



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	Medicina di Precisione in area Medica, Chirurgica e Critica		
<b>ACADEMIC YEAR</b>	2022/2023		
<b>MASTER'S DEGREE (MSC)</b>	DENTISTRY		
<b>INTEGRATED COURSE</b>	NEUROLOGY AND PSYCHIATRY - INTEGRATED COURSE		
<b>CODE</b>	17621		
<b>MODULES</b>	Yes		
<b>NUMBER OF MODULES</b>	2		
<b>SCIENTIFIC SECTOR(S)</b>	MED/25, MED/26		
<b>HEAD PROFESSOR(S)</b>	MONASTERO ROBERTO Professore Associato	Univ. di PALERMO	
<b>OTHER PROFESSOR(S)</b>	MONASTERO ROBERTO Professore Associato	Univ. di PALERMO	
	FERRARO LAURA Ricercatore a tempo determinato	Univ. di PALERMO	
<b>CREDITS</b>	6		
<b>PROPAEDEUTICAL SUBJECTS</b>			
<b>MUTUALIZATION</b>			
<b>YEAR</b>	4		
<b>TERM (SEMESTER)</b>	1° semester		
<b>ATTENDANCE</b>	Not mandatory		
<b>EVALUATION</b>	Out of 30		
<b>TEACHER OFFICE HOURS</b>	<p><b>FERRARO LAURA</b> Monday 10:00 12:00 Via G. La Loggia, 1 primo piano</p> <p><b>MONASTERO ROBERTO</b> Wednesday 13:00 14:00 BioNeC, via G. La Loggia 1, Complesso didattico "Aula Rubino", al termine delle lezioni di Neurologia</p>		

**DOCENTE:** Prof. ROBERTO MONASTERO

<b>PREREQUISITES</b>	In order to understand the contents and learning objectives of the course, the student must possess knowledge of the anatomo-physiological foundations of the CNS, neurotransmitter mechanisms, and the concepts of impairment, disability and handicap.
<b>LEARNING OUTCOMES</b>	<p><b>Knowledge and understanding skills</b> Acquisition of knowledge and understanding skills related to higher psychic and cognitive functions, disorders of psychiatric and neurological relevance to the adult-elderly age, neurobiological and psychological etiological models, and the main therapeutic and rehabilitative intervention strategies for the treatment of neurological and psychiatric disorders. In addition, the integrated course aims to develop in the student knowledge of the diagnostic pathways and differential diagnosis of major neurological syndromes and mental disorders.</p> <p><b>Ability to apply knowledge and understanding</b> Recognition of neurological diseases and mental disorders, diagnostic framing, clinical evaluation, and identification of therapeutic and rehabilitative possibilities suitable for the treatment of neurological and mental disorders.</p> <p><b>Autonomy of judgment.</b> Development of the ability to recognize major pathological pictures and appropriate autonomy of judgment in relation to neurological and psychiatric diagnosis and choice of therapeutic and rehabilitative treatments.</p> <p><b>Communication skills</b> Understand the meaning of verbal and nonverbal communication and be able to communicate acquired knowledge clearly.</p> <p><b>Learning skills.</b> Acquisition of skills to make good use of the notions learned to navigate the field of understanding and recognizing neurological and psychological distress, in order to be able to continue to further these studies in the context of continuing education and training.</p>
<b>ASSESSMENT METHODS</b>	<p>Oral test. The test aims to assess that the student possesses knowledge and understanding of the topics of the integrated course program, autonomy of judgment, ability to apply the acquired knowledge, specific disciplinary language.</p> <p>Minimum number of questions: the student will have to answer a minimum of three questions, asked orally, covering all the topics of the integrated course program, with reference to the recommended texts.</p> <p><b>ORAL ASSESSMENT AND ITS CRITERIA</b> The evaluation of the test is in thirtieths, as follows.</p> <p>- Grade: 30 - 30 cum laude - Assessment: Excellent - ECTS grades: Excellent (A - / A+) Outcome: Excellent knowledge of teaching content. Student demonstrates high analytical-synthetic ability and is able to apply knowledge to solve problems of high complexity.</p> <p>- Grade: 27 - 29 - Assessment: Very well - ECTS grades: Very good (B) Outcome: Excellent knowledge of teaching content and very good command of language. Student demonstrates analytical-synthetic skills and able to apply knowledge to solve problems of medium and, in some cases, high complexity.</p> <p>- Grade: 24 - 26 - Rating: Good - ECTS grades: Good (C) Outcome: Good knowledge of teaching content and good ownership of language. The student is able to apply knowledge to solve problems of medium complexity.</p> <p>- Grade: 21 - 23 - Rating: Fair - ECTS grades: Satisfactory (D) Outcome: Fair knowledge of teaching content, in some cases limited to main topics. Acceptable ability to use discipline-specific language and to apply acquired knowledge independently.</p> <p>- Grade: 18 - 20 - Assessment: Sufficient - ECTS grades: Sufficient (E) Outcome: Minimal knowledge of teaching content, often limited to main topics. Modest ability to use discipline-specific language and independently apply acquired knowledge.</p> <p>- Grade: 1 - 17 - Assessment: Insufficient - ECTS grades: Fail (F). Outcome: Does not possess acceptable knowledge of the main content of teaching. Very little or no ability to use discipline-specific language and independently apply acquired knowledge. Exam failed.</p>
<b>TEACHING METHODS</b>	Lectures with the support of ppt slides

