

## PHONETICS – PHONOLOGY

### (1) GENERAL

<b>SCHOOL</b>	HEALTH SCIENCES	
<b>ACADEMIC UNIT</b>	SPEECH LANGUAGE THERAPY	
<b>LEVEL OF STUDIES</b>	Undergraduate Programme (Level 6)	
<b>COURSE CODE</b>	slt- 15	<b>SEMESTER</b> 1
<b>COURSE TITLE</b>	PHONETICS – PHONOLOGY	
<b>INDEPENDENT TEACHING ACTIVITIES</b> <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>	<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>
Lectures	2	5
Applied/Laboratory Practice	1	
<b>COURSE TYPE</b> <i>general background, special background, specialised general knowledge, skills development</i>	General Background	
<b>PREREQUISITE COURSES:</b>		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	Greek	
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	No	
<b>COURSE WEBSITE (URL)</b>	<a href="https://moodle.ioa.teiep.gr/course/index.php?categoryid=11">https://moodle.ioa.teiep.gr/course/index.php?categoryid=11</a>	

### (2) LEARNING OUTCOMES

<p><b>Learning outcomes</b></p> <p><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><i>Consult Appendix A</i></p> <ul style="list-style-type: none"> <li>• <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i></li> <li>• <i>Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i></li> <li>• <i>Guidelines for writing Learning Outcomes</i></li> </ul> <p>This course is introductory to the concepts of phonetics and phonology. Furthermore, it introduces to the students to the principles of the study of phonetic science with an emphasis on applied phonetics.</p> <p>The student will have a comprehensive understanding of the theoretical approaches to the concepts of the acoustic phonetics, the analysis, the speech production and perception, the articulatory phonetics, the phonetic transcription, the knowledge of the International Phonetic Alphabet (IPA), the diacritic symbols, the phonetic analysis, the syllabic structure, the phonology rules, the articulation, the supra-segmental features, the phonetic transcription of contiguous speech, and the phonetic transcription of speech and language disorders.</p> <p>In addition, this course, give to the students the opportunity to acquire a holistic understanding of the theoretical approaches to the science of linguistics. Finally, the students will have the ability to understand the connection between the language and the brain, the language and the computers, the language and the social relationships.</p>
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In addition, the students are trained in phonology and phonetic differences as well as in phonological processes of the language. Finally, the aim of the course is to understand the importance of phonetics and phonology in the field of speech therapy and how the basic units of speech and language function for the phonemes themselves.

**Upon successful completion of the course, the student will be able to:**

- acquire a comprehensive knowledge for phonetic and phonology and understand how phonetics works as applied and theoretical science. (Levels 1 & 2: Knowledge/Remembering & Understanding)
- acquire skills of different types of phonetic transcription and form the analytical way of thinking that will help him diagnosing the disorders resulting from speech deficits. (Levels 2-6: Understanding, Applying, Analyzing, Creating & Evaluating)
- learn how to manage phonetic (spectrometer, etc.), electro-acoustic and electro-optical digital technology instruments for speech recording (audio, video), and voice analysis software. (Levels 1, 2, 3 & 5: Knowledge Knowledge/Remembering, Understanding, Applying & Creating)
- characterize, analyze and acquire knowledge of phonology and the development of the phonological system in Greek and other languages (Levels 3-6: Applying, Analysing, Creating & Evaluating)

**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?*

<p><i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i></p> <p><i>Adapting to new situations</i></p> <p><i>Decision-making</i></p> <p><i>Working independently</i></p> <p><i>Team work</i></p> <p><i>Working in an international environment</i></p> <p><i>Working in an interdisciplinary environment</i></p> <p><i>Production of new research ideas</i></p>	<p><i>Project planning and management</i></p> <p><i>Respect for difference and multiculturalism</i></p> <p><i>Respect for the natural environment</i></p> <p><i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i></p> <p><i>Criticism and self-criticism</i></p> <p><i>Production of free, creative and inductive thinking</i></p> <p><i>.....</i></p> <p><i>Others...</i></p>
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<ul style="list-style-type: none"> <li>• <i>Adapting to new situations</i></li> <li>• <i>Decision-making</i></li> <li>• <i>Working independently</i></li> <li>• <i>Team work</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Production of new research ideas</i></li> <li>• <i>Respect for difference and multiculturalism</i></li> <li>• <i>Production of free, creative and inductive thinking</i></li> </ul>
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**(3) SYLLABUS**

1. Introduction to Phonetic Science.
2. Basic Concepts of Phonology and Phonological Development.
3. Separation of Phonetics from Phonology.
4. The Human Mechanism of Speech & Vocal Production.
5. Articulatory Phonetics of Consonants and Vowels.
6. The International Phonetic Alphabet of Languages.
7. The International Phonetic Alphabet of the Modern Greek.

