



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Scienze Psicologiche, Pedagogiche, dell'Esercizio Fisico e della Formazione		
ACADEMIC YEAR	2021/2022		
MASTER'S DEGREE (MSC)	PRIMARY EDUCATION		
SUBJECT	CHILD NEUROPSYCHIATRY		
TYPE OF EDUCATIONAL ACTIVITY	B		
AMBIT	70020-Psicologia clinica e discipline igienico-sanitarie		
CODE	05349		
SCIENTIFIC SECTOR(S)	MED/39		
HEAD PROFESSOR(S)	ROCCELLA MICHELE	Professore Associato	Univ. di PALERMO
	PARISI LUCIA	Ricercatore	Univ. di PALERMO
OTHER PROFESSOR(S)			
CREDITS	8		
INDIVIDUAL STUDY (Hrs)	147		
COURSE ACTIVITY (Hrs)	53		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	5		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Not mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	<p>PARISI LUCIA Thursday 00:00 00:01 Previo appuntamento concordato con il docente e richiesto via email all'indirizzo: lucia.parisi@unipa.it</p> <p>ROCCELLA MICHELE Thursday 00:00 00:01 Giovedì dalle 00:00 alle 00:01 presso Previo appuntamento concordato con il docente e richiesto via email all'indirizzo: michele.roccella@unipa.it</p>		

PREREQUISITES	Knowledge of the main concepts of child psychology and biology fundamentals
LEARNING OUTCOMES	<p>Knowledge and ability 'to understand The student at the end of the course will have' a good knowledge of the pathologies related to neurology and child and adolescent psychiatry. Will acquire 'knowledge and advanced scientific training on etiopathogenic, clinical and therapeutic approaches to neurological and psychiatric diseases, considering all current biological, cellular / molecular and hereditary. Capacity 'to apply knowledge and understanding The student will be' able to apply their knowledge in the field of neurological and psychiatric pathologies in an 'evolutionary. Will acquire 'in-depth methodological skills, testologically 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 an 'evolutionary. Enable 'communication The student will acquire' the capacity 'to deal with other professionals on the issues of neurology and psychiatry in an 'evolutionary. Will acquire 'adequate capacity' to present experimental and bibliographic data and to transmit and disseminate information on the treated diseases. Capacity 'Learning The student will have' learned to consult databases and journals, learn new techniques and advanced knowledge tools for the continuous updating of knowledge or basic knowledge that will allow then to apply them on children with neuropsychiatric pathologies .</p>
ASSESSMENT METHODS	<p>oral examination. The student will be asked questions regarding the program parameters. The student must demonstrate subject knowledge concerning the areas covered Teaching, possess the skills that will allow him to be a great teacher,</p> <p>It must be able to use all the tools to manage children with neuropsychiatric problems. Must demonstrate that it has developed the knowledge, skills' and skills related to the teacher profile that combines a solid basic cultural education, with a particular emphasis on educational and special educational disciplines, psychological and legal, declined to education purposes and education of children with special educational needs, including those with disabilities'. To this end, the future teacher must 'seizing of children with disabilities, interpreting them in key of planning' educational teaching and ability 'to cognitive mediation, through a consistent management of the measures, in view of the enhancement of the personality' of individual children and resources available, the use of specific monitoring devices and documentation of the processes activated and the outcomes achieved.</p> <p>The student's assessment involves an oral test in which questions are asked about both the general and specific aspects of the topics discussed. The student must demonstrate that they have understood and matured the arguments. The unit of measure used will be thirty-one vote. 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. 18/23 the student must demonstrate a basic achievement of the objectives, namely the acquisition of a basic knowledge of the topics argued and the ability to operate minimal links, and to expose them with a basic linguistic-communicative skills. 24/26 the student must demonstrate a good achievement of the objectives, namely the acquisition of a robust knowledge of the topics argued and the ability to operate well-brided links, and to expose them with good linguistic-communicative skills. 27/29 the student must demonstrate to have surely achieved objectives: full knowledge of subjects, reflexive mastery, significant expressive skills. 30/30 cum laude, the student must demonstrate to have achieved excellent objectives: full knowledge of subjects, critical mastery, ability to transfer acquired skills, linguistic-communicative skill, both general and specific, absolutely pertinent and definitely noteworthy; creativity and originality.</p>
EDUCATIONAL OBJECTIVES	<p>Students completing the course will have 'a good knowledge of the pathologies related to neurology and child and adolescent psychiatry. Will acquire 'knowledge and advanced scientific training on etiopathogenic, clinical and therapeutic approaches to neurological and psychiatric diseases, considering all current biological, cellular / molecular and hereditary. The student will have 'learned the basics that will allow then to apply them on children with neuropsychiatric pathologies. Will acquire 'the capacity' to consult databases and journals, learn new techniques and advanced knowledge tools for the continuous updating of knowledge. Will acquire 'also-depth methodological skills, testologically useful and instrumental. Specific attention will be devoted to the developmental disorders of particular interest to the future teacher. Among them in particular: intellectual disability (major genetic syndromes in which 'present cognitive impairment); the autism spectrum disorders and rehabilitative methods; attention deficit and hyperactivity'; learning disabilities in an 'evolutionary; the motor disorders: cerebral palsy and neuromuscular diseases.</p>
TEACHING METHODS	frontal lessons
SUGGESTED BIBLIOGRAPHY	<p>M. Roccella: Neuropsichiatria dell'infanzia e dell'adolescenza. Padova, Piccin 2019</p> <p>M. Roccella: I disturbi dello spettro autistico.. Palermo, Carbone 215</p>

	American Psychiatric Association: DSM 5- Manuale diagnostico e statico dei disturbi mentali – Raffaello Cortina Editore 2014 M Carotenuto , M. Esposito: Il funzionamento intellettuale limite in eta' evolutiva. Monduzzi Editore 2016
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SYLLABUS

Hrs	Frontal teaching
53	4 h: Introduction to the NPI and the main causes of neurological and psychiatric disorders (pre peri and post natal and genetic causes). 4 h: Epilepsies in evolutionary age. causes and main syndromes of interest in evolutionary age .6 h: autism spectrum disorders. 6 h: Disturbances of the gold-food sphere and sleep. 6 h:Attention deficit and hyperactivity .6 h:learning disorders. 5 h :The sphincter control disorders: enuresis and encopresis. 6 h:The motor disorders: cerebral palsy and neuromuscular diseases. 5 h: Disturbances of sexuality 4 h: the abuse of child-developmental

PREREQUISITES	Knowledge of the main concepts of developmental psychology and biology fundamentals
LEARNING OUTCOMES	Knowledge and understanding: the student at the end of the course will have a good knowledge of the pathologies related to neurology and child and adolescent psychiatry. Acquire knowledge and advanced scientific training on etiopathogenetic aspects, clinical and therapeutic approaches to neurological and psychiatric diseases, considering all current neurobiological aspects. Applying knowledge and understanding: the student will be able to apply their knowledge in the field of neurological and psychiatric disorders in children. 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. Communication: the student will acquire the ability to relate to other professionals on the issues of developmental 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 neuropsychiatric pathologies. Will acquire the ability to consult databases and journals, learn new techniques and advanced knowledge tools for the continuous updating of knowledge.
ASSESSMENT METHODS	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.
EDUCATIONAL OBJECTIVES	The student at the end of the course will have a good knowledge of the pathologies related to neurology and child and adolescent psychiatry. Acquire knowledge and advanced scientific training on etiopathogenic, clinical and therapeutic approaches to neurological and psychiatric diseases, considering all current biological, cellular / molecular and hereditary aspects. The student will have mastered the basics that allow their subsequent application on children and adolescents with neuropsychiatric pathologies. Will acquire the ability to consult databases and journals, learn new techniques and advanced knowledge tools for the continuous updating of knowledge. Will acquire also in-depth methodological skills, testologico useful and instrumental to the development psychologist .
TEACHING METHODS	Frontal lessons
SUGGESTED BIBLIOGRAPHY	Roccella M. Neuropsichiatria dell'infanzia e dell'adolescenza. Padova, Piccin 2019 APPROFONDIMENTO MONOGRAFICO: Carotenuto M., Esposito M. Il Funzionamento Intellettivo Limite in Eta' Evolutiva. Milano, Monduzzi Editoriale, 2016

SYLLABUS

Hrs	Frontal teaching
5	Introduction to Developmental Neuroscience.
5	Developmental paths: critical neurodevelopmental events.
5	Principles of Therapy in Child Neuropsychiatry.

SYLLABUS

Hrs	Frontal teaching
5	Neurodevelopmental disabilities: from the development profile to the therapeutic project.
5	Autism spectrum disorders.
5	Intellectual disability.
5	Genetic neurodevelopmental disorders
4	Attention deficit hyperactivity disorder
4	Specific learning disorder.
5	Epilepsy in children and adolescents
5	Neuromotor disabilities: cerebral palsy and neuromuscular disorders.
40	Introduction to Developmental Neuroscience. Developmental paths: critical neurodevelopmental events. Principles of Therapy in Child Neuropsychiatry. Neurodevelopmental disabilities: from the development profile to the therapeutic project. Autism spectrum disorders. Intellectual disability. Genetic neurodevelopmental disorders. Attention deficit hyperactivity disorder. Specific learning disorder. Epilepsy in children and adolescents. Neuromotor disabilities: cerebral palsy and neuromuscular disorders.