



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	Biomedicina, Neuroscienze e Diagnostica avanzata		
<b>ACADEMIC YEAR</b>	2023/2024		
<b>BACHELOR'S DEGREE (BSC)</b>	ORTHOTICS AND OPHTHALMOLOGIC CARE		
<b>INTEGRATED COURSE</b>	NEUROPSYCHOLOGICAL SUBJECTS - INTEGRATED COURSE		
<b>CODE</b>	16908		
<b>MODULES</b>	Yes		
<b>NUMBER OF MODULES</b>	3		
<b>SCIENTIFIC SECTOR(S)</b>	M-PSI/01, MED/26, MED/39		
<b>HEAD PROFESSOR(S)</b>	TRIPI GABRIELE	Professore Associato	Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>	CAMARDA CECILIA	Professore Associato	Univ. di PALERMO
	TRIPI GABRIELE	Professore Associato	Univ. di PALERMO
<b>CREDITS</b>	9		
<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>CAMARDA CECILIA</b> Thursday 13:00 14:00 Via Gaetano La Loggia 1 palermo		
	<b>TRIPI GABRIELE</b> Monday 10:00 12:00 Si consiglia di concordare attraverso mail: gabriele.tripi@unipa.it . SEDE: Dipartimento Universitario PROSAMI - Via Cardinale Rampolla 3. Palermo		

**DOCENTE:** Prof. GABRIELE TRIPI

<b>PREREQUISITES</b>	Knowledge of the main concepts of human anatomy and physiology and biology fundamentals
<b>LEARNING OUTCOMES</b>	<p>Knowledge and understanding: the student at the end of the course will have a good knowledge of the neuropsychologic, neurologic and psychiatric aspects of childhood and adulthood and related pathologies . Acquire knowledge and advanced scientific training on etiopathogenetic aspects, clinical and therapeutic approaches to neurological and psychiatric diseases, considering all current neuropsychological and neurobiological aspects. Applying knowledge and understanding: the student will be able to apply their knowledge in the field of human neuropsychology and neurological and psychiatric disorders in childhood and adulthood. Will acquire in-depth methodological skills, testologico useful and instrumental to the development psychologist. Making judgments: the student will be able to interpret the correct meaning of the symptoms that characterize the neurological and psychiatric disorders in children and adults. Communication skills : the student will acquire the ability to relate to other professionals on the issues of psychology, neurology and psychiatry; acquire adequate skills to present experimental and bibliographic data and to transmit and disseminate information on the treated diseases. Lifelong learning skills: the student will have mastered the basics that will allow then to apply them on children with neuropsychologic and neuropsychiatric pathologies. Will acquire the ability to consult databases and journals, learn new techniques and advanced knowledge tools for the continuous updating of knowledge.</p>
<b>ASSESSMENT METHODS</b>	<p>Learning will be assessed by an oral exam which will consist of an interview that is to ascertain the possession of skills and subject knowledge provided by the course. The candidate will have to answer at least three questions posed orally, on all parties covered by the program, with reference to the recommended texts. Final assessment aims to evaluate whether the student has knowledge and understanding of the topics. The pass mark will be reached when the student shows knowledge and understanding of the subjects at least in general terms; he/she will also have presentation and argumentative skills as to allow the transmission of his/her knowledge to the examiner. Below this threshold, the examination will be insufficient. The more, however, the student will be able to find own connections between the topics of the course and be able to go into detail on the subject of discipline, the more the assessment is positive. The assessment is carried out of thirty. The ways in which the final rating /rating is evaluated will be 18/30 when the goals reached are at least elementary, up to the vote of 30/30 with any praise, when the goals are achieved in a way excellent. In the evaluation of the examination, the determination of the final vote will take into account the following elements: the logic followed by the student in the resolution of the question; The correctness of the procedure identified for the solution of the question; The adequacy of the proposed solution in relation to the skills that the student assumes have acquired at the end of the course; The use of an appropriate language. The 30/30 vote with any praise will be given to students whose tests meet all four of the above aspects. In this case, the student has demonstrated that he has achieved the objectives well. To pass the exam with a rating of not less than 18/30, the student must demonstrate that he has acquired a basic knowledge of the subject matter and that his / her language must be sufficient to communicate with the examining committee.</p>
<b>TEACHING METHODS</b>	Frontal lessons

**MODULE  
GENERAL PSYCHOLOGY**

**SUGGESTED BIBLIOGRAPHY**

Dispense e articoli scientifici messi a disposizione dal docente  
ANOLLI-LEGRENZI, Psicologia generale, Il Mulino, Bologna 2009 ISBN 10: 8815234713

