



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2019/2020		
BACHELOR'S DEGREE (BSC)	AUDIOPROTHESIC TECHNIQUES		
INTEGRATED COURSE	INTERNAL MEDICINE, GENERAL SURGERY AND PHARMACOLOGY - INTEGRATED COURSE		
CODE	05002		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/18, BIO/14, MED/09		
HEAD PROFESSOR(S)	TUTTOLOMONDO ANTONINO	Professore Ordinario	Univ. di PALERMO
OTHER PROFESSOR(S)	TOMASELLO GIOVANNI	Professore Associato	Univ. di PALERMO
	PLESCIA FULVIO	Professore Associato	Univ. di PALERMO
	TUTTOLOMONDO ANTONINO	Professore Ordinario	Univ. di PALERMO
CREDITS	9		
PROPAEDEUTICAL SUBJECTS	10730 - PHYSICS AND BIOCHEMISTRY - INTEGRATED COURSE 20333 - MORPHO-FUNCTIONAL SUBJECTS - INTEGRATED COURSE		
MUTUALIZATION			
YEAR	2		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	PLESCIA FULVIO Monday 9:30 11:30 Policlinico Universitario, Padiglione 11d - Farmacologia TOMASELLO GIOVANNI Monday 10:00 13:00 PLESSO ANATOMIA UMANA NORMALE - AOUP P-GIACCONESI CONSIGLIA AGLI STUDENTI DI CONCORDARE TELEFONICAMENTE IL PROPRIO APPUNTAMENTO CHIAMANDO AL MIO NUMERO PERSONALE: 338 2607762 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)		

DOCENTE: Prof. ANTONINO TUTTOLOMONDO

PREREQUISITES	Knowledge of main diseases in the field of internal Medicine
LEARNING OUTCOMES	knowledge of the main elements of clinic, diagnostics and pharmacology of the main diseases of international interest knowledge of the main elements of clinic, diagnostics and pharmacology of the main diseases of international interest Ability to understand the main clinical elements of the pathologies in question Ability to apply knowledge and understanding to the process of recognition of the main symptoms of pathologies of international interest Autonomy of judgment; Communication skills; Capacity for learning and self-learning
ASSESSMENT METHODS	oral examination
TEACHING METHODS	frontal lessons

**MODULE
INTERNAL MEDICINE**

Prof. ANTONINO TUTTOLOMONDO

SUGGESTED BIBLIOGRAPHY

Raffaele Antonelli Incalzi, Medicina Interna Per scienze infermieristiche, Piccin editore
Materiale didattico fornito a lezione

AMBIT	10339-Primo soccorso
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INDIVIDUAL STUDY (Hrs)	45
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COURSE ACTIVITY (Hrs)	30
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EDUCATIONAL OBJECTIVES OF THE MODULE

knowledge of the clinic and diagnostics of the main diseases of international interest

SYLLABUS

Hrs	Frontal teaching
2	Atherosclerosis
2	Coronary Artery disease
2	Congestive heart failure
2	stroke
2	anemia
2	gastriti
2	Inflammatory bowel diseases (IBD)
2	duodenale and gastric ulcers
2	viral hepatitis and cirrhosis
2	renal failure
2	chest pain
2	abdominal pain
2	dispnoea
2	fever
2	pneumonia

MODULE PHARMACOLOGY

Prof. FULVIO PLESCIA

SUGGESTED BIBLIOGRAPHY

Farmacologia generale e speciale per le lauree sanitarie - Di Giulio - Gorio - Carelli - Cella – Scaglione - Seconda Edizione - PICCIN 2018

Katzung & Trevor's – Farmacologia – Quesiti a scelta multipla e compendio della materia. IV edizione italiana a cura di L. Brunetti – M. Taglialatela. PICCIN

AMBIT	10349-Scienze medico-chirurgiche
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

The goal of this course is to understand the composition, properties and actions of drugs. Furthermore, will be taking in to account the mechanisms of toxicity of the principal chemicals and natural compounds and their role in the genesis of different audiological pathology

SYLLABUS

Hrs	Frontal teaching
1	INTRODUCTION AND PRESENTATION TO THE COURSE
6	ABSORPTION, DISTRIBUTION, AND EXCRETION OF TOXICANTS. Absorption of toxicants by the gastrointestinal tract, lungs and skin. Volume of distribution. Storage of toxicants in tissue. Passage of toxicants across blood-brain barrier and placenta. Redistribution. Biotransformation of Xenobiotics. General principles. Xenobiotic biotransformation by phase I and II. Activation or inhibition of xenobiotics by cytochrome P450. Toxicokinetics
5	PHARMACODYNAMICS. Mechanisms of drug action. Receptors and drug-receptor interactions. Agonists and antagonists: partial and inverse agonists. Dose-response curves. Types of drug antagonism. Therapeutic index. Factors affecting drug response.
2	GENERAL PRINCIPLES OF TOXICOLOGY: mechanism of toxicity, risk assessment (NOAL, LOAL, ADI, TMDI)
2	ADVERSE REACTIONS. Adverse reactions between drugs, drug interactions, pharmacovigilance.
6	INFLAMMATION. Anti-inflammatory, antipyretic and analgesic agents.
8	CHEMOTHERAPY OF MICROBIAL DISEASE. General principles of antimicrobial therapy. Sulfonamides, quinolones and agents for urinary tract infections. Penicillins, cephalosporins, and other beta-lactam antibiotics. Aminoglycosides.

**MODULE
GENERAL SURGERY**

Prof. GIOVANNI TOMASELLO

SUGGESTED BIBLIOGRAPHY

Dionigi Chirurgia. Basi teoriche e chirurgia generale. Sesta Edizione. Materiale didattico fornito dal docente. Si consiglia consultazione letteratura scientifica internazionale tramite PUBMED.

AMBIT	10339-Primo soccorso
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INDIVIDUAL STUDY (Hrs)	45
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COURSE ACTIVITY (Hrs)	30
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EDUCATIONAL OBJECTIVES OF THE MODULE

educational objectives of the course: to provide students general notions of medical-surgical pathology of the alimentary tract that can also have causal reflections with audiological problems. An example for all is the duodenal-gastro-oesophageal-laryngeal reflux pathology that leads to acid or bile reflux in the esophagus and larynx. The atypical symptomatology of this pathology is catarrhal laryngitis, hoarseness and vocal cord polyps. Transmit a clinical and diagnostic methodology for the causal and clinical classification of major surgical pathologies.

SYLLABUS

Hrs	Frontal teaching
1	general information on surgical wounds
1	general information on surgical infections
4	general information on the most frequent neoplasms of the digestive system and connected endoscopic pictures
6	gastro-esophageal-laryngeal reflux and correlated symptoms
1	general information on gallbladder stones
4	cholelithiasis and acute and chronic pancreatitis
4	general aspects on peritonitis, acute abdomen and correlated pathologies
2	general information on bowel obstruction
2	general information on the intestinal ischemia
2	general information on appendicitis
3	general information on diverticular disease and complications