

Course Title	Undergraduate Thesis				
Course Code	PHA506				
Course Type	Compulsory				
Level	BSc				
Year / Semester	4 th / 8 th Semester				
Teacher's Name					
ECTS	6	Lectures / week	-	Laboratories/week	-
Course Purpose	<p>The undergraduate thesis is a process where the student is expected to perform research or critical literature review using relevant scientific methods and procedures 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 aim is also to work on a specific topic or a research question and come to conclusions which are finally presented in written text that is submitted for evaluation by a three-member Faculty Committee and present their results to a broad audience.</p>				
Learning Outcomes	<p>By the end of this course the student should be able to:</p> <ul style="list-style-type: none"> • Develop and pose the purpose of a research, pose research questions / research hypotheses and define variables. • Identify and collect appropriate literature and structure the theoretical framework of a research in a scientific way. • Present and justify with scientific arguments the significance and the rationality of a study. • Apply the knowledge and skills they have developed during their studies. • Present and support their results and analysis to the public. 				
Prerequisites	Students must have completed 180 ECTS.	Corequisites	-		
Course Content	<p>In this course the student is asked to select a specific topic of interest, assigned and supervised by an academic staff member (supervisor).</p> <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.)</p>				

	<p>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 will also have the potentiality to 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>
Teaching Methodology	<p>Under the guidance of their supervisor, students will be able to perform scientific research using scientific methods and procedures or make scientific literature revision.</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 Undergraduate Thesis prior to the oral examination. The evaluation is performed taking into account the thesis and the oral presentation.</p>
Language	<p>Greek, English</p>