UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata
ACADEMIC YEAR	2020/2021
MASTER'S DEGREE (MSC)	HEALTH PROFESSIONS REHABILITATION SCIENCES
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)	CAMARDA LAWRENCE Professore Ordinario Univ. di PALERMO
OTHER PROFESSOR(S)	SALEMI GIUSEPPE 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 **SALEMI GIUSEPPE** Friday 12:00 14:00 Via del Vespro 143

DOCENTE: Prof. LAWRENCE CAMARDA

PREREQUISITES	have completed the corse
LEARNING OUTCOMES	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 .
ASSESSMENT METHODS	oral examination: 2-3 questions concerning topics of the course elective grade out of thirty excellent 30/30 cum laude very good 26/29 good 24/25 satisfactory 21/23 enough 18/20 insufficient
TEACHING METHODS	lessons

MODULE
NEUROLOGY

Prof. GIUSEPPE SALEMI

SUGGESTED BIBLIOGRAPHY

Powerpoint delle lezioni
Neurologia di Jean Cambier, Maurice Masson, Henri Dehen e C. Mariani
Elementi di Metodologia Epidemiologica di Carlo Signorelli - Editore: SEU 2009
Applicazioni di epidemiologia per la sanita' pubblica di Fabrizio Faggiano, Francesco Donato, Fabio Barbone - Centro Scientifico Editore

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

EDUCATIONAL OBJECTIVES OF THE MODULE

- To know and to be able to interpret the main measures used in epidemiological research.
- To be aware of yhe epidemiological issues.
- To acquire the concepts of collecting and analyzing qualitative data.
- To Know how to build a questionnaire through the analysis of qualitative data.
- To Know how to apply the epidemiological approach to solving a problem.
- To acquire the capability to critically review epidemiological publications.
- To acquire knowledge about meta-analytical review principles.
- To acquire the ability to evaluate scientific research with bibliometric indicators
- Knowledge of clinical trials

SYLLABUS

Hrs	Frontal teaching
3	General elements of neuroepidemilogy
3	Descriptive epidemiology of neuropsychiatric disorders
3	Analytical epdemiology of neuropsychiatric disorders
2	Population survey methods
3	Systematic reviews and methanalysis
3	Controlled clinical trials in the neurological field and in relation to rehabilitation
3	Neuroepidemiology and healthcare organization
2	Disease classification systems with special focus on neurological disorders
2	Neurorehabilitative DRG

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
24	Le fratture: classificazione, quadri clinici, complicanze e modalita' di trattamento, con esercitazioni pratiche di bendaggi e fasciature. 2. Deformita' congenite : la displasia congenita dell'anca, il piede torto congenito, il torcicollo miogeno. 3.Paramorfismi e dismorfismi: la scoliosi. 4.La malattia artrosica 5. Lombalgie, lombosciatalgie e lombocruralgie. L'ernia del disco lombare: patogenesi, clinica e trattamento. 6.La patologia della spalla: lesioni mio-capsulo-legamentose, lesioni del cercine glenoideo, lesioni osteoarticolari. Le lussazioni di spalla. 7.La patologia del ginocchio: patogenesi, clinica e trattamento delle lesioni meniscali e delle lesioni legamentose. Le lesioni cartilaginee articolari. 8.La patologia del piede: quadri clinici piu' frequenti. 9.Lesioni muscolari e tendinee nello sport: la pubalgia e il gomito del tennista. Elementi di medicina fisica : principi biologici e indicazioni. Elementi di medicina riabilitativa applicata alle patologie dell'apparato muscolo-scheletrico.

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
4	Rehabilitation Intervention Planning
4	ICF and the Bio-Psycho-Social Model
4	Evaluation Form Disability
3	The teamwork
3	Communication and health professions, and the relationship therapist / patient