

Course Title	Final year project II				
Course Code	BMS421				
Course Type	Compulsory				
Level	Bachelor (1st Cycle)				
Year / Semester	4 <sup>th</sup> Year / 8 <sup>th</sup> Semester				
Teacher's Name	TBA				
ECTS	12	Lectures / week	4 Hours	Laboratories / week	Experimental Project: 8 Hours <i>In silico</i> project: 8 Hours Bibliographic Project: N/A
Course Purpose and Objectives	<p>This course aims to provide students with the required scientific background, experimental experience and all the necessary skills needed for the planning, organization and implementation of a scientific study as well as for the analysis, documentation and presentation of its content.</p> <p>Students will be able to opt for one of the following types of Final Year Projects:</p> <p>a) Experimental Research Project, which will involve lab-based research</p> <p>b) <i>In silico</i> Research project, which will involve analysis of existing data using bioinformatics, data mining and similar approaches</p> <p>c) Literature Research Project, which will involve literature-based study.</p> <p>The ultimate aim of the course is the submission to the advisory committee of a scientific thesis describing current literature, aim and methods of the research performed (when applicable) as well as main results/conclusions reached. Finally, the student will present his/her work in an oral presentation under the guidance of the three-member advisory committee and the supervisor of the course.</p>				
Learning Outcomes	<p>Upon successful completion of the Final Year Project I, students should be able to:</p> <ul style="list-style-type: none"> <li>clearly present the problem, the aim of their study, the methodology used, and the results/conclusions drawn in relation to the current literature</li> </ul>				

	<ul style="list-style-type: none"> <li>organize and carry out the presentation of the scientific work via a well written thesis as well as an oral presentation.</li> <li>describe the basic techniques, methodology and principles applied in their project and field of study in relation to biomedical sciences and convey their conclusions in a written thesis using current reputable bibliographic systems.</li> </ul>								
Prerequisites	BMS411	Co-requisites	None						
Course Content	<p><b>Courses:</b> The student participates in selected lectures on the subject of the thesis in which specific issues related to the documentation of scientific information and the presentation of the thesis are being analyzed in accordance with the conditions laid down by Guide Dissertation.</p> <p><b>Supervision and guidance:</b> Regular weekly meetings are held between the student and the supervisor in order to provide guidance, organize the activities to be done to complete the project, and obtain feedback on the status of the work progress.</p> <p><b>Thesis Presentation:</b> Once the scientific research has been completed by the student, the thesis is being written in accordance with the instructions given in the Dissertation Guide. Upon submission of the thesis to the three-member advisory committee, the student is informed of the date of the oral presentation of his work. Following acceptance and evaluation of the thesis by the three-member advisory committee, the student submits the final version of his/her thesis to the Department secretary in order to obtain a grade. Detailed description of the content and course requirements are listed in the Dissertation Guide.</p>								
Teaching Methodology	<p>Face- to- face  Training in scientific article search in the University library.  One to one meetings with the supervisor and the members of the advisory committee.</p>								
Bibliography	Dissertation Guide, EUC Library								
Assessment	<table border="1"> <tr> <td>Written Proposal</td> <td>60%</td> </tr> <tr> <td>Oral Presentation</td> <td>40%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table> <p><i>It should be noted that completion of this course requires successful completion of every one of its evaluation components</i></p>			Written Proposal	60%	Oral Presentation	40%		100%
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Oral Presentation	40%								
	100%								
Language	English								