



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	Promozione della Salute, Materno-Infantile, di Medicina Interna e Specialistica di Eccellenza "G. D'Alessandro"		
<b>ACADEMIC YEAR</b>	2017/2018		
<b>BACHELOR'S DEGREE (BSC)</b>	NURSING		
<b>INTEGRATED COURSE</b>	INTERNAL MEDICINE AND GENERAL SURGERY - INTEGRATED COURSE		
<b>CODE</b>	05001		
<b>MODULES</b>	Yes		
<b>NUMBER OF MODULES</b>	3		
<b>SCIENTIFIC SECTOR(S)</b>	MED/09, MED/18, BIO/14		
<b>HEAD PROFESSOR(S)</b>	MONTALTO GIUSEPPE	Professore Ordinario	Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>	AGRUSA ANTONINO	Professore Ordinario	Univ. di PALERMO
	CRESCIMANNO MARILENA	Ricercatore	Univ. di PALERMO
	MONTALTO GIUSEPPE	Professore Ordinario	Univ. di PALERMO
<b>CREDITS</b>	9		
<b>PROPAEDEUTICAL SUBJECTS</b>			
<b>MUTUALIZATION</b>			
<b>YEAR</b>	2		
<b>TERM (SEMESTER)</b>	1° semester		
<b>ATTENDANCE</b>	Mandatory		
<b>EVALUATION</b>	Out of 30		
<b>TEACHER OFFICE HOURS</b>	<p><b>AGRUSA ANTONINO</b>  Monday 14:00 16:00 U.O.C. Chirurgia Generale e d'UrgenzaDipartimento di Discipline Chirurgiche, Oncologiche e Stomatologiche.  Wednesday 14:00 16:00 U.O.C. Chirurgia Generale e d'UrgenzaDipartimento di Discipline Chirurgiche, Oncologiche e Stomatologiche.</p> <p><b>CRESCIMANNO MARILENA</b>  Monday 11:00 13:00 Su appuntamentoSezione di Farmacologia Istituto di Neurologia Via La Loggia,1</p> <p><b>MONTALTO GIUSEPPE</b>  Monday 12:00 14:00 Lun, Merc, Ven ore 12,00 -14,00 presso Dpt di Medicina Interna (Policlinico), tel. 091 6552991; e-mail: giuseppe.montalto@unipa.it</p>		

DOCENTE: Prof. GIUSEPPE MONTALTO

<b>PREREQUISITES</b>	Basic knowledge of anatomy, physiology, biology, genetics, biochemistry.
<b>LEARNING OUTCOMES</b>	<p>Knowledge and understanding Acquisition of tools for the understanding of the pathogenesis and pathophysiology of the disease. Ability of using technical language of these disciplines. Knowledge of features of main internal and surgical diseases.</p> <p>Students will achieve the following objectives:</p> <p>Ability to apply knowledge and understanding</p> <p>Ability to recognize and apply the cognitive tools and the methodological approach of Internal and Surgical diseases for the scientific and rational practice of the profession. To demonstrate the ability to apply their knowledge and understanding to the main themes of medicine.</p> <p>Making judgments</p> <p>To be able to evaluate independently the results of studies developed with the aim to clarify pathogenesis and pathophysiology of diseases. To acquire enough medical knowledge to critically analyze data Communication skills</p> <p>Ability to explain easily and exhaustively the knowledge. Ability to communicate with colleagues, healthcare professionals, patients and their relatives.</p> <p>Ability of learning</p> <p>Ability to update scientific publications about these disciplines. Attendance to meeting, congress and seminars</p>
<b>ASSESSMENT METHODS</b>	Oral exam. The candidate will have to answer at least four questions posed orally, at least two for each of the three modules, covering the different parts of the program, with reference to the recommended texts. Final assessment aims to evaluate whether the student has knowledge and understanding of the topics, has acquired the skills to interpret the notions and judge independently. The evaluation is expressed using a 30-point scale.
<b>TEACHING METHODS</b>	Frontal lectures

<b>MODULE</b> <b>GENERAL SURGERY</b>  <i>Prof. ANTONINO AGRUSA</i>	
<b>SUGGESTED BIBLIOGRAPHY</b>	
R. Dionigi CHIRURGIA IV Edizione	
<b>AMBIT</b>	10311-Scienze medico - chirurgiche
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30
<b>EDUCATIONAL OBJECTIVES OF THE MODULE</b>	
Knowledge of the epidemiology, etio-pathogenesis, symptoms, prognosis and treatment of diseases which require a surgical intervention more frequently observed in clinical practice Define the role and responsibilities of the nurse in helping peri, intra and post -operatoria.	

