



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata		
ACADEMIC YEAR	2022/2023		
BACHELOR'S DEGREE (BSC)	SPEECH THERAPY (QUALIFYING FOR THE PROFESSION OF SPEECH THERAPIST)		
INTEGRATED COURSE	CLINICAL INTERDISCIPLINARY SCIENCES - INTEGRATED COURSE		
CODE	15012		
MODULES	Yes		
NUMBER OF MODULES	3		
SCIENTIFIC SECTOR(S)	MED/28, MED/09, MED/38		
HEAD PROFESSOR(S)	GIULIANA GIOVANNA	Professore Ordinario	Univ. di PALERMO
OTHER PROFESSOR(S)	GIULIANA GIOVANNA	Professore Ordinario	Univ. di PALERMO
	ACCOMANDO SALVATORE	Ricercatore	Univ. di PALERMO
	SEIDITA AURELIO	Ricercatore a tempo determinato	Univ. di PALERMO
CREDITS	10		
PROPAEDEUTICAL SUBJECTS	84205 - ANATOMY 03347 - PHYSIOLOGY		
MUTUALIZATION			
YEAR	3		
TERM (SEMESTER)	1° semester		
ATTENDANCE	Mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	ACCOMANDO SALVATORE Monday 16:00 17:00 da concordare GIULIANA GIOVANNA Tuesday 12:00 13:00 Ufficio Prof. Giuliana presso plesso di Odontostomatologia Thursday 12:00 13:00 Ufficio Prof. Giuliana presso plesso di Odontostomatologia SEIDITA AURELIO Monday 10:00 12:30 AOUP 'Paolo Giaccone', Edificio 25 C, Via del Vespro 141, 90127, Palermo Friday 15:00 18:00 UOC di Medicina Interna, Ospedale V. cervello, Via Trabucco 180, 90100, Palermo		

DOCENTE: Prof.ssa GIOVANNA GIULIANA

PREREQUISITES	The student must possess basic knowledge of anatomy and pathophysiology in order to learn during the course of teaching the basics that will acquire 'in relation to diseases of Internal Medicine, the differential diagnosis and their correlations with clinical.
LEARNING OUTCOMES	Conoscenza e capacita' di comprensione Acquisizione di concetti che permettano di affrontare in maniera completa ed adeguata il paziente, adulto o in eta' evolutiva, affetto dalle patologie sistemiche di piu' frequente riscontro. Conoscenza del rapporto fra problematiche odontostomatologiche e disturbi del linguaggio. Capacita' di applicare conoscenza e comprensione Capacita' di applicare le conoscenze e tradurle nella formulazione di adeguate strategie di intervento. Capacita' di identificare le problematiche odontostomatologiche ed il loro rapporto con i disturbi del linguaggio. Autonomia di giudizio Essere in grado di saper valutare in modo autonomo le problematiche relative alla pratica clinica inerenti la cura, riabilitazione, educazione e prevenzione delle patologie della voce, del linguaggio e della comunicazione. Individuare le condizioni cliniche che rendono utile e necessario l'intervento dell'odontoiatra. Abilita' comunicative Capacita' di spiegare, in modo semplice ma immediato le problematiche inerenti le tematiche in oggetto, di sapersi interfacciare con il personale medico-sanitario, con il singolo paziente e i familiari di riferimento al fine di ottenere un'ottimale compliance, requisito essenziale per il successo terapeutico. Capacita' d'apprendimento Capacita' di utilizzare gli strumenti idonei atti a realizzare l'autoaggiornamento ed a partecipare alle iniziative di aggiornamento continuo nell'ambito professionale.
ASSESSMENT METHODS	Tipologia della prova: Prova orale. La prova mira a valutare se lo studente possieda conoscenza e comprensione degli argomenti del programma del corso integrato, autonomia di giudizio, capacita' di applicare le conoscenze acquisite, linguaggio disciplinare specifico. Numero minimo di domande: Lo studente dovra' rispondere ad un minimo di tre domande, poste oralmente, che verteranno su tutti gli argomenti del programma del corso integrato, con riferimento ai testi consigliati. Valutazione e suoi criteri: La valutazione e' in trentesimi, come riportato nello schema che segue. - Voto: 30 - 30 e lode – Valutazione: Eccellente – ECTS grades: Excellent (A – A+). Esito: Eccellente conoscenza dei contenuti dell'insegnamento. Lo studente dimostra elevata capacita' analitico-sintetica ed e' in grado di applicare le conoscenze per risolvere problemi di elevata complessita'. - Voto: 27 - 29 – Valutazione: Ottimo – ECTS grades: Very good (B). Esito: Ottima conoscenza dei contenuti dell'insegnamento e ottima proprieta' di linguaggio. Lo studente dimostra capacita' analitico-sintetica ed in grado di applicare le conoscenze per risolvere problemi di complessita' media e, in taluni casi, anche elevata. - Voto: 24 - 26 – Valutazione: Buono – ECTS grades: Good (C). Esito: Buona conoscenza dei contenuti dell'insegnamento e buona proprieta' di linguaggio. Lo studente e' in grado di applicare le conoscenze per risolvere problemi di media complessita'. Voto: 21 - 23 – Valutazione: Discreto – ECTS grades: Satisfactory (D). Esito: Discreta conoscenza dei contenuti dell'insegnamento, in taluni casi limitata agli argomenti principali. Accettabile capacita' di utilizzare il linguaggio specifico della disciplina e di applicare autonomamente le conoscenze acquisite. - Voto: 18 – 20 – Valutazione: Sufficiente – ECTS grades: Sufficient E Esito: Minima conoscenza dei contenuti dell'insegnamento, spesso limitata agli argomenti principali. Modesta capacita' di utilizzare il linguaggio specifico della disciplina e di applicare autonomamente le conoscenze acquisite. - Voto: 1 - 17 – Valutazione: Insufficiente* – ECTS grades: Fail (F). Esito: Non possiede una conoscenza accettabile dei contenuti principali dell'insegnamento. Scarsissima o nulla capacita' di utilizzare il linguaggio specifico della disciplina e di applicare autonomamente le conoscenze acquisite. Esame non superato.
TEACHING METHODS	Lectures

