

## COURSE OUTLINE NEUROLOGY

- GENERAL**

<b>SCHOOL</b>	SCHOOL OF PHYSICAL EDUCATION, SPORTS AND OCCUPATIONAL THERAPY		
<b>DEPARTMENT/MSc</b>	OCCUPATIONAL THERAPY		
<b>LEVEL OF STUDY</b>	MSc - LEVEL 6		
<b>COURSE CODE</b>		<b>SEMESTER OF STUDIES</b>	3o
<b>COURSE TITLE</b>	NEUROLOGY		
<b>INDEPENDENT TEACHING ACTIVITIES</b> <i>in case the credits are awarded to distinct parts of the course, e.g. Lectures, Laboratory Exercises, etc. If the credits are awarded uniformly for the entire course, indicate the weekly teaching hours and the total credits</i>		<b>TEACHING WEEKS</b>	<b>CREDITS</b>
		3	6
<i>Add rows if needed. The organization of teaching and the teaching methods used are described in detail in 4.</i>			
<b>COURSE TYPE</b> <i>Background, General Knowledge, Scientific Area, Skills Development</i>	Background		
<b>PREREQUISITE COURSES:</b>	NO		
<b>LANGUAGE OF INSTRUCTION AND EXAMINATIONS:</b>	GREEK		
<b>THE COURSE IS OFFERED TO ERASMUS STUDENTS</b>	NO		
<b>ONLINE COURSE PAGE (URL)</b>			

- LEARNING OUTCOMES**

<p><b>Learning Outcomes</b></p> <p><i>The learning outcomes of the course are described, the specific knowledge, skills and abilities of an appropriate level that students will acquire after the successful completion of the course.</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 cycle of study according to the European Higher Education Area Qualifications Framework</i></li> <li><i>Descriptive Indicators of Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning</i></li> </ul> <p><i>and Annex B</i></p> <ul style="list-style-type: none"> <li><i>Summary Guide to Writing Learning Outcomes</i></li> </ul> <p>The purpose of the course is for students to acquire the basic knowledge of neurology that is required for the further attendance, during the following years of study, of the rehabilitation courses for neurological patients, but also to enable them to communicate with other health scientists (doctors, physiotherapists, speech therapists, etc.) and to participate equally in rehabilitation groups during their professional career.</p> <p>Upon successful completion of the course, participants will be able to:</p> <ul style="list-style-type: none"> <li>define the individual neurological symptoms and signs</li> <li>describe the most common neurological disorders</li> <li>perform a rough neurological examination and interpret the findings</li> </ul>
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<ul style="list-style-type: none"> <li>• present the clinical picture of neurological patients</li> <li>• collaborate in the execution of clinical trials and in the resolution of clinical cases (case studies)</li> </ul>	
<b>General Competencies</b>	
<i>Taking into account the general competencies that the graduate must have acquired (as listed in the Diploma Supplement and listed below), which / which of them is the course aimed at?.</i>	
<i>Search, analyze and synthesize data and information, using the necessary technologies</i> <i>Adapting to new situations</i> <i>Decision-making</i> <i>Autonomous work</i> <i>Teamwork</i> <i>Working in an international environment</i> <i>Working in a multidisciplinary environment</i> <i>Generating new research ideas</i>	<i>Project planning and management</i> <i>Respect for diversity and multiculturalism</i> <i>Respect for the natural environment</i> <i>Demonstrate social, professional and ethical responsibility and gender sensitivity</i> <i>Criticism and self-criticism</i> <i>Promoting free, creative and inductive thinking</i>
<ul style="list-style-type: none"> <li>• Search, analyze and synthesize data and information, using the necessary technologies</li> <li>• Decision-making</li> <li>• Autonomous work</li> <li>• Teamwork</li> <li>• Demonstrate social, professional and ethical responsibility</li> <li>• Promoting free, creative and inductive thinking</li> </ul>	