8. The International Voice Alphabet of Greek-Pontic, Greek-Cypriot & Greek-Cretan.
9. Acoustic Phonetics.
10. Suprasegmental Elements of Speech.
11. Extensions of the International Phonetic Alphabet (extIPA) – A.
12. Extensions of the International Phonetic Alphabet (extIPA) – B.
13. Use of New Technologies in Phonetic Science.

#### (4) TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY</b> <i>Face-to-face, Distance learning, etc.</i>	<b>Face-to-face: In class</b>	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b> <i>Use of ICT in teaching, laboratory education, communication with students</i>	Use of audio-visual methods (e.g., PowerPoint presentations) Support the learning process through the e-class platform.	
<b>TEACHING METHODS</b> <i>The manner and methods of teaching are described in detail.</i> <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>	<b>Activity</b>	<b>Semester workload</b>
<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>	Lectures	26
	Applied/Laboratory Practice	13
	Teamwork Research Project	20
	Essay Writing	23
	Personal Study	43
	<b>Course total</b>	<b>125</b>
	<b>STUDENT PERFORMANCE EVALUATION</b> <i>Description of the evaluation procedure</i>  <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>  <i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i>	<b>I. Written final exam (80%):</b> - Multiple choice test - Short answer questions - Problem Solving <b>II. Written Essay-Individual (10%)</b> (with Pass, Merit and Distinction criterion accessible by students) <b>III. Mini Clinical Research-Teamwork (10%)</b> (with Pass, Merit and Distinction criterion accessible by students)  The final exams will be offered in Greek

#### (5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

- Davenport, M., & Hannahs, S. J. (2013). *Introducing phonetics and phonology*. Routledge.
- Hayes, B., Curtiss, S., Szabolcsi, A., Stowell, T., Stabler, E., Sportiche, D., ... & Steriade, D. (2013). *Linguistics: An introduction to linguistic theory*. John Wiley & Sons.

- Odden, D. (2005). *Introducing phonology*. Cambridge university press.
- Roach, P. (2010). *English phonetics and phonology fourth edition: A practical course*. Ernst Klett Sprachen.
- Εισαγωγή στη φωνητική, Έκδοση: 1η έκδ./2007, Συγγραφείς: Ladefoged Peter, ISBN: 978-960-16-2436-5, Διαθέτης (Εκδότης): Σ. ΠΑΤΑΚΗΣ ΑΝΩΝΥΜΗ ΕΜΠΟΡΙΚΗ ΕΚΔΟΤΙΚΗ ΚΑΙ ΔΙΑΝΕΜΗΤΙΚΗ ΕΤΑΙΡΕΙΑ, Κωδικός Βιβλίου στον Εύδοξο: 21542 (Προτεινόμενο Σύγγραμμα)
- Ανθρώπινη Φωνή, Ομιλία και Τραγούδι (Με έγχρωμο Άτλα), Έκδοση: 1/2008, Συγγραφείς: Κατσάνης Δημήτρης, ISBN: 978-960-88708-2-6, Διαθέτης (Εκδότης): Α.Α.ΒΑΣΙΛΟΠΟΥΛΟΣ & ΣΙΑ Ο.Ε, Κωδικός Βιβλίου στον Εύδοξο: 16213 (Προτεινόμενο Σύγγραμμα)

- *Related academic journals:*

- **Journal of Phonetics**  
<https://www.journals.elsevier.com/journal-of-phonetics>
- **Journal of the International Phonetic Association**  
<https://www.cambridge.org/core/journals/journal-of-the-international-phonetic-association>
- **Phonetica**  
<https://www.karger.com/Journal/Home/224275>
- **Phonology**  
<https://www.cambridge.org/core/journals/phonology>
- **Laboratory Phonology**  
<https://www.journal-labphon.org>
- **Linguistics: An Interdisciplinary Journal of the Language Sciences**  
<https://www.degruyter.com/view/j/ling>