

Course Title	Research Methodology and Thesis Planning				
Course Code	WSS589				
Course Type	Required (Research)				
Level	Master (2nd Cycle)				
Year / Semester	2 / 3 (Fall)				
Teacher's Name	Andreas Constantinides, PhD				
ECTS	10	Lectures / week	1	Laboratories / week	0
Course Purpose and Objectives	The aim of the course is to adequately prepare the student to conduct graduate research at the Master's level and to develop a suitable research proposal relevant to the specific research field that will be investigated during the Master Thesis course				
Learning Outcomes	<ul style="list-style-type: none"> • Perform literature searches and retrieve and analyze information. • Report and critically comment on published research and scientific work. • Propose and justify a methodology to be employed for the implementation of a Master's level Thesis. • Demonstrate competency in the methodologies needed for a successful research project proposal, planning, and implementation. • Employ written and oral communication skills, communicate effectively through a variety of media including oral, visual, written, diagrammatic and on-line. 				
Prerequisites	None	Required	None		
Course Content	<p>This is a preparatory course for the Master Thesis that students must undertake, which is a research oriented work at the forefront of knowledge within the specialization of the student.</p> <p>By the end of the course, the student must submit and present to his Assessment Committee a proposal sketch for his Master's Thesis. In this proposal, the student is expected to propose the topic of his project, providing the detailed objectives and expected contributions of his work, conduct an in-depth literature review of the current state of knowledge on the issues related to the proposal, as well as suggest a methodology and planning for the implementation of the Thesis.</p>				
Teaching Methodology	<p>At the beginning of the course, students must consult with the academic staff and decide on the topic of their Masters Thesis. After deciding on the topic of the Master Thesis, the Program Coordinator, in consultation with the student and other related members of the Department, form an Assessment Committee for the student, consisting of three members. Two of these members must be from the academic staff related to the specialization of the student, where one is the student's Thesis Advisor. The third member can be any member of the academic staff of the Program, or an external qualified person.</p> <p>The Student is expected to meet regularly with his Thesis Advisor to set the</p>				

	objectives and contributions of the Thesis, and decide on the methodology to be used.
Bibliography	No specific book is assigned. Students are expected to consult a variety of information sources, including textbooks, manuals, scientific and research papers.
Assessment	<ul style="list-style-type: none"> • Suitability and completeness of set objectives 20% • Adequacy of sources consulted 20% • Proposed methodology and planning 20% • Quality of proposal report 20% • Oral Presentation 20%
Language	English