MODULE INTERNAL MEDICINE

Prof. AURELIO SEIDITA

SUGGESTED BIBLIOGRAPHY

Renato Massini, Medicina Interna (VI ed.), 2019, McGraw-Hill Education
 Raffaele Antonelli Incalzi, Medicina Interna per Scienze Infermieristiche, 2021, Piccin Editore
 Claudio Rugarli, Medicina Interna Sistemica (VIII ed.), 2021, Edra Editore
 Ricerche bibliografiche consigliate dal Docente
 Appunti e materiale di lezione

AMBIT	10320-Primo soccorso
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

Knowledge and understanding: the objective of the Module is the student's knowledge of taxonomy, epidemiology, etiopathogenesis, natural history, clinical phenomenology, differential diagnosis, and basic therapeutic management of the most frequent acute and chronic pathologies in Internal Medicine.
 The student must also acquire the ability to interpret the clinical, diagnostic, and prognostic significance of some laboratory (blood gas analysis, blood count and coagulation, liver and kidney function tests, metabolic compensation tests) and instrumental (spirometry, radiological and ultrasound diagnostics, diagnostic and therapeutic paracentesis and thoracentesis) investigations useful in the management of some Internal Medicine pathologies.

Ability to apply knowledge: at the end of the course, thanks to the above-mentioned knowledge, the student must be able to correctly perform differential diagnosis between diseases with common symptoms and signs. The knowledge of the main diagnostic methods and the main types of drugs used, respectively, for the diagnosis and treatment of Internal Medicine pathologies, will guarantee the student a transversal ability to interpret the patient's general state of health and, therefore, to adapt specific professional skills to the "unique" and "specific" status of each patient.

Autonomy of judgment: at the end of the course, the student must be able to recognize the main pathologies of Internal Medicine field, independently evaluate the results of the investigations carried out and understand the basic principles of the therapy practiced, to be able to modulate his own professional activity on the specific conditions of the patient.

Communication skills: the main objective is the acquisition of the ability to explain, in a simple, immediate, and comprehensive way, the knowledge acquired. The acquisition of this competence will guarantee the student the ability to interface with the patient and his family members. In addition, learning the scientific language and the ability to expose diagnostic results will allow the student to relate correctly with other professionals in the health sector.

Learning skills: at the end of the course the student must be able to correctly apply the information for a diagnosis of the major Internal Medicine pathologies. In addition, the knowledge acquired must allow him to consult the scientific publications of the discipline and to participate in update initiatives in the specific professional field.

Verification will be carried out with a final oral exam.

SYLLABUS

Hrs	Frontal teaching
4	Respiratory system: - dyspnea and cyanosis: physiopathology and clinic; - acute and chronic, partial and global respiratory failure; - pneumonia; - obstructive pathologies of the respiratory system (bronchial asthma, chronic bronchitis and its sequelae).
6	Cardiovascular system: - pathophysiology of the cardiovascular system; - primary and secondary arterial hypertension; - ischemic heart disease; - heart failure.
6	Digestive system: - diseases of the esophagus, stomach and duodenum; - malabsorption; - chronic inflammatory bowel diseases; - viral and non-viral, acute and chronic hepatitis; - liver cirrhosis and its complications: esophageal varices, ascites, spontaneous bacterial peritonitis, hepatic encephalopathy.
4	Endocrine-metabolic system: - diabetes mellitus and its complications - the metabolic syndrome.
4	Nephrology: - glomerulonephritis and nephrotic syndrome; - acute and chronic renal failure.