<b>AMBIT</b>	10321-Scienze umane e psicopedagogiche
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30

**EDUCATIONAL OBJECTIVES OF THE MODULE**

To know the main models of general psychology: to understand the mechanisms and processes underlying the various mental functions and personality; to learn about the principles of communication in the helping relationship. To know how to apply the knowledge of how the mind works, the communication and emotions about the management of helping relationship.  
To know and understand the theory and technique of measurement in psychology, the construction of instruments and procedures for measurement and the development and refinement of theoretical methods of measurement, with particular attention to the tools concerning evaluation of visual disability.

**SYLLABUS**

<b>Hrs</b>	<b>Frontal teaching</b>
2	Defining methods and models of general psychology
2	Consciousness and attention models and evaluation
3	Sensation and perception: laws of perceptual organization, bottom-up and top-down models, hints on perceptual development
3	Emotion : physiological, cognitive and social aspects
2	The recognition of emotions in helping relationship, the relationship with the " difficult " patient, the work-related stress recognition in helping relationship.
3	The motivation: biological and cognitive aspects, hierarchy of needs, interpersonal motivational systems, the emotional and social development.
3	The memory: theories of acquisition and loss of information, evaluation of short- and long- term memory.
3	Learning: operant conditioning, instrumental conditioning and social learning
2	The reasoning and the thought: concept formation and development of abstract thinking, problem solving, creative thinking
3	Language and communication: language development, axioms of communication, communication in the helping relationship.
2	Work-related stress
2	Communication: axioms of communication, communication in the helping relationship and in the health care professions.

**MODULE  
CHILD NEUROPSYCHIATRY**

*Prof. GABRIELE TRIPI*

**SUGGESTED BIBLIOGRAPHY**

- Verranno forniti i ppt dei corsi al termine delle lezioni.

- Si consiglia come testo opzionale : Roccella M. Neuropsichiatria dell'Infanzia e dell'adolescenza.- Piccin Edizioni. Data Pubblicazione: ottobre 2019 ISBN: 978-88-299-3026-5

<b>AMBIT</b>	10324-Scienze interdisciplinari e cliniche
<b>INDIVIDUAL STUDY (Hrs)</b>	45
<b>COURSE ACTIVITY (Hrs)</b>	30

**EDUCATIONAL OBJECTIVES OF THE MODULE**

- To know the general clinical aspects of child development profiles regarding current scientific knowledge in the field of neurodevelopment and child psychopathology.
- To know the clinical profiles relating to the main pathologies of neuropsychiatric interest in children.
- Understanding the theoretical-practical bases of the main rehabilitative therapeutic approaches.
- To acquire methodological and instrumental skills to support the assessment and therapy for the main neuropsychiatric diseases in children.

**SYLLABUS**

<b>Hrs</b>	<b>Frontal teaching</b>
2	The central nervous system development; plasticity brain factors
3	The neuro-psychiatric assessment of infant and toddler
3	Epilepsy
2	Movement disorders
2	The infant cerebral palsy; assessment and rehabilitation
3	The cognitive development- The play
3	ADHD
3	Neurobiological elements of Intellectual deficit
2	Genetics syndromes
3	The autistic spectrum disorders; clinical and developmental profiles
2	Motor and vocal stereotypies
2	Tic disorders

## MODULE NEUROLOGY

*Prof.ssa CECILIA CAMARDA*

### SUGGESTED BIBLIOGRAPHY

Materiale didattico (dispense, fotocopie, articoli scientifici e set di diapositive) preparato dal docente Lezioni di Neurologia , Aracne. Neuologia Manzoni-torelli Esculapio editore

AMBIT	10324-Scienze interdisciplinari e cliniche
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

### EDUCATIONAL OBJECTIVES OF THE MODULE

Acquiring adequate knowledge of major neurological diseases, and developing good understanding of them. Development of the ability to apply acquired knowledge.

## SYLLABUS

Hrs	Frontal teaching
2	The anatomical and physiological bases of clinical neurology
2	The cortical functions and their evaluation
1	Instrumental diagnostics
2	Consciousness and disturbances
3	Encephalitis and meningitis
3	Cerebrovascular diseases
3	Extraparamidal e disorders
3	Dementia
2	Neurogenetic disorders
1	Headache
1	Brain tumours
1	Neuromuscular diseases
2	Epilepsia
2	Demyelinating disorders
2	Neurological emergencies