



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2018/2019		
MASTER'S DEGREE (MSC)	HEALTH REHABILITATION SCIENCE		
INTEGRATED COURSE	PHYSIOTHERAPY SCIENCES - INTEGRATED COURSE		
CODE	16961		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/33, MED/26, MED/48		
HEAD PROFESSOR(S)	MONASTERO ROBERTO	Professore Associato	Univ. di PALERMO
OTHER PROFESSOR(S)	MONASTERO ROBERTO	Professore Associato	Univ. di PALERMO
	CAMARDA LAWRENCE	Professore Ordinario	Univ. di PALERMO
	FIOLO ROSARIO	Professore a contratto	Univ. di PALERMO
CREDITS	9		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	1		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	CAMARDA LAWRENCE Tuesday 12:00 14:00 Clinica Ortopedica - AOUP FIOLO ROSARIO Monday 09:00 10:00 U.O. Professione Sanitarie della Riabilitazione MONASTERO ROBERTO Wednesday 13:00 14:00 BioNeC, via G. La Loggia 1, Complesso didattico "Aula Rubino", al termine delle lezioni di Neurologia		

DOCENTE: Prof. ROBERTO MONASTERO

PREREQUISITES	
LEARNING OUTCOMES	
ASSESSMENT METHODS	
TEACHING METHODS	

MODULE LOCOMOTOR SYSTEM DISEASES

Prof. LAWRENCE CAMARDA

SUGGESTED BIBLIOGRAPHY

Mancini, Morlacchi : Clinica Ortopedica – Manuale Atlante Piccin Editore Grassi, Pazzaglia, Pilato, Zatti: Manuale di Ortopedia e Traumatologia Elsevier Masson

AMBIT	20397-* Scienze della fisioterapia
INDIVIDUAL STUDY (Hrs)	51
COURSE ACTIVITY (Hrs)	24

EDUCATIONAL OBJECTIVES OF THE MODULE

The student must have knowledge in the pathophysiology and medical and surgical treatment of musculoskeletal diseases of childhood and adulthood with specific expertise in functional and instrumental semiotics and traumatology . In addition , he must have knowledge in the field of physical medicine and rehabilitation in childhood and adulthood

SYLLABUS

Hrs	Frontal teaching
30	The fractures: classification, clinical picture, complications and treatment modalities, with practical exercises of bandages and dressings. 2. congenital deformities: congenital hip dysplasia, clubfoot congenital myogenic torticollis. 3. paramorphism and dysmorphic features: scoliosis. 4. The arthritic disease 5. Lumbago, sciatica and lombocruralgie. The lumbar disc herniation: pathogenesis, clinical and treatment. 6. The shoulder pathology: my-capsule-ligament injuries, injuries to the glenoid labrum, bone and joint injuries. The shoulder dislocations. 7. The knee disease: pathogenesis, clinical and treatment of meniscal tears and ligament injuries. The articular cartilage lesions. 8. The disease of the foot: the most frequent clinical pictures. 9. muscle and tendon injuries in sport: the groin and tennis elbow. physical medicine elements: biological principles and directions. medical rehabilitation elements applied to diseases of the musculoskeletal system.

MODULE NEUROLOGY

Prof. ROBERTO MONASTERO

SUGGESTED BIBLIOGRAPHY

- C. Ferrarese: Core Curriculum: Malattie del Sistema Nervoso, II edizione, McGraw Hill, 2016
- A. Federico, C. Caltagirone, L. Provinciali, G. Tedeschi: Neurologia Pratica, Edises, 2014
- P. Bertora: Neurologia per i corsi di laurea in professioni sanitarie, Piccin, 2015
- A. Federico, C. Angelini, P. Franza: Neurologia e assistenza infermieristica. Manuale per professioni sanitarie, Edises, 2014
- Materiale didattico (dispense, fotocopie, articoli scientifici e set di diapositive) preparato dal docente del modulo

AMBIT	20397-* Scienze della fisioterapia
INDIVIDUAL STUDY (Hrs)	51
COURSE ACTIVITY (Hrs)	24

EDUCATIONAL OBJECTIVES OF THE MODULE

Knowledge acquisition regarding major neurological diseases/disorders, with particular attention to neuropsychiatric diseases with mixed pathology, including concepts re rehabilitation

SYLLABUS

Hrs	Frontal teaching
2	Anatomy of clinical neurology
2	Major neurological syndromes
3	Cognitive functions and related neuropsychological tests
2	Disorders of consciousness
2	Cerebrovascular disease
2	Neurodegenerative disease
3	Dementia and mild cognitive impairment
2	Primary headaches
2	Head injuries
2	Epilepsy
2	Demyelinating disease

MODULE
NURSING SCIENCES AND NEUROPSYCHIATRIC TECHNIQUES

Prof. ROSARIO FIOLO

SUGGESTED BIBLIOGRAPHY

- Ausili didattici preparati dal docente (Materiale didattico e PP)
- OMS, Classificazione internazionale del Funzionamento, della Disabilita' e della Salute (ICF), Erickson, Trento, 2001.
- Ginestra, Venere, Vignera – Elementi di Comunicazione per le Professioni Sanitarie – FrancoAngeli Editore, 2008.

AMBIT	20401-* Scienze della riabilitazione psichiatrica
INDIVIDUAL STUDY (Hrs)	51
COURSE ACTIVITY (Hrs)	24

EDUCATIONAL OBJECTIVES OF THE MODULE

Knowing the methodological basis of rehabilitation and clinical reasoning.
Knowing how to plan the intervention integrating it within the team on the basis of bio-psycho-social model

SYLLABUS

Hrs	Frontal teaching
3	Scientific method and research in rehabilitation - the basics
3	Clinical reasoning in rehabilitation
3	Rehabilitation Intervention Planning
3	ICF and the Bio-Psycho-Social Model
3	Evaluation Form Disability
3	The teamwork
3	Communication and health professions, and the relationship therapist / patient