

Course Title	THESIS II				
Course Code	SSTHE404-1				
Course type	PHYSICAL EDUCATION AND SPORT SCIENCE ELECTIVE				
Level	BSc degree (Level 1)				
Year / Semester	4th / Spring				
Teacher's Name	All Academic Staff				
ECTS	6	Lectures / week	1	Laboratories / week	
Course Purpose	This course aims to provide students with all the necessary skills they need for the design, organization and implementation of a scientific study as well as the adequate analysis, documentation and presentation of its content. The ultimate goal of the course is the completion of a scientific textbook as well as its support through oral presentation under the individual guidance and supervision of a three-member advisory committee as well as by the course coordinator.				
Learning Outcomes	<p>Upon completion of the course students are expected to be able to:</p> <ul style="list-style-type: none"> • Design, organize, compose and implement a descriptive type of literature review and / or experimental study in the subjects of sports science, exercise and health sciences in accordance with international standards and using reputable bibliographic systems. • Clearly present the problem, purpose, methodology and results obtained by analyzing the data of an experimental study as well as substantiate the findings and critically contrast them with findings of other studies. • Organize and carry out the presentation of a scientific paper through printed textbooks as well as oral presentation before the public. 				
Prerequisites	Thesis I	Corequisites	No		
Course Content	<p>Description:</p> <p>Course attendance: The student participates in predetermined lectures for the dissertation course, in the context of which specific issues are presented and analyzed, mainly related to the documentation of scientific information and the ability to summarize and present the</p>				

	<p>content of the thesis in accordance with the conditions set by the Dissertation Preparation Guide.</p> <p>Supervision and guidance: On a regular weekly basis, meetings are held between the student and the supervisor in order to provide guidance, organize the progress of the project and obtain feedback on the progress of the project.</p> <p>Paper presentation: After completing the scientific search, the student writes his/her work according to the instructions provided in the Dissertation Guide. Upon acceptance of the final manuscript by the three-member Committee, the student receives a date for the presentation of his/her work before the three-member Committee. After the thesis and grading acceptance by the three-member Committee, the student delivers the final manuscript to the Department Secretariat to receive course grades.</p> <p>A detailed description of the course's content and prerequisites can be found in the Dissertation Preparation Guide.</p>
Teaching Methodology	<p>Theory</p> <p>The teaching of the course includes lectures on the offer of the theoretical background. The teaching uses detailed notes with PowerPoint and material rich in images and videos. Methods such as case studies, discussion, questions/answers are used in teaching methodology depending on the nature of the course. Relevant material published in international scientific journals is also used to follow the latest developments related to the subject of the course. Finally, frequent meetings with the supervising professor with the student to discuss the progress and completion of the dissertation.</p>
Bibliography	<p>Main Textbooks:</p> <p>Higgins JPT, Green S. (2011) Cochrane Handbook for Systematic Reviews of Interventions Version 5.1.0. The Cochrane Collaboration</p> <p>Larry Christensen, R. Burke Johnson, Lisa A. Turner. (2010) Research Methods, Design, and Analysis, 11th Edition, Allyn and Bacon</p> <p>Padgett DK. (2011) Qualitative and Mixed Methods in Public Health. SAGE Publications Ltd, London</p> <p>Saks M Allsop J. (2012) Researching Health Qualitative, Quantitative and Mixed Methods, Second Edition. SAGE Publications Ltd, London</p> <p>Picardi CA, Masick KD. (2013) Research Methods Designing and Conducting Research with a Real-World Focus. SAGE Publications Ltd, London</p> <p>Marder P. Michael, (2011) Research Methods for Science. Cambridge University</p>

Assessment	<p>The examination procedure includes:</p> <ul style="list-style-type: none"> • The evaluation of the content of the dissertation by the examination committee. The Counsel confirms to the other members of the selection board that the plagiarism rate does not exceed the permissible limits for the members of the evaluation committee • The public presentation of the Dissertation, in the presence of the examination committee, the students of the Program and is an open process (if and when the student wishes, otherwise the presentation is made only in the presence of the examination committee). In the first part of the presentation, the student presents his/her work. It is mandatory that the presentation is supported by a slideshow. • The support of the Dissertation by the student, i.e. his/her satisfactory answer to questions related to the topic of his/her Thesis. If other members of the three-member committee or students are present, they may also ask clarifying questions. <p>For more details, please refer to the "Thesis Guide".</p>
Language	Greek / English