## SYLLABUS

Hrs	Frontal teaching
4	Calculus of the gallbladder and its complicationso
4	Thyroid diseases
4	Digestive hemorrhage
4	Colon, Rectal and anus cancer
4	Breast Unit, Breast Cancer
4	Acute Abdominal
2	Pathology of the appendix
4	Vital parameters and postoperative care

## MODULE INTERNAL MEDICINE

*Prof. GIUSEPPE MONTALTO*

### SUGGESTED BIBLIOGRAPHY

Claudio Rugarli; Medicina Interna sistematica, Editrice Masson  
Harrison..." Principi di Medicina Interna" ultima edizione.. Editore : McGraw-Hill .  
Appunti dalle lezioni . Ricerche bibliografiche consigliate dal Docente

<b>AMBIT</b>	10313-Interdisciplinari e cliniche
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30

### EDUCATIONAL OBJECTIVES OF THE MODULE

Knowledge and understanding: The objective of the module is 'knowledge by the student of the taxonomy, epidemiology, etiopathogenesis, natural history, differential diagnosis, clinical phenomenology and the therapeutic management of the most frequent pathologies, acute and chronic character, of Internal Medicine. The student must acquire the diagnostic and prognostic clinical significance of some laboratoristic and instrumental investigations of specific performance in the management of some clinical internistic entities (EGA, Spirometry, diagnostic and therapeutic paracentesis, thoracentesis, coagulation tests, radiological diagnostics ...)

Capacity 'to apply knowledge and understanding: The student, at the end of the course, thanks to the acquisitions mentioned above, must be able to properly apply the information for a correct differential diagnosis between diseases with common signs and symptoms, indicate a conscious choice of the various diagnostic methods for diagnosis and apply the right treatment choices for proper patient management

Capacity 'to apply knowledge and understanding: The student, at the end of the course, thanks to the acquisitions mentioned above, must be able to properly apply the information for a diagnosis of major complications post-operator and management of the same

The verification will be 'done with an oral final exam

## SYLLABUS

Hrs	Frontal teaching
4	Respiratory apparatus - Dyspnea and cyanosis: clinical and pathophysiology - acute and chronic respiratory failure; - the pneumonia, bronchial asthma, chronic bronchitis and its sequelae.
4	Cardiovascular Apparatus pathophysiology of the heart; primary and secondary hypertension; chronic heart failure; pulmonary embolism
6	Digestive Apparatus - Esophageal, gastric and duodenum diseases. Malabsorption and inflammatory bowel disease, - Acute and Chronic hepatitis, liver cirrhosis and its complications: ascites, spontaneous bacterial peritonitis esophageal varices, hepatic encephalopathy.
4	Endocrine-metabolic apparatus - Diabetes mellitus and its complications, the thyroid diseases, ipercorticosurrenalmis; obesity 'and its complications, metabolic syndrome.
4	Hematology - Anemias, leukemias and lymphomas
4	Nephrology -The Glomerular-nephritis, acute and chronic renal failure, Urinary tract infections
2	Autoimmune pathology - Autoimmune concept; Systemic lupus erithematosus, rheumatoid arthritis.
2	Various - Drug induced liver injury, excessive and incorrect drug use.

## MODULE PHARMACOLOGY

*Prof.ssa MARILENA CRESCIMANNO*

### SUGGESTED BIBLIOGRAPHY

Michelle A. Clark, Richard Finkel, Jose A. Rey, Karen Whallen: Le Basi della Farmacologia. Eds. Zanichelli, Bologna

<b>AMBIT</b>	10305-Primo soccorso
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30

### EDUCATIONAL OBJECTIVES OF THE MODULE

The aim of the module is to provide students with the ability to use proficiently a language specific to the discipline. They have to demonstrate the knowledge of the basic concepts of pharmacokinetics and pharmacodynamics, required for a full understanding of both clinical use and the pharmacological profile of the drugs  
At the end of the course, students will be able to apply the acquired knowledge to their professional field with a focus on drug administration, adverse drug reaction and interaction in order to reach a correct patient management.

## SYLLABUS

Hrs	Frontal teaching
2	Introduction to Pharmacology. Pharmacokinetics: routes of administration and absorption.
2	Pharmacokinetics: distribution, metabolism and excretion
2	Pharmacokinetic: Pharmacokinetic Parameters. Clearance, half-life, Steady-state. Bioavailability and bioequivalence. Relationship between plasma levels and drug effects. Therapeutic Index.
2	Pharmacodynamics: receptor, drug-receptor interaction, effector systems. Definition of agonist, partial agonist, antagonist. Dose-response curves.
2	The variability in human drug response. New drug development: preclinical and clinical studies, phases of clinical trials, placebo effects.
2	Drugs acting on the autonomic nervous system: cholinergic agonists and antagonists. Drugs acting on the autonomic nervous system, adrenergic agonists and antagonists.
2	Drugs acting on the central nervous system: Hypnotics and Sedative; Antidepressant Drugs; Antiparkinsonian Drugs.
2	Non steroidal and steroidal Anti-inflammatory drugs. Opioid and Pain Management.
2	Anti-Hypertensive Agents
2	Cardiovascular Agents: Anti-Arrhythmic Drugs
2	Blood Coagulation and Anticoagulant, Fibrinolytic and Antiplatelet Drugs.
2	Pharmacotherapy of Gastric Acidity and Peptic Ulcers. Prokinetic Agents. Anti-Emetic Agents.
2	Hypoglycemic Agents
2	Chemotherapy of Microbial Diseases
2	Chemotherapy of Neoplastic Disease