• **COURSE CONTENT**

<ul style="list-style-type: none"> <li>• Gross neurological examination</li> <li>• Neurological symptoms and signs</li> <li>• Basic Principles of Locator</li> <li>• Vascular Brain Diseases</li> <li>• Degenerative diseases of the nervous system - Dementias</li> <li>• Extrapyramidal diseases: Parkinsonism</li> <li>• Demyelinating diseases: Multiple sclerosis</li> <li>• Peripheral nerve diseases</li> <li>• Myopathies</li> <li>• Neuromuscular synapse disorders: Myasthenia Gravis</li> <li>• Injuries of the nervous system</li> <li>• Other neurological diseases and disorders</li> <li>• General principles of rehabilitation of neurological patients</li> </ul>
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• **TEACHING AND LEARNING METHODS - EVALUATION**

<p><b>DELIVERY METHOD</b>  <i>Face-to-face, Distance learning, etc.</i></p>	<p>Face-to-face (lectures, case studies, internships, group work)</p>
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	Distance Education												
<p><b>USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES</b>  <i>Use of ICT in Teaching, Laboratory Training, Communication with Students</i></p>	<p>Use of ICT in Teaching and Communication with Students</p> <ul style="list-style-type: none"> <li>• Digital slides</li> <li>• video</li> <li>• e-class, webmail</li> </ul>												
<p><b>TEACHING ORGANIZATION</b>  <i>The way and methods of teaching are described in detail.</i>  <i>Lectures, Seminars, Laboratory Exercise, Field Exercise, Study &amp; Analysis of Literature, Tutorial, Practice (Placement), Clinical Exercise, Art Workshop, Interactive Teaching, Educational Visits, Project Preparation, Writing a Paper / Paper, Artistic Creation, etc.</i></p> <p><i>The student's study hours for each learning activity as well as the hours of non-guided study are indicated so that the total workload at semester level corresponds to ECTS standards</i></p>	<table border="1"> <thead> <tr> <th>Activity</th> <th>Semester Workload</th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td>39</td> </tr> <tr> <td>Literature study and analysis</td> <td>138</td> </tr> <tr> <td>Examination</td> <td>3</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td><b>Total Course</b></td> <td><b>180</b></td> </tr> </tbody> </table>	Activity	Semester Workload	Lectures	39	Literature study and analysis	138	Examination	3			<b>Total Course</b>	<b>180</b>
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<b>Total Course</b>	<b>180</b>												
<p><b>STUDENT EVALUATION</b>  <i>Description of the evaluation process</i></p> <p><i>Assessment Language, Assessment Methods, Formative or Conclusive, Multiple Choice Test, Short Answer Questions, Essay Development Questions, Problem Solving, Written Paper, Report/Report, Oral Examination, Public Presentation, Laboratory Work, Clinical Examination of a Patient, Artistic Interpretation, Other/Other</i></p> <p><i>Explicitly defined evaluation criteria and whether and where they are accessible by students are mentioned.</i></p>	<ul style="list-style-type: none"> <li>• Interim exam (short answer, multiple-choice, blank filling, correct error) 20%</li> <li>• Practice assignment (execution of a gross neurological examination) 10%</li> <li>• Final exam (written development questions) 70%</li> </ul>												

**• RECOMMENDED BIBLIOGRAPHY**

<ul style="list-style-type: none"> <li>• Vassilopoulos D. (2015) Neurology, Paschalidis Medical Publications &amp; BROKEN HILL PUBLISHERS LTD</li> <li>• Logothetis I., Mylonas I., Artemis N. (2023) Neurology Logothetis, 6th Edition University Studio Press</li> <li>• Taskos N (2016) Neurology Concise and Illustrated (3rd edition), University Studio Press Edition</li> <li>• Masuhr K., Neumann M. (2011) Neurology, 6th edition. "Rotunda" Publications</li> <li>• Sealfon Stuart, Stacy Charles, Motiwala Rajeev (Eds. Iliopoulos I., Terzoudi A., Vadikolias K.) 2020 Clinical Neurology, University Studio Press Edition</li> </ul>
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