

Course Title	MSc Thesis				
Course Code	MAEN508				
Course Type	Elective				
Level	Master's Level				
Year / Semester	1/3				
Teacher's Name	Dr. Charalambos Chasos, Dr. Angelos Menelaou, Dr. Antonios Baldoukas, Dr. Marios Lestas, Dr. Photis Vrionides, Dr. Antonios Lontos, Dr. Christos Atalianis				
ECTS	30	Lectures / week		Laboratories / week	0
Course Purpose and Objectives	<p>To put into practice the theory learnt and to deepen the knowledge gathered during the study of this Program by research in a chosen area, preferably of interest to a Sponsor Company.</p> <p>Present an opportunity to undertake advanced research on an appropriate marine related topic working largely alone, and to present in a structured form the results of that research. The research may take the form of a critical review, a computational study, an experimental investigation, or some combination of the two/three.</p> <p>Acquire knowledge in a specialized topic, possibly outside the scope of the taught modules.</p>				
Learning Outcomes	<p>By the end of the course students will be able to:</p> <ul style="list-style-type: none"> • demonstrate the ability to identify and focus on specific research questions and aims which have theoretical or applied interest; • develop, present and execute the method of approach to provide answers to the above questions; • acquire in depth knowledge in the chosen area of study and show ability to critically discuss the relevant material in a comprehensive literature review; • review the results of the study drawing incisive conclusions and presenting creative recommendations; • work successfully alone and demonstrated adequate initiative and time management skills, while making optimum use of supervision; • make good use of the latest information technology in the process of reviewing the area of study, executing the methodology of research and analyzing the results; • present and defend a concise project report following the Dissertation Guidelines. 				
Prerequisites	Completing all taught modules - 60 ECTS	Required			
Course Content	The MSc Thesis will have the form of an original research project that includes data collection and processing (theoretical, interpretational and				



applied

	<p>research).</p> <p>Although determining the exact length of the dissertation is not possible since the quality evaluation criteria lie within the dissertation content and depth, the expected extend is set around 15,000 words, excluding Tables of Contents, Annexes, Appendixes and References.</p> <p>When completed (with the consent of the Thesis Advisor) the Dissertation must be submitted in three copies, 15 days before the examination period of the semester.</p>
Teaching Methodology	<p>Preparatory work for the Dissertation begins during the third semester of studies along with the module with the Code Name: Research Methodology. Part of the students' obligations is to submit a research proposal which will be elaborated and developed into their MSc Dissertation. Students can enroll for their Dissertation after completing 60 ECTS and allocated an Advisor.</p> <p>Regular meetings between the Advisor and student regarding progress on the student's work will take place during the semester, before final submission.</p>
Bibliography	<p>Journals:</p> <ul style="list-style-type: none"> • IMechE Journal of Engineering for the Maritime Environment (JEME) • IMarEST Journal of Marine Engineering and Technology (JMET) • Journal of Marine Science and Technology • Ocean Engineering • SNAME and RINA journals • Marine Structures, Elsevier • Canadian Shipping and Marine Engineering, ProQuest • International Journal of Marine Science; Richmond • Journal of Marine Research; New Haven • Marine Technology and SNAME News; New York • International Journal of Maritime History • Aegean Review of the Law of the Sea and Maritime Law. Springer. • Maritime Economics & Logistics; London • Maritime Policy and Management; Abingdon • Maritime Studies; Canberra • Naval Engineers Journal. Wiley • Journal of Maritime Law and Commerce; Cincinnati • Journal of Business Logistics • International Journal of Logistics • International Journal of Physical Distribution and Logistics Management • International Journal of Logistics Management • Lloyds List • International Transport Journal

	<ul style="list-style-type: none"> • Maritime Policy and Management • Maritime Economics and Logistics • Marine Technology Society Journal; Washington • Australian Journal of Maritime and Ocean Affairs; Abingdon • Australian Maritime Digest; Canberra
Assessment	<p>The Dissertation will be assessed by an evaluation board formed by:</p> <ul style="list-style-type: none"> • The Advisor • One member of the Program teaching staff invited by the Advisor, and • One external evaluator (from other University depts.) invited by the Advisor
Progression rules and provided material during the meetings for the MSc Thesis construction	<p>During the MSc Thesis construction, the candidate should provide to the bellow described material.</p> <ol style="list-style-type: none"> 1. Thesis Proposal → Duration: 2 weeks → Assessment: by the Advisor In the MSc Thesis Proposal the candidate should answer to the following questions: <ul style="list-style-type: none"> • What does the candidate want to investigate? • Why this is relevant and why does it interest the candidate? • A list of some of the relevant references for the selected topic. • A brief description of the research method with a tentative plan for data collection. • A plan for the thesis process (including plan for supervision). 2. Preliminary MSc Thesis Report → Duration: 4 weeks → Assessment: by the Advisor The Preliminary MSc Thesis is the second exam element of MSc Thesis course. The student must receive a Pass on her/his preliminary report in order to be allowed to submit the final MSc Thesis. The report should follow the outline below: <ul style="list-style-type: none"> • Introduction to the research topic • Research question(s) and objectives of the thesis • A plan for data collection and thesis progression 3. Final MSc Thesis → Duration: 7 weeks → Assessment: by the evaluation board. The assessment marking criteria of the Final MSc Thesis are listed below.
MSc Thesis assessment marking criteria	<p>For the MSc Thesis assessment, the evaluation board should complete a mark for each one of the questions below.</p> <ul style="list-style-type: none"> • Does the thesis clearly set out a research aim/s, hypothesis/es, research question/s or initial intentions? → Mark:.../10 • Does the candidate show appropriate familiarity with, understanding of, and engagement with the relevant literature; is the work suitably documented; and are citations correct, according to the prescribed

	<p>institutional or discipline-specific bibliographic style? → Mark:.../20</p> <ul style="list-style-type: none"> • Are the research methodologies appropriate and adequate for the subject matter, and correctly applied? → Mark:.../10 • Is the content satisfactory in respect of: Theoretical grounding; Elucidation of concepts; An appropriate contribution to the subject at master's or doctoral level; Scope; Logic and critical thinking; Interpretation; Scholarly/scientific reporting? → Mark:.../30 • Are the research findings suitably analysed, set out and accompanied by adequate exposition? → Mark:.../10 • Is the language use satisfactory? → Mark:.../10 • Is the technical presentation satisfactory? Points to consider are: Title page; Abstract; Table of contents; List of figures and tables; Preliminary pages; Layout of text; Figures and tables; References and in-text citations; Appendices; Line spacing, fonts, page numbering, general appearance? → Mark:.../10 • Final Assessment → .../100
Language	English