

COURSE OF STUDY: "MEDICINE AND SURGERY" - AK

ACADEMIC YEAR: 2024/2025

INTEGRATE COURSE OF: CLINICAL MEDICINE AND SURGERY OF THE SENSE ORGAN (9 CFU)

ACADEMIC SUBJECTS:

AUDIOLOGY AND PHONiatrics

MAXILLO-FACIAL SURGERY

OPHTHALMOLOGY

DENTAL DISEASES

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MAIN INFORMATION ON TEACHING	
YEARS OF STUDY	<i>IV year</i>
Academic calendar (starting and ending date)	<i>II SEMESTER (MARCH-JUNE)</i>
Credits (CFU/ETCS):	<i>9</i>
SSD	<i>MED 28, MED 29, MED 30, MED 31, MED 32</i>
LANGUAGE	<i>Italian</i>
MODE OF ATTENDANCE	<i>YES</i>
Professor/ Lecturer	
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Virtual room	
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ALDO MORO

Virtual room	
Office Hours (and modalities: e.g., by appointment, online, etc.)	PRIOR AGREEMENT BY E-MAIL



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Work schedule			
HOURS			
TOTAL	Lectures	Hands-on (laboratory, workshops, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
<i>108</i>	<i>84</i>	<i>24</i>	<i>210</i>
CFU/ETCS			
<i>9</i>	<i>7</i>	<i>2</i>	



Learning Objectives	<p><i>The qualifying characteristics of the doctor to be trained include:</i></p> <ol style="list-style-type: none"><i>1) Good human contact skills (communication skills);</i><i>2) Capacity for self-learning and self-evaluation (continuing education);</i><i>3) Ability to independently analyse and solve problems connected with the problems of the Integrated Course subjects on the basis of scientific evidence (evidence based medicine). scientific evidence (evidence based medicine);</i><i>4) Aptitude for constant updating of knowledge and skills, and possession of the methodological and cultural foundations for to the acquisition autonomous acquisition and critical evaluation of new knowledge and skills (continuing professional development);</i><i>5) Good working practice interdisciplinary and interprofessional (interprofessional education);</i><i>6) Thorough knowledge of the methodological foundations necessary for a correct approach to scientific research in the medical field, together with autonomous use of the information technologies technologies indispensable in clinical practice.</i>
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Course prerequisites	Knowledge of the anatomy and physiology of the organs of otorhinolaryngological, audiological-phoniatric, ophthalmological, odontostomatology and maxillo-facial interest
Teaching strategy	Oral frontal lessons. 24 hours of practical work in the Ear Nose and Throat and Ophthalmology Units
Expected learning outcomes in terms of	<p>At the end of the course the student must have developed specific competences in relation to the treated arguments.</p> <p>In respect to the Dublin Descriptor 1 (knowledge and comprehension ability) the student must have acquired knowledge of the pathologies involving the organs of otorhinolaryngological, audiological-phoniatric, ophthalmological, odontostomatology and maxillo-facial interest.</p> <p>The student must be able to acquire the history the patient, to perform physical examination and to formulate diagnostic hypothesis (DD2).</p> <p>Finally has to develop critical and judgement abilities that will allow to ask for and interpret imaging, laboratory and functional additional exams (DD3-5).</p>

