

ANATOMY AND PHYSIOLOGY OF EAR, NOSE, AND THROAT

(1) GENERAL

SCHOOL	Health Sciences		
ACADEMIC UNIT	Speech and Language Therapy		
LEVEL OF STUDIES	Undergraduate Programme (Level 6)		
COURSE CODE	slt – 12	SEMESTER	1
COURSE TITLE	Anatomy and Physiology of Ear, Nose and Throat		
INDEPENDENT TEACHING ACTIVITIES <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>		WEEKLY TEACHING HOURS	CREDITS
Lectures		2	5
Applied/ Laboratory practice		1	
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	General Background		
PREREQUISITE COURSES:			
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No		
COURSE WEBSITE (URL)	https://moodle.ioa.teiep.gr		

(2) LEARNING OUTCOMES

<p>Learning outcomes <i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.</i></p> <p>Consult Appendix A</p> <ul style="list-style-type: none"> • Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area • Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B • Guidelines for writing Learning Outcomes
<p>Good knowledge of anatomy and physiology of ear, nose and throat, as also of the basic systems. The course is a basic introductory course in the structure and function of the human body. The students, at the end of the semester, should have a good understanding of the structure of the body and the various systems eg motor, neurological, respiratory, circulatory, immune and hematopoietic system, and basic principles of their function.</p> <p>The aim of the course is the understanding and knowledge of the anatomy and function of audio-phonetic organs (oropharynx, pharynx, larynx, nose and paranasal sinuses, ears, peripheral and central auditory tract, esophagus, tracheobronchial tree) with emphasis on voice production, hearing and swallowing.</p> <p>Upon successful completion of the course, the student will be able to:</p>

- Recognize and describe the anatomy and physiology of the ENT. (Levels 1 & 2: Knowledge & Abilities)
- Distinguish the differences between the body's systems and their basic principles of physiology and function. (Levels 1 & 2: Knowledge Remembering / & Understanding)

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

<i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i>	<i>Project planning and management</i>
<i>Adapting to new situations</i>	<i>Respect for difference and multiculturalism</i>
<i>Decision-making</i>	<i>Respect for the natural environment</i>
<i>Working independently</i>	<i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i>
<i>Team work</i>	<i>Criticism and self-criticism</i>
<i>Working in an international environment</i>	<i>Production of free, creative and inductive thinking.....</i>
<i>Working in an interdisciplinary environment</i>	<i>Others.....</i>
<i>Production of new research ideas</i>	

- *Team work*
- *Working in an interdisciplinary environment*
- *Production of new research ideas*
- *Project planning and management*
- *Production of free, creative and inductive thinking*

(3) SYLLABUS

1. Systems of human body, Part 1
2. Systems of human body, Part 2
3. Anatomy of the external and the middle ear
4. Anatomy of the inner ear
5. Oral cavity and pharynx
6. Larynx
7. Anatomy of nose and paranasal cavities
8. Anatomy of the neck
9. Physiology of the ear
10. Physiology of the larynx
11. Physiology of the nose and the paranasal
12. Physiology of the swallowing
13. Esophagus and trachea

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face to face	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	Power point presentations e-class Artificial human body anatomical models	
TEACHING METHODS <i>The manner and methods of teaching are described in detail.</i>	Activity	Semester workload
	Lectures	26

<p><i>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i></p> <p><i>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i></p>	Applied and Laboratory Practice	13
	Essay writing	20
	Personal study	66
	Course total	125
STUDENT PERFORMANCE EVALUATION		
<p><i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<p>I. Written or oral final exam: 80 to 100%</p> <p>Multiple choice and short answers</p> <p>II. Written work: up to 20%</p>	

(5) ATTACHED BIBLIOGRAPHY

<p>- <i>Suggested bibliography:</i></p> <ul style="list-style-type: none"> • Ωτορινολαρυγγολογία, Στοιχεία Ανατομίας Φυσιολογίας και Παθολογίας Ναυσικά Ζιάβρα, Αντώνιος Σκεύας, University Studio Press • Current Ωτορινολαρυγγολογία Χειρουργική Κεφαλής και Τραχήλου Anil K. Lalwani, Εκδόσεις Πασχαλίδης, Broken Hill. • Εικονογραφημένο Εγχειρίδιο Ανατομίας Λόγου Κατάποσης και Ακοής David H. McFarland, Εκδόσεις Πασχαλίδης, Broken Hill. • Shah, J. P., Patel, S. G., & Singh, B. (2012). Head and neck surgery and oncology. Elsevier Health Sciences. • Bailey, B., Calhoun, K. (2010). Άτλας Χειρουργικής Κεφαλής και Τραχήλου Ωτορινολαρυγγολογία. Εκδόσεις: Πασχαλίδη <p>- <i>Related academic journals:</i></p> <ul style="list-style-type: none"> • Otolaryngology Head and Neck Surgery https://journals.sagepub.com/home/oto • Journal of Laryngology and Otology https://www.jlo.co.uk • European Archives of Oto-Rhino-Laryngology https://www.springer.com/medicine/otorhinolaryngology/journal/405 • Journal of Voice https://www.jvoice.org • Rhinology https://www.rhinologyjournal.com
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