3	Hematology: - anemias.
3	Neurology: - toxic-metabolic encephalopathies.

MODULE PAEDIATRICS

Prof. SALVATORE ACCOMANDO

SUGGESTED BIBLIOGRAPHY

Nelson Pediatria 2012 ISBN: 9788821430718

AMBIT	10322-Scienze medico chirurgiche
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

Students have to know physiological process of the growth and the main pathological conditions of the pediatric age.

SYLLABUS

Hrs	Frontal teaching
10	Newborn adaptation, Breast feeding, Percentage of growth, Pediatric Auxology
5	Failure to thrive, CMPA, Celiac Disease, IBD, Food Intolerances
5	Metabolic screenings, Cystic Fibrosis, Inborn Hypothyroidism, Phenilketonuria.
5	Pediatric Haematology: Anemias classification, ALL.
5	Kawasaki Disease, Henoch Schoenlein Purpura

MODULE ODONTO-STOMATOLOGICAL DISEASES

Prof.ssa GIOVANNA GIULIANA

SUGGESTED BIBLIOGRAPHY

Polimeni A. Odontoiatria pediatrica. Elsevier, 2012.

Limeback H. Odontoiatria preventiva integrata. EMSI Edizioni Scientifiche Internazionali, Roma, 2015

AMBIT	10324-Scienze interdisciplinari e cliniche
INDIVIDUAL STUDY (Hrs)	60
COURSE ACTIVITY (Hrs)	40

EDUCATIONAL OBJECTIVES OF THE MODULE

The student must acquire theoretical knowledge and diagnostic and clinical abilities for the prevention and cure of odontostomatological pathologies which occur in developmental ages.

SPECIFIC OBJECTIVES:

- 1) Knowledge of the development and growth of facial cranial bones
- 2) Knowledge of the most common odontostomatological pathologies which occur in childhood (caries, dental anomalies, malocclusion, periodontitis)
- 3) Knowledge of the correlation between oral symptoms and systemic pathologies in childhood
- 4) Knowledge of child and adolescent psychology and practice of contact with children
- 5) Specific knowledge of prevention of odontostomatological pathologies and ability to use techniques of motivation, prescription and application
- 6) Knowledge of the signs and prevention techniques of caries which occur in developmental ages
- 7) Knowledge of caries treatment and pulpotomy in primary teeth and in young permanent teeth
- 8) Specific knowledge of specific prevention of orthodontic problems and interceptive orthodontics
- 9) Specific knowledge of medications prescribable for children
- 10) Specific knowledge of dental traumatology
- 11) Knowledge of local anaesthesia and locoregional anaesthesia for children and knowledge of conscious sedation
- 12) Knowledge of special pediatric surgery

SYLLABUS

Hrs	Frontal teaching
4	Psychology in developmental ages: behaviour and communication techniques; Relationship children/parents; Management of uncollaborative children; Characteristics of the pediatric dentistry environment.
4	First pediatric dentistry visit: Taking a Case History; Clinical Examination; Functional/operational Examination.
2	Facial cranial bone development: Dental embryology; Eruption and growth of deciduous teeth; Eruption of permanent teeth; Mixed teething; Anomalies in eruption.
4	Morphology of teeth; Dental anomalies.
4	Oral hygiene; Dietary hygiene; Preventative measures (Flouride, sealants).
8	Pathologies common in childhood: Dental caries; Congenital malformations; Gingival and periodontal diseases; Diseases of the oral mucosa.
4	Case history and clinical semiotics: Clinical records; Treatment Plan; Additional radiology and diagnostic investigations; Prescription of pediatric medications.
4	Conservative treatment in pediatric dentistry: Dental materials; Isolation of the operating field; Preparation and filling of cavities.
4	Treatment of pulpitis in deciduous teeth: Pulpotomy; Pulpectomy.
4	Dentoalveolar trauma in pediatric dentistry: Epidemiology, classification, treatment.
2	Temporomandibular disorder in pediatric dentistry: Epidemiology, cause, clinical exam, treatment.
2	Oral surgery in children: anaesthesia of children; Conscious sedation and sedation with drugs; Extraction of deciduous teeth; Frenulectomy; Treatment of remaining teeth, cysts and mucocoeles - Germectomy - Reimplants.
2	Occlusal development: Causes of malocclusion/habits; Interceptive orthodontic treatment; Myofunctional therapy; Space maintainers; Prosthetic rehabilitation in children.
1	Systemic diseases and oral diseases; focal diseases.
1	Dentistry for disabled children.