

## COURSE OUTLINE

### (1) GENERAL

<b>SCHOOL</b>	School of Environment		
<b>ACADEMIC UNIT</b>	Department of Environment		
<b>LEVEL OF STUDIES</b>	Undergraduate		
<b>COURSE CODE</b>	501Y	<b>SEMESTER</b>	7 & 8
<b>COURSE TITLE</b>	Undergraduate Thesis		
<b>INDEPENDENT TEACHING ACTIVITIES</b>		<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>
Lectures		1	
Field trips & laboratory		9	
<b>Total credits</b>			<b>10</b>
<b>COURSE TYPE</b> <i>general background, special background, specialised general knowledge, skills development</i>	Skills development		
<b>PREREQUISITE COURSES:</b>	-		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	Greek		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	No		
<b>COURSE WEBSITE (URL)</b>	<a href="https://www.env.aegean.gr/all_courses/πτυχιακή-εργασία/">https://www.env.aegean.gr/all_courses/πτυχιακή-εργασία/</a>		

### (2) LEARNING OUTCOMES

Learning outcomes
<ul style="list-style-type: none"> <li>• Deepening in a selected field of science and research that is of special interest to the student</li> <li>• Learning through practice in scientific methodology, including: <ul style="list-style-type: none"> <li>○ handling of information from international literature</li> <li>○ planning of an experiment or research programme</li> <li>○ application of methods for the collection or acquisition of data</li> <li>○ analysis, synthesis and statistical processing of data</li> <li>○ drawing conclusions</li> <li>○ evaluating results</li> </ul> </li> </ul>
General Competences
<p>Search for, analysis and synthesis of data and information, with the use of the necessary technology</p> <p>Adapting to new situations</p>

Decision-making  
 Working independently  
 Working in an interdisciplinary environment  
 Production of new research ideas  
 Project planning and management  
 Respect for the natural environment  
 Criticism and self-criticism  
 Production of free, creative and inductive thinking

### (3) SYLLABUS

The subject of the thesis and the process of thesis production is supervised by one member of staff of the Department.

### (4) TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY.</b>	Face-to-face	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b>		
<b>TEACHING METHODS</b>	<b>Activity</b>	<b>Semester workload</b>
	Laboratory/Tutorials	50
	Other	200
	Thesis write-up	50
	Course total	<b>300</b>
<b>STUDENT PERFORMANCE EVALUATION</b>	Language of evaluation: Greek or English  Written thesis and public presentation.	

### (5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography: