Paziente Anziano e Paziente Geriatrico.
- Vergani C. Note pratiche di diagnosi e terapia per l'anziano.
- Harrison. Principi di Medicina Interna. Casa editrice ambrosiana.

AMBIT	50421-Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

The aim of the course is to train the student in such a way to acquire the ability to consider the following elements that characterize specific aspects of Geriatrics and Gerontology within the Internal Medicine discipline: the role of geriatric medicine in the practice of internal medicine; the geriatric approach methodology and its instruments; the risk of iatrogenic damage that limit therapeutic margin and requires continuous monitoring and frequent adjustments; the peculiarities' presentation of major diseases according to age.

SYLLABUS

Hrs	Frontal teaching
30	1. Demography; 2. The process of aging; 3. Fragility; 4. The aging of the main systems; 5. The elderly cardiovascular diseases; 6. Cognitive decline; 7. Nutrition; 8. Osteoporosis; 9. Falls and syncope; 10. Pharmacotherapy in the elderly; 11. End of Life; 12. The network of services.

MODULE INTERNAL MEDICINE - MODULE II

Prof. MARIO BARBAGALLO - Sede CHIRONE, - Sede CHIRONE, - Sede IPPOCRATE, - Sede IPPOCRATE

SUGGESTED BIBLIOGRAPHY

Claudio Rugarli. Manuale di Medicina Interna Sistematica. Masson Italia • Harrison. Principi di Medicina Interna. McGraw-Hill . • Principles of Geriatric Medicine. Hazzard WR et al, McGraw-Hill • Principles and Practice of Geriatric Medicine. Eds. MSJohn Pathy, Alan Sinclair, John E. Morley • Selezione di articoli della letteratura scientifica • Appunti dalle lezioni

AMBIT	50404-Medicina delle attività motorie e del benessere
INDIVIDUAL STUDY (Hrs)	60
COURSE ACTIVITY (Hrs)	40

EDUCATIONAL OBJECTIVES OF THE MODULE

english version under construction

SYLLABUS

Hrs	Frontal teaching
40	english version under construction

MODULE INTERNAL MEDICINE - MODULE I

Prof.ssa TIZIANA DI CHIARA - Sede HYPATIA, - Sede HYPATIA

SUGGESTED BIBLIOGRAPHY

Goldman-Cecil, Medicina Interna, editore Edra, Rugarli, Medicina Interna Sistematica, Editore Edra,

AMBIT	50421-Fisiopatologia, metodologia clinica, propedeutica clinica e sistematica medico-chirurgica
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INDIVIDUAL STUDY (Hrs)	75
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COURSE ACTIVITY (Hrs)	50
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EDUCATIONAL OBJECTIVES OF THE MODULE

Medicine is a broad branch of medicine that deals with diagnosing and treating very different pathologies and addressing them from the medical point of view, as opposed to more purely surgical. Internal Medicine teaching must allow students to learn and professional knowledge in the fields of medical physiopathology, functional and instrumental medical semeiotics, clinical methodology, knowledge-based medicine, general medical clinic and medical therapy with specific expertise in medical medicine. emergency and first aid. Educational objectives are the acquisition of a theoretical knowledge in the clinical and instrumental diagnosis of the most common internal pathologies, of the fundamental knowledge of physiopathology of the various organizations and systems, the theoretical and practical knowledge necessary for the recognition of diseases that affect the different systems of the organism, the theoretical and practical knowledge of the main fields of instrumental and laboratory diagnostics relating to the aforementioned diseases, the acquisition of the ability to evaluate internal and specialist connections and influences. He must therefore be able to recognize the symptoms and clinical-functional signs with which diseases of various organs and systems occur, having acquired the fundamental diagnostic, therapeutic, psychological and ethical knowledge necessary for a global vision of the patient.

SYLLABUS

Hrs	Frontal teaching
5	Arterial hypertension, definition, pathophysiological conditions, clinic, hypertensive emergencies, therapy
5	Cardiovascular risk estimation in patients at high cardiometabolic risk
5	Atherosclerosis, Acute Coronary Syndrome, chronic ischemic heart disease. Clinical, diagnostic and therapeutic process
3	Congestive heart failure, emerging therapies
3	Infective endocarditis, pericarditis, myocarditis
3	Atrial fibrillation, the new oral anticoagulants in Internal Medicine
3	Leukopenizing fevers, brucellosis, typhus, Rickettsiosis
3	Infective mononucleosis
3	Acute and chronic renal failure, etiopathogenesis, clinical therapy, chronic renal disease, staging
5	THYROID, ANATOMY, FUNCTIONS, MAIN PATHOLOGIES AND DYSFUNCTIONS
5	ACUTE AND CHRONIC RESPIRATORY INSUFFICIENCY, CHRONIC OSTRUCTIVE BRONCHOPNEUMOPATHY, BRONCHIAL ASTHMA
3	Anemias, classification, etiopathogenesis, therapy
4	Shock: definition, pathophysiology, septic shock, MOF (multi organ failure)