## MODULE NEUROLOGY

Prof. ROBERTO MONASTERO

### SUGGESTED BIBLIOGRAPHY

#### LIBRI per APPROFONDIMENTO

- A. Berardelli, G. Cruccu: La neurologia della Sapienza, Società Editrice Esculapio, 2019 (ISBN 9788834184493)
- C. Ferrarese: Core Curriculum: Malattie del Sistema Nervoso, II edizione, McGraw Hill, 2016 (ISBN 8838639892)
- A. Federico, C. Caltagirone, L. Provinciali, G. Tedeschi: Neurologia Pratica, EdiSES, 2014 (ISBN 8879598317)
- P. Barone, U. Bonuccelli: Neurologia Clinica. Per Studenti e Medici di Medicina Generale, EDIZIONI Idelson Gnocchi, 2021 (ISBN: 9788879477529)

#### LIBRI PER LE PROFESSIONI SANITARIE

- di A. Padovani, B. Borroni, M. S. Cotelli: Neurologia per le professioni sanitarie, Piccin, 2017 (EAN 9788829928316)
- P. Bertora: Neurologia per i corsi di laurea in professioni sanitarie, Piccin, 2015 (ISBN 9788829927449)
- A. Federico, C. Angelini, P. Franza: Neurologia e assistenza infermieristica. Manuale per professioni sanitarie, EdiSES, 2014 (ISBN 9788879598576)

Insieme ai libri sopra descritti, utilizzare il Materiale didattico (dispense, fotocopie, articoli scientifici e set di diapositive) preparato dal docente del modulo.

<b>AMBIT</b>	50449-Discipline mediche di rilevanza odontoiatrica
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30

### EDUCATIONAL OBJECTIVES OF THE MODULE

Knowledge acquisition regarding major neurological diseases/disorders, with particular attention to neuropsychiatric diseases with mixed pathology. The basic principles of neuroanatomy and neurophysiology of the central nervous system are included.

## SYLLABUS

Hrs	Frontal teaching
2	Anatomy of clinical neurology
2	Major neurological syndromes
2	Cognitive functions and related neuropsychological tests
2	Neurological basis of behaviour
2	Diagnostic neuroimaging
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
Hrs	Practice
3	Multiple choices questionnaire for intermediate and final evaluation (2 meetings of 1.5 hours each)

## MODULE PSYCHIATRY

*Prof.ssa LAURA FERRARO*

### SUGGESTED BIBLIOGRAPHY

Manuale diagnostico e statistico dei disturbi mentali (DSM-5), American Psychiatric Association (APA). Raffaello Cortina Editore detiene l'esclusiva per la lingua italiana. ISBN 9788860306616

Testo di riferimento: Bressi C., Invernizzi G., *Psichiatria e Psicologia Clinica* 5e. McGraw Hill ed., Milano, 2017. ISBN: 978-8838639968

<b>AMBIT</b>	50444-Formazione interdisciplinare
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30

### EDUCATIONAL OBJECTIVES OF THE MODULE

To acquire knowledge and understanding of the psychopathology of psychic functions, of psychiatric disorders and the main therapeutic intervention strategies for their treatment.

To be able to apply this knowledge to the doctor-patient relationship with particular reference to the management of the psychiatric patients.

## SYLLABUS

Hrs	Frontal teaching
3	Introduction to psychiatry, psychiatric legislation and organisation of services. The Stigma of Mental Illness
3	Psychiatric diagnosis
3	Psychopathology of Mental Functions: Consciousness, Attention, Memory, Perception, Thought, Affectivity
3	Psychotic spectrum disorders
3	Bipolar disorders, depressive disorders, suicide
3	Anxiety disorders, Obsessive-Compulsive and Related Disorders,
3	Somatic Symptom and Related Disorders, Factitious disorders
2	Eating disorders
4	Personality disorders
3	Pharmacotherapy and psychotherapies. psychiatric rehabilitation