<p>Knowledge and understanding on:</p>	<p><i>Otorhinolaryngology</i></p> <ul style="list-style-type: none"> • Anatomy and physiology of the otolaryngological districts • Ent semeiotics • Pathology of the outer, middle and inner ear • Facial nerve palsy , temporal bone tumours , hearing aids and cochlear implants • Pathologies of the nose and paranasal sinuses, pharynx, salivary glands, larynx • Neck lesions, airway obstruction, tracheotomy <p><i>Ophthalmology</i></p> <ul style="list-style-type: none"> • Anatomy, Embryology and Physiology of the Visual Apparatus • Refractive defects, outlines of refractive surgery • Pathologies of the conjunctiva, cornea (keratitis, keratopathy, corneal transplantation) • Pathologies of the crystalline lens and anterior and posterior uveitis. • Retinal detachment, • Retinal vascular diseases (diabetic retinopathy, arterial venous occlusions) • Maculopathies. • Diseases of the optic nerve (papilledema, neuritis, tumours), optic chiasma and retro-optic pathways • Glaucoma (chronic, acute and congenital) • Pathologies of the eyelid • Pathologies of the lacrimal apparatus, • Pathologies of the orbit (exophthalmos). • Melanoma of the uvea • Eye diseases of paediatric interest: neonatal conjunctivitis, retinopathy of the premature, congenital glaucoma, retinoblastoma, leukocoria • Concomitant and incomitant strabismus, diplopia • Pupillary motility alterations <p><i>Audiology e Phoniatics</i></p> <ul style="list-style-type: none"> • General concepts of acoustic physics • decibels, phon, mel, hertz, crosstalk curves • sensitivity threshold, pain and annoyance threshold • Acoumetry: testing with tuning forks • Audiometry: tone and speech • Impedance audiometry, acoustic evoked potentials, OAEs • Semiology of the vestibular system and diagnosis of vertigo • Communication notes, phonetics and phonology. • Phones and phonemes. • Dysphonias, dysphagia, dyslalia and dysarthria • Communication disorders caused by deafness <p><i>Clinical Dentistry</i></p> <ul style="list-style-type: none"> • Definition and scope of odontostomatology • Dental and periodontium anatomy • Caries, granulomas, cysts, abscesses and phlegmons
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Textbooks	<p>Manuale di Chirurgia (Otorinolaringoiatria) Autore Minni Casa Editrice UTET</p> <p>Clinica dell'apparato Visivo, Autori: Azzolini C., Carta F., Marchinigi., Menchini U., Casa Editrice: Elsevier Masson</p> <p>Audiologia E Foniatria R. Albera O. Schindler Edizioni Minerva Medica</p> <p>Patologia e Medicina Orale della Società Italiana di Patologia e Medicina Orale (SIPMO). AAVV Edra editore</p> <p>Manuale di Patologia e Medicina Orale. G. Ficarra – McGraw-Hill</p> <p>Trattato di tecnica chirurgica maxillo facciale Di SICMF (Società italiana di Chirurgia Maxillo Facciale) AAVV</p>
Notes, additional materials	The slides presented and additional material will be given to the students.

Assessment	
Assessment methods	<p>Oral exam</p> <p>The student will be examined by the full panel of teachers (usually covering all the teaching modules). The final note will be the arithmetical mean weighted according to the CFUs of each module.</p> <p>The exam will be considered sufficient if the average will be greater than 17,5 and the student will be sufficient in at least 50% of the CFU.</p>
Assessment criteria	<p>During the exam will be evaluated the following abilities:</p> <ul style="list-style-type: none"> • Knowledge and comprehension ability • Judgment ability • Communication abilities • Interpretation and critical capacities
Final exam and grading criteria	<p><i>The student must demonstrate to have knowledge of the arguments, to understand the clinical problems and the autonomously develop clinical judgment.</i></p> <p><i>1) Failure of the exam: insufficient knowledge of the topics of the course, insufficient evaluation and argumentation ability, insufficient basic medical knowledge.</i></p> <p><i>2) 18 to 21: sufficient or something more than sufficient knowledge of the topics of the course, sufficient evaluation and argumentation ability, sufficient basic medical knowledge;</i></p> <p><i>3) 22 to 24: basic knowldge of the the topics of the course, basic evaluation and argumentation abilities;</i></p> <p><i>4) 25 to 27: good knowledge the topics of the course, good evaluation and argumentation abilities, good medical knowledge;</i></p> <p><i>5) 28 to 30: very good/excellent knowledge the topics of the course and very good evaluation and argumentation abilities;</i></p> <p><i>6) 30cum laude: impressive knowledge the topics of the course and evaluation and argumentation abilities;</i></p>
Further Information	
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