



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2018/2019		
MASTER'S DEGREE (MSC)	HEALTH REHABILITATION SCIENCE		
INTEGRATED COURSE	REHABILITATION SCIENCES - INTEGRATED COURSE		
CODE	16971		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/34, MED/09, MED/30		
HEAD PROFESSOR(S)	VADALA' MARIA	Professore Associato	Univ. di PALERMO
OTHER PROFESSOR(S)	VADALA' MARIA	Professore Associato	Univ. di PALERMO
	SCATURRO DALILA	Ricercatore a tempo determinato	Univ. di PALERMO
	CANINO BALDASSARE	Ricercatore	Univ. di PALERMO
CREDITS	9		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	1		
TERM (SEMESTER)	2° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	<p>CANINO BALDASSARE Monday 12:00 14:00 dibimis</p> <p>SCATURRO DALILA Thursday 8:30 10:30 U.O.C. di "Riabilitazione", A.O.U.P. "P. Giaccone" Palermo</p> <p>VADALA' MARIA Monday 12:00 14:00 Wednesday 09:00 10:00</p>		

DOCENTE: Prof.ssa MARIA VADALA'

PREREQUISITES	The Master's Degree in Rehabilitation Sciences of Health Professions is accessible to students who have completed the three-year degree courses enabling to practice various health professions.
LEARNING OUTCOMES	<p>Knowledge and understanding abilities.</p> <p>The student has to increase his skills about structure and normal functioning of the organism as a complex of continuously adapting biological systems.</p> <p>He has to become familiar with the diagnostic methods, critically evaluate the evolution of rehabilitation needs and plan the therapeutic intervention.</p> <p>The student has to know the simple and complex organizations of rehabilitation facilities.</p> <p>The student has to be able to apply skills and knowledge learnt.</p> <p>The student must correctly evaluate the health problems and has to be able to advise patients by taking into consideration physical, psychological and socio-cultural factors.</p> <p>Furthermore, he must have the awareness of the roles and responsibilities of other social and health personnel in order to take care of the subjects.</p> <p>He has to use advanced technologies associated with information and communication as a valid support for diagnosis, therapeutic and preventive rehabilitative interventions.</p> <p>He has to be able to build innovative healthcare and rehabilitation models.</p> <p>He has to manage work groups and to apply appropriate strategies to encourage multi-professional and organizational integration processes.</p> <p>He has to acquire autonomy of judgment</p> <p>The student will have to know how to identify, formulate and solve problems using the basics of scientific thought and research.</p> <p>He has to develop leadership skills in health and social care services.</p> <p>He has to determine and critically assess the evolution of rehabilitation needs and plan therapeutic and preventive intervention.</p> <p>He has to learn communication skills</p> <p>The student has to achieve the skills to interact in a suitable way with the patient, establishing an empathic communication; he has to listen carefully to understand and synthesize the information, facilitating the understanding of patients and the family. He has also to interact with the other professional figures of different teams.</p> <p>He has to own learning abilities.</p> <p>The student must acquire the ability to update through the use of scientific publications and participate in continuous training courses, for the training of a professional figure with advanced and in-depth skills.</p> <p>He has to integrate advanced scientific, methodological and managerial knowledge, to respond to health needs and to promote innovative care models.</p>
ASSESSMENT METHODS	Oral test
TEACHING METHODS	Lectures

**MODULE
INTERNAL MEDICINE**

Prof. BALDASSARE CANINO

SUGGESTED BIBLIOGRAPHY

Rugarli Medicina Interna

AMBIT	20400-* Scienze della podologia
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INDIVIDUAL STUDY (Hrs)	51
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COURSE ACTIVITY (Hrs)	24
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EDUCATIONAL OBJECTIVES OF THE MODULE

Objective of the Module and ' the description of the taxonomy , epidemiology , dell'etiopatogenesi , natural history , differential diagnosis , clinical phenomenology and management therapeutic use of more ' frequent diseases , acute and chronic character of Internal Medicine.

SYLLABUS

Hrs	Frontal teaching
3	Semiotics Heart and Lungs
3	ischemic heart disease
3	Myocardial Infarction
3	ictus
3	Metabolic syndrome
3	Diabetes Mellitus and Obesity
3	Chronic Respiratory Insufficiency
3	Acute pathologies of ' Respiratory Tract

**MODULE
LIFE CYCLE PHYSICAL AND REHABILITATIVE MEDICINE**

Prof.ssa DALILA SCATURRO

SUGGESTED BIBLIOGRAPHY

Powerpoint delle lezioni
Valobra – Nuovo Trattato di Medicina Fisica e Riabilitazione
Basaglia – Medicina Riabilitativa

AMBIT	20402-* Scienze della terapia della neuro e psicomotricità dell'età evolutiva
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INDIVIDUAL STUDY (Hrs)	51
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COURSE ACTIVITY (Hrs)	24
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EDUCATIONAL OBJECTIVES OF THE MODULE

The purpose of this course is to promote the development of the healthcare profession through knowledge of theories and rehabilitation models; to learn the notions related to rehabilitation organization from the intensive to treatment at home

SYLLABUS

Hrs	Frontal teaching
2	Social and medical rehabilitation notions
2	Difference between impairment (disablement), disability and handicap: consequent organizational and therapeutic strategies for patient management
2	Motor assessment
2	Rehabilitation (facilities health) and teams organization
2	Intensive and extensive rehabilitation
2	The rehabilitation project
2	The phases of intervention in rehabilitation medicine
2	Rehabilitation DH and rehabilitation department
2	Major assessment scales
2	Assessment tools
2	Measuring instruments
2	Quality measures

MODULE VISUAL SYSTEM DISEASES

Prof.ssa MARIA VADALA'

SUGGESTED BIBLIOGRAPHY

Peduzzi M. Manuale di Oculistica. Ed. Macgraw -Hill 2009
 Azzolini c., Carta F., Marchini G., Menchini U. Clinica dell'apparato visivo. Masson Edra LSWR Ed. 2010
 Bagolini B. Strabologia. Diagnosi e Terapia dello Strabismo e del Nistagmo. Editore: Verduci, Roma, 2015.
 Nucci P. Oftalmologia pediatrica e strabismo. ed. Fabiano 2012
 Appunti delle lezioni del docente.

AMBIT	20399-* Scienze dell'ortottica e dell'assistenza di oftalmologia
INDIVIDUAL STUDY (Hrs)	51
COURSE ACTIVITY (Hrs)	24

EDUCATIONAL OBJECTIVES OF THE MODULE

Aim of the course is to acquaint the student with the elements for the qualitative and quantitative understanding of the biological and pathological phenomena, the principles of the physiopathology necessary to carry out orthotic rehabilitative activities in the disorders of ocular motility and binocular vision , visual impairment and to perform ophthalmologic instrumental techniques.

The course intends to give knowledge about all the diagnostic methods employed in the definition of ocular diseases and the normative provisions on visual impairment.

SYLLABUS

Hrs	Frontal teaching
2	Elements of Anatomy and Physiology of the eye
2	Elements of optic and refraction, ametropia
3	Physiopathology of binocular vision
2	Instrumental diagnostic techniques in the eye semeiology
3	Abnormal motility of the eye : concomitant and incomitant strabismus , restrictive syndrome
2	Abnormal motility of the eyes : nystagmus and ocular torticollis
2	Abnormal motility of the eyes: systemic and traumatic diseases
2	Ambliopia: classification and symptoms
2	eye in posturology
4	low vision rehabilitation