

Course Title	Undergraduate Thesis				
Course Code	ABS408				
Course Type	Compulsory				
Level	BSc (Level 1)				
Year / Semester	4 th / 8 th Semester				
Teacher's Name					
ECTS	12	Lectures / week	-	Laboratories/week	-
Course Purpose	<p>The undergraduate thesis is a process where the student is expected to perform research using scientific methods and procedures on a specific topic.</p> <p>The purpose of the course is to give students the opportunity to extend and apply their knowledge, skills and experiences so that they are better prepared to study and investigate in depth, a specialized topic or a scientific question.</p> <p>The aim is also to work on a specific topic or a research question and produce justifiable results 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"> • Have very good communication and oral presentation skills • Develop and pose the purpose of a research, pose research questions / research hypotheses and define variables. • Identify and collect and review appropriate literature and structure and apply the theoretical framework of a research in a scientific way. • Present and justify with scientific arguments the significance and the rationality of a study and defend their thesis. • Choose an appropriate method of data collection, based on a specific research framework. • Draw conclusions from previously processed or new data. • Develop and apply a research plan, using the knowledge and skills they have acquired during their studies. • Present and support their research results to the public. 				
Prerequisites	ABS 407 Students must have completed 180 ECTS.	Corequisites	-		
Course Content	<p>In this course the student is asked to select a specific subject, 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.) related to their specific topic or research question and gather</p>				

	<p>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 Clinical Laboratories 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 scientific research using scientific approaches ,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 Clinical Laboratories 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 topic 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>