



# 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>	CARDIOLOGY AND CARDIOVASCULAR RESUSCITATION - INTEGRATED COURSE
<b>CODE</b>	15888
<b>MODULES</b>	Yes
<b>NUMBER OF MODULES</b>	2
<b>SCIENTIFIC SECTOR(S)</b>	MED/11, MED/41
<b>HEAD PROFESSOR(S)</b>	GREGORETTI CESARE Professore Associato Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>	CORRADO EGLE Professore Associato Univ. di PALERMO GREGORETTI CESARE Professore Associato Univ. di PALERMO
<b>CREDITS</b>	6
<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>	<b>CORRADO EGLE</b> Thursday 12:00 14:00 U.O.C di Cardiologia <b>GREGORETTI CESARE</b> Tuesday 14:30 16:30 Istituto di Anestesia e Rianimazione del Policlinico "P. Giaccone" di Palermo, I pianoE' gradita mail per appuntamento

**DOCENTE:** Prof. CESARE GREGORETTI

<b>PREREQUISITES</b>	Concepts of anatomy and physiology of the heart and vascular system (arteries and veins). Haemodynamic's elementary principles. Notions of cardiovascular semeiotics (main subjective symptoms and objective signs of cardiovascular diseases).
<b>LEARNING OUTCOMES</b>	Ability to recognize the most common cardiovascular disease and major emergencies requiring a resuscitation intervention; ability to organize autonomously the specific nursing interventions. - Ability to give adequate nursing response to patient's needs in relation to cardiovascular disease and the resuscitation emergencies. Being able to assess the medical and nursing implications related to cardiovascular diseases and the resuscitation emergencies. - Ability to update their knowledge about cardiovascular diseases and resuscitation emergencies and related nursing, consulting the scientific publications of these sectors, including through the use of the internet network.
<b>ASSESSMENT METHODS</b>	Oral exam consists of an interview about the topics listed in this schedule. The exam is mainly focused to check of the acquired knowledge and their exposure. Examining will have to answer the minimum / three questions on parts of the program with reference to suggested texts. The exam will be passed if the student shows knowledge and understanding at least in the general guidelines. The evaluation is expressed in thirty-mode
<b>TEACHING METHODS</b>	Teaching: lectures, practical training on the ward

**MODULE  
ANAESTHESIOLOGY**

*Prof. CESARE GREGORETTI*

**SUGGESTED BIBLIOGRAPHY**

Anestesia Generale e Speciale (Ezio Romano- Ed. UTET)  
Il Malato Critico (Ezio Romano- Ed. UTET)

<b>AMBIT</b>	10305-Primo soccorso
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<b>INDIVIDUAL STUDY (Hrs)</b>	45
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<b>COURSE ACTIVITY (Hrs)</b>	30
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**EDUCATIONAL OBJECTIVES OF THE MODULE**

Giving students the opportunity to be able to evaluate the main anesthetic and resuscitative approaches and the main emergency medical conditions , while simultaneously gaining knowledge , practical skills and attitudes appropriate to the nursing healthcare management

**SYLLABUS**

<b>Hrs</b>	<b>Frontal teaching</b>
2	Invasive and Non Invasive monitoring in critical area
2	Intravenous and inhaled Generale Anesthesia
2	Regional Anesthesia
4	Cardiac Arrest and ILS (Intermediate Life Support)
4	Primary and secondary survey of trauma patients
2	Coma and neuro-critical care
2	Emergency in major burn, drowness, frostbite and electrocution
2	Shock Syndrome
2	Sepsis and Septic shock
2	Hypoxemic and Hypercapnic Respiratory Failure
4	Principles and Practice of invasive and non-invasive ventilation
2	Nursing in acute and chronic pain

**MODULE  
CARDIOVASCULAR SYSTEM DISEASES**

*Prof.ssa EGLE CORRADO*

**SUGGESTED BIBLIOGRAPHY**

Rugarli C. Medicina Interna Sistemica  
Malattie del cuore e dei vasi Mc Grawll Hill

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

**EDUCATIONAL OBJECTIVES OF THE MODULE**

Objective of the module and the description of some epidemiological, pathogenetic, and clinical-prognostic of cardiovascular diseases . Completing the module description and application of the main instrumental diagnostic methods used in practice cardiology and angiology (ECG, echocardiogram, Echocolor Doppler , dynamic ECG , exercise stress tests) with particular reference to those carried out directly by the nurse and the knowledge of the mode of some invasive instrumental techniques ( coronary angiography) or emergency (defibrillation).

**SYLLABUS**

Hrs	Frontal teaching
2	anatomy and physiology of the heart and vascular system. elementary principles of . Notions of hemodynamic.
4	Electrocardiography: basic principles and practical applications.
2	Arrhythmias and their classification. Concept of ECG Holter.
4	Echocardiography, Doppler ultrasound of TSA and peripheral vascular . The stress ECG. The nurses in the diagnostic cardiovascular laboratories : assistance to the tests and interpreting of the basic principles. Invasive diagnostic imaging concepts: arteriography, coronary angiography and nursing care.
4	ischemic heart disease: definition, epidemiology, risk factors, pathogenesis, classification, pathology factors, clinical, principles of diagnosis and therapy. Monitoring and nursing management of acute and chronic ischemic heart disease.
2	Deep venous thrombosis and pulmonary embolism
2	Rheumatic valvular heart disease: definition, epidemiology, etiology, pathophysiology, classification, pathology, clinic, principles of diagnosis and therapy.
2	hypertensive heart disease and heart failure. Monitoring and nursing management of heart failure.
2	Atherosclerosis, risk factor
2	patient nursing management
2	patient nursing management in electrophysiology
2	patient nursing management in hemodynamic