

Course Title	<b>Postgraduate Thesis</b>				
Course Code	PHA508				
Course Type	Compulsory				
Level	Integrated Master				
Year / Semester	5 <sup>th</sup> / 9 <sup>th</sup> or 10 <sup>th</sup> Semester				
Teacher's Name					
ECTS	30	Lectures / week	-	Laboratories/week	-
Course Purpose	<p>The postgraduate diploma thesis is an important process where the student is expected to produce original knowledge, by performing research using scientific methods and procedures and come up with results on a specific topic.</p> <p>The purpose of the course is to give students the opportunity to extend their knowledge, skills and experiences so that they are better prepared to study a specialized topic or a scientific question.</p> <p>The course also aims at collecting and researching the required literature, stating the purpose of the proposed study and documenting the significance and the rationality of their work.</p> <p>Furthermore, the aim is to research a specific topic or a research question and produce results which are finally presented in written text that is submitted for evaluation by a three-member Faculty Committee.</p>				
Learning Outcomes	<p><b>By the end of this course the student should be able to:</b></p> <ul style="list-style-type: none"> <li>• Develop and pose the purpose of a research, pose research questions / research hypotheses and define variables.</li> <li>• Identify and collect appropriate literature and structure the theoretical framework of a research in a scientific way.</li> <li>• Present and justify with scientific arguments the significance and the rationality of a study.</li> <li>• Choose an appropriate method of data collection, based on a specific research framework.</li> <li>• Draw conclusions from previously processed data</li> <li>• Analyze and take into consideration the ethical issues that arise during the collection and analysis of research data and the presentation of results.</li> <li>• Develop and apply an original and methodologically valid research plan, using the knowledge and skills they have developed during their studies.</li> <li>• Present and support their research results to the public.</li> </ul>				
Prerequisites	Students must have completed 240 ECTS.	Corequisites	-		
Course Content	In this course the student is asked to select a specific subject, assigned and supervised by an academic staff member (supervisor).				

	<p>Students are guided to be able to conduct a critical or systematic literature review by searching scholarly sources (such as books, scientific articles etc.) related to their specific topic or research question and gather information on their specific topic or research question.</p> <p>Under the supervision of their academic staff member (supervisor) students apply a research protocol which presents and analyzes the purpose of the proposed study, the scientific basis which supports the particular subject (literature review) and also a methodologically valid research plan.</p> <p>Students may perform their work or part of their work in collaboration with external stakeholders such as the industry and/or hospitals/health centers and/or during their practical training, under the supervision of their research supervisor.</p>
Teaching Methodology	<p>Under the guidance of their supervisor, students perform extensive scientific research using scientific methods and procedures.</p> <p>Students have the opportunity to complete their thesis, according to the subject of their study, in collaboration with external stakeholders such as the industry and/or hospitals/health centers under the supervision of their research supervisor.</p>
Bibliography	<p>Scientific articles published in international scientific journals and book chapters, depending on the subject of the thesis.</p>
Assessment	<p>The evaluation of the thesis is performed by a three-faculty member committee (including the supervisor). Students are required to submit the final essay of their Postgraduate Thesis prior to the oral examination. The thesis and oral presentation is evaluated based on evaluation criteria set by the Department and listed in the Postgraduate Thesis Guide.</p>
Language	<p>Greek, English</p>