



# UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2020/2021		
BACHELOR'S DEGREE (BSC)	PSYCHIATRIC REHABILITATION TECHNIQUE		
INTEGRATED COURSE	FIRST AID - INTEGRATED COURSE		
CODE	05749		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/09, MED/41, MED/27		
HEAD PROFESSOR(S)	IACOPINO DOMENICO	Professore Ordinario	Univ. di PALERMO
OTHER PROFESSOR(S)	IACOPINO DOMENICO	Professore Ordinario	Univ. di PALERMO
	CORTEGIANI ANDREA	Professore Associato	Univ. di PALERMO
	CANINO BALDASSARE	Ricercatore	Univ. di PALERMO
CREDITS	9		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	3		
TERM (SEMESTER)	2° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	<b>CANINO BALDASSARE</b> Monday 12:00 14:00 dibimis <b>CORTEGIANI ANDREA</b> Monday 10:00 12:00 1 piano Dipartimento di anestesia e rianimazione <b>IACOPINO DOMENICO</b> Monday 14:00 16:00 Direzione UOC di neurochirurgia		

**DOCENTE:** Prof. DOMENICO IACOPINO

PREREQUISITES	Have adequate knowledge of anatomy and physiology of first aid and resuscitation in the field of neurological and thoracic diseases
LEARNING OUTCOMES	Knowing how to prepare the patient to participate in the Urgency-Emergency situations. Applying knowledge and understanding Know how to apply the learning. MAKING JUDGMENTS Know how to recognize the main pathological for a therapeutic diagnostic classification. COMMUNICATION SKILLS Know talk easily understood by patients and relatives as well as to know to interact with other professionals. LEARNING ABILITY Knowing implement, collect, interpret the available data base and possibly from other resources specific information on patients.
ASSESSMENT METHODS	Oral exam which will consist of an interview that is to ascertain the possession of skills and subject knowledge provided by the course. The assessment is carried out of thirty. Assessment criteria are available on the School of Medicine and Surgery website at <a href="http://www.unipa.it/scuole/dimedicinaechirurgia/.content/documenti/TabellaValutazione-Inglese.pdf">http://www.unipa.it/scuole/dimedicinaechirurgia/.content/documenti/TabellaValutazione-Inglese.pdf</a>
TEACHING METHODS	Frontal teaching

## MODULE ANAESTHESIOLOGY

*Prof. ANDREA CORTEGIANI*

### SUGGESTED BIBLIOGRAPHY

ANESTESIA RIANIMAZIONE ed emergenze medico-chirurgiche - 1995 by GUIDO GNOCCHI EDITORE srl - CASA EDITRICE dal 1908 IDELSON

MANUALE BLSD - Rianimazione CardioPolmonare e Defibrillazione - A cura di G. Altamura e F. Messina - AZIENDA SANITARIA LOCALE RMB - ASSOCIAZIONE INSIEME PER IL CUORE ONLUS

PRIMO SOCCORSO IN CASO DI SOFFOCAMENTO - CROCE VERDE VERONA

MINERVA ANESTESIOLOGICA, Vol. 57, N. 5, Maggio 1991 - OSSIGENOTERAPIA IPERBARICA

<b>AMBIT</b>	10320-Primo soccorso
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30

### EDUCATIONAL OBJECTIVES OF THE MODULE

Know the Principles and Guidelines of Cardio-Pulmonary Resuscitation and Defibrillation.

Know the Principles and Guidelines of First Aid in Case of Suffocation.

Know the Principles and Guidelines of the Treatment of some Medical-Surgical Emergencies.

## SYLLABUS

Hrs	Frontal teaching
3	Cardiac Arrest in Adulthood - Cardio-Pulmonary Resuscitation and Defibrillation (BLSD) Suffocation in Adulthood - First Aid
3	Cardiac Arrest in the Pediatric Age - Cardio-Pulmonary Resuscitation and Defibrillation (PBLSD) Suffocation in the Pediatric Age - First Aid
3	Oxygen: Physiology - Toxicology - Application Rationale
3	Carbon Monoxide Poisoning in Adulthood
3	Carbon Monoxide Poisoning in Pregnancy - Carbon Monoxide Poisoning in the Pediatric Age
3	Traumatic Arterial Gas Embolism
3	Decompression Sickness
3	Crush Injury
3	Necrotizing Soft Tissue Infections
3	Diabetic Gangrene

## MODULE INTERNAL MEDICINE

*Prof. BALDASSARE CANINO*

### SUGGESTED BIBLIOGRAPHY

Medicina D'urgenza Pratica e Progresso. Valerio Grai, C.G. Edizioni Medico Scientifiche.

<b>AMBIT</b>	10320-Primo soccorso
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30

### EDUCATIONAL OBJECTIVES OF THE MODULE

Recognize the main clinical syndromes in emergency / urgent conditions .

## SYLLABUS

Hrs	Frontal teaching
5	the endocrine-metabolic syndromes ( thyroid disorders , thyrotoxicosis , diabetic coma )
1	Urination , bowel function , body weight
1	Regular serological parameters . Acid base balance , fluid and electrolyte balance, coagulation.
1	The levy arterioso- Venous - venous access sampling.
4	major clinical syndromes involving the respiratory system ( bronchial asthma , pneumothorax , respiratory failure , chest pain , hemoptysis , pulmonary embolism )
5	the cardiovascular system ( acute coronary syndromes , shock , acute pulmonary edema , cardiac tamponade , hypertensive crisis , heart failure , syncope , aortic dissection )
3	the gastrointestinal tract ( abdominal pain , vomiting and haematemesis )
3	renal tract (renal failure )
3	orientation on main support to be implemented in emergency procedures
Hrs	Practice
4	exercises of Internal Medicine at the UOC

## MODULE NEUROSURGERY

*Prof. DOMENICO IACOPINO*

### SUGGESTED BIBLIOGRAPHY

Lavano - Neurochirurgia per Infermieri Tecnici e Riabilitatori. Ed Esculapio. 2015

<b>AMBIT</b>	10324-Scienze interdisciplinari e cliniche
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30

### EDUCATIONAL OBJECTIVES OF THE MODULE

At the end of the session the student may be able to recognize, in the emergency settings, the main clinical syndromes which involve the neurological system and may require surgical procedures.

Intracranial hypertensive syndromes

Intracranial hemorrhages

Cerebral neoplasms

Spinal trauma

Degenerative pathologies of the vertebral compartment

Functional neurosurgery as deep brain stimulation for Parkinson disease, dystonia, Psychosurgery, neuropathic pain treatment

## SYLLABUS

Hrs	Frontal teaching
6	Cranio-cerebral injury
6	Spinal injury
4	Hemorrhagic stroke
4	Functional neurosurgery, DBS for Parkinson disease, Dystonia, Psychosurgery, Surgical treatment of neuropathic pain
4	Hypertensive intracranial syndrome
3	Degenerative disease of the spine
Hrs	Practice
3	Neurosurgical hands on