

## COURSE OUTLINE

### GENERAL

<b>SCHOOL</b>	Physical Education, Sports Science and Dietetics		
<b>DEPARTMENT</b>	Physical Education and Sports Science		
<b>STUDY LEVEL</b>	Postgraduate		
<b>COURSE CODE</b>	MT	<b>STUDY SEMESTER</b>	3 <sup>rd</sup>
<b>COURSE TITLE</b>	Master Thesis		
<b>SELF CONTAINED TEACHING ACTIVITIES</b>	<b>TOTAL TEACHING HOURS</b>	<b>COURSE CREDITS</b>	
4 <sup>th</sup> semester	-	30	
<b>COURSE TYPE</b>	Thesis		
<b>PREREQUISITE MODULES</b>	None		
<b>TEACHING AND EXAM LANGUAGE</b>	English		
<b>COURSE IS AVAILABLE TO ERASMUS STUDENTS</b>	Yes		
<b>COURSE WEB PAGE (URL)</b>	<a href="https://eclass.uth.gr/courses/PE_P_145/">https://eclass.uth.gr/courses/PE_P_145/</a>		

### LEARNING OUTCOMES

<b>Learning Outcomes</b>
<p><b>Knowledge and understanding</b></p> <p>On completion of the thesis, students will be able to:</p> <ul style="list-style-type: none"> <li>• Demonstrate an in-depth knowledge in a particular topic.</li> <li>• Demonstrate understanding of the theories and/or principles related to the chosen topic.</li> </ul> <p><b>Skills and abilities</b></p> <p>On completion of the thesis, students will be able to:</p> <ul style="list-style-type: none"> <li>• Develop the ability to locate and synthesize theoretical and empirical knowledge about a given phenomenon.</li> <li>• Formulate an appropriate method for investigation and analyze related data.</li> </ul> <p><b>Judgment and approach</b></p> <p>On completion of the thesis, students will be able to:</p> <ul style="list-style-type: none"> <li>• Extract possible explanations and arrive at sound conclusions based on appropriate research methods and procedures.</li> <li>• Comply with appropriate ethical rules in conducting research.</li> </ul>
<b>General Competencies</b>
<ul style="list-style-type: none"> <li>• Research skills</li> <li>• IT skills</li> <li>• Ability to manage information</li> <li>• Critical thinking</li> <li>• Problem solving skills</li> <li>• Ability to work autonomously</li> <li>• Time management skills</li> <li>• Oral and written communication skills</li> </ul>

### COURSE CONTENT

<b>Thesis Supervision</b>
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The master thesis is conducted by only one student under the supervision of an advisory committee that consists of two faculty members plus the main supervisor of the thesis. The duties of a supervisor or an advisory committee are: i) to guide and advise the student in his/her work and ii) to assess and grade the final product (written material and thesis oral defense).

### **Master Thesis' Procedure**

Choosing a Topic

A thesis supervisor will provide feedback whether the scope of a project is too broad or too narrow and this will be instrumental in starting the entire process.

### **Proposal & Approval**

Under the direction of the supervisor, the student must develop a proposal that describes the work to be accomplished as part of the thesis. The proposal must be approved by the University's Ethics Committee. The proposal can be helpful in determining the specific research questions, methods, timelines, and range of the project, as well as providing an opportunity for the supervisor and the Committee members to provide their contribution early into the thesis.

### **Thesis Submission and Defense**

After completing the research, the student will draft a thesis document and share it with the supervisor. Once the supervisor has reviewed the document and any necessary revisions have been made, the student will schedule an oral defense. Thesis defences are open to the entire University community and are announced, including student and Committee member names, time, location, title and abstract, to the University via the University's information systems (e.g., email, listservs etc).

### **Publishing and Final Submission**

Following the completion of the Master Thesis Assessment and Grading Form of the Thesis Committee, the student submits printed copies of his/her work for the library and/or one electronic copy which be available through the internet depending on University regulations.

### **Language**

The master thesis can be written in English or Greek.

### **Format**

There are specific guidelines for the format and structure of the master thesis.

## **TEACHING AND LEARNING METHODS - EVALUATION**

<b>TEACHING METHOD</b>	Conducting research under supervision	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b>	Use of library resources and/or lab facilities depending on the subject area of the master thesis	
<b>TEACHING ORGANIZATION</b>	<b>Activity</b>	<b>Semester Workload</b>
	Literature review	150
	Developing the methodology	100
	Data collection	150
	Data analysis	100
	Writing the thesis	250

	<b>Module Total</b>	<b>750</b>
<b>STUDENT ASSESSMENT</b>	<p>The advisory committee has the responsibility to assess the master thesis after the final draft submission and public defense. In order to conduct the assessment, the advisory committee will use a rubric following certain criteria:</p> <ul style="list-style-type: none"> <li>• Purpose and planning</li> <li>• Knowledge of the literature and subject area</li> <li>• Research methods</li> <li>• Research results and presentation</li> <li>• Discussion and conclusions</li> <li>• Structure and coherence of the thesis</li> <li>• Student's learning process</li> </ul>	

### **READING LIST**

#### **Recommended bibliography:**

- Jerry R. Thomas, Jack K. Nelson, Stephen J. Silverman (2005). Research methods in physical activity. Champaign, Ill.: Human Kinetics.
- John J. Shaughnessy, Eugene B. Zechmeister, Jeanne S. Zechmeister (2009). Research methods in psychology. Boston: McGraw-Hill Higher Education.
- Kris E. Berg, Richard W. Latin (2008). Essentials of research methods in health, physical education, exercise science, and recreation. Baltimore: Lippincott Williams & Wilkins.

Literature is related with the subject area of the master thesis.