



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2015/2016		
MASTER'S DEGREE (MSC)	MEDICINE AND SURGERY		
SUBJECT	PAEDIATRICS		
TYPE OF EDUCATIONAL ACTIVITY	B		
AMBIT	50414-Discipline pediatriche		
CODE	93516		
SCIENTIFIC SECTOR(S)	MED/38		
HEAD PROFESSOR(S)	GIUFFRÈ MARIO	Professore Associato	Univ. di PALERMO
	CORSELLO GIOVANNI	Professore Ordinario	Univ. di PALERMO
OTHER PROFESSOR(S)			
CREDITS	6		
INDIVIDUAL STUDY (Hrs)	90		
COURSE ACTIVITY (Hrs)	60		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	6		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	<p>CORSELLO GIOVANNI Tuesday 10:00 12:00 Dipartimento Materno Infantile Via Alfonso Giordano, 390127 Palermo</p> <p>GIUFFRÈ MARIO Monday 11:00 12:00 Dipartimento Materno Infantile, Via Alfonso Giordano 3, 90127 Palermo</p> <p>Wednesday 11:00 12:00 Padiglione 11, CEFPAS, Caltanissetta</p>		

DOCENTE: Prof. GIOVANNI CORSELLO- Sede *CHIRONE*, - Sede *IPPOCRATE*

PREREQUISITES	
LEARNING OUTCOMES	conoscenze capacità di comprensione; capacità di applicare conoscenza e comprensione; autonomia di giudizio; abilità comunicative; capacità di apprendimento.
ASSESSMENT METHODS	prova orale
EDUCATIONAL OBJECTIVES	acquisire le conoscenze di base dello sviluppo del neonato e del bambino sino all'adolescenza. acquisire competenze cliniche di base nel riconoscimento delle principali classi di patologie di interesse pediatrico. acquisire nozioni di base in tema di prevenzione e di nutrizione lungo l'età evolutiva. acquisire elementi di base nelle principali patologie di interesse chirurgico del neonato e e del bambino. valutare gli elementi di base della salute mentale dell'età evolutiva.
TEACHING METHODS	lezioni e tirocinio clinico
SUGGESTED BIBLIOGRAPHY	Nelson Manuale di Pediatria: Burgio, Trattato di Pediatria

DOCENTE: Prof. MARIO GIUFFRÉ- Sede HYPATIA

PREREQUISITES	Knowledge of principal informations regarding anatomy, fisiology and pathology, biology and genetics, clinical biochemistry, pharmacology and semeiotics.
LEARNING OUTCOMES	<p>Knowledge and understanding: knowledge and understanding of the principal informations of pediatric disciplines regarding physio-pathology, diagnosis, treatment and prevention for the principal diseases in developmental age, since birth to adolescence.</p> <p>Applying knowledge and understanding: ability to identify the principal needs in different stages of developmental age and in specific physio-patological conditions.</p> <p>Making judgments: ability to evaluate consequences of specific clinical conditions and to adopt adequate treatments and to recognize clinical conditions requiring specialistic consultation.</p> <p>Communication: ability to communicate in a clear and exhaustive way to colleagues, patient and parents the planned diagnostic and therapeutic pathway, risks and opportunities, in order to adopt aware and coherent choices; ability to face the complex situations with a multidisciplinary approach, sharing objectives and intervention strategies.</p> <p>Lifelong learning skills: ability to update knowledge in specific fields of pediatric sciences with development of ratiocinative and argumentative skills through international literature.</p>
ASSESSMENT METHODS	<p>Oral examination finalized to verify the required knowledge and competence through at least 2 questions formulated in order to evaluate the requested learning results verifying the acquired knowledges, the elaboration ability and the argumentative skills. The evaluation is expressed on a scale up to 30 cum laude, based on the following criteria:</p> <ul style="list-style-type: none">- Excellent: 30-30 cum laude. Excellent knowledge and understanding, excellent communication, argumentative skills and use of technical language.- Very good: 27-29. Very good knowledge and understanding, very good communication, argumentative skills and use of technical language.- Good: 24-26. Good knowledge and understanding, good communication, argumentative skills and use of technical language.- Satisfactory: 21-23. Limited basic knowledge and understanding, acceptable communication, argumentative skills and use of technical language.- Sufficient: 18-20. Minimal basic knowledge and understanding, poor communication and argumentative skills.- Fail: 1-17. Insufficient knowledge and understanding, insufficient communication and argumentative skills.
EDUCATIONAL OBJECTIVES	The course aims at transmitting knowledge and competence in the fields of clinical methodology prevention and treatment of pediatric diseases from birth to adolescence, with special refer to neonatology, endocrinology, auxology, clinical genetics, prevention strategies, pediatric diseases of gastrointestinal, cardiac, respiratory, genitourinary tracts, central nervous system and hemato-oncologic diseases in developmental age.
TEACHING METHODS	Frontal teaching, training and simulation sessions, clinical examinations.
SUGGESTED BIBLIOGRAPHY	Burgio et al. Pediatria essenziale. UTET Marcdante et al. Nelson Manuale di Pediatria. Elsevier

SYLLABUS

Hrs	Frontal teaching
1	Introduction to medicine of developmental age and pediatric semeiotic.
4	Assistance to the newborn at birth. The healthy newborn. Prematurity and low birth weight. Perinatal asphyxia. Respiratory distress syndrome.
3	Neonatal jaundice.
2	Neonatal infections and sepsis.
2	Neonatal screenings. Vaccinations.
2	Growth in developmental age. Growth disorders.
2	Puberty: timing, early onset and delay.
4	Endocrine diseases. Diabetes mellitus. Diabetes insipidus. Hypothyroidism.
2	Inborn errors of metabolism.
6	Genetic diseases and congenital malformations. Prenatal diagnosis and genetic counselling.
2	Congeniale and acquired anemias. Thrombocytopenia. Coagulation defects.
3	Nutritional deficits. Disorders of digestion and absorption. Celiac disease.
3	Bowel inflammatory diseases. Intolerance to cow milk proteins. Gastro-esophageal reflux.
2	Principal disorders of central nervous system in developmental age.
2	Congenital and acquired heart diseases.
3	Diseases of kidneys and urinary tract. Glomerulonephritis and nephrotic syndrome.
4	Principal respiratory diseases in developmental age. Pneumonitis. Asthma. Cystic fibrosis.

SYLLABUS

Hrs	Frontal teaching
4	Deficits of immune system. Pediatric rheumatology. Vasculitis.
3	Principal neoplasias in developmental age. Leukemias and lymphomas. Abdominal masses.
2	Disorders of sexual development.
Hrs	Practice
4	Pediatric emergencies: basic life support and defibrillation and obstruction by foreign body.