COURSE OUTLINE UNDERGRADUATE THESIS

1. GENERAL

SCHOOL	PHYSICAL EDUCATION, SPORT SCIENCE AND OCCUPATIONAL THERAPY		
DEPARTMENT	PHYSICAL EDUCATION AND SPORT SCIENCE		
LEVEL OF STUDIES	ISCED level 6 – Bachelor's or equivalent level		
COURSE CODE	C099	**SEMESTER**	7th & 8th
COURSE TITLE	UNDERGRADUATE THESIS		

TEACHING ACTIVITIES *If the ECTS Credits are distributed in distinct parts of the course e.g. lectures, labs etc. If the ECTS Credits are awarded to the whole course, then please indicate the teaching hours per week and the corresponding ECTS Credits.*	**TEACHING HOURS PER WEEK**	**ECTS CREDITS**
	3	7,5
Please, add lines if necessary. Teaching methods and organization of the course are described in section 4.		

COURSE TYPE *Background, General Knowledge, Scientific Area, Skill Development*	Scientific Area
PREREQUISITES:	NO
TEACHING & EXAMINATION LANGUAGE:	GREEK
COURSE OFFERED TO ERASMUS STUDENTS:	NO
COURSE URL:	

2. LEARNING OUTCOMES

Learning Outcomes

Please describe the learning outcomes of the course: Knowledge, skills and abilities acquired after the successful completion of the course.

Upon successful completion of the thesis, students will be able to:

- *know how to search international bibliographic databases*
- *design and implement a scientific research design in Sport Science.*
- *collect data and analyze the important results of a scientific design in Sport Science*
- *apply the guidelines of writing a thesis.*
- *To present the important findings of a scientific paper.*

General Skills

Name the desirable general skills upon successful completion of the module

Search, analysis and synthesis of data and information,
ICT Use
Adaptation to new situations
Decision making
Autonomous work
Teamwork
Working in an international environment
Working in an interdisciplinary environment
Production of new research ideas
Project design and management
Equity and Inclusion
Respect for the natural environment
Sustainability
Demonstration of social, professional and moral responsibility and sensitivity to gender issues
Critical thinking
Promoting free, creative and inductive reasoning

The general abilities of the students, that are strengthened, are:

- *Search, analysis and synthesis of data and information, ICT Use*

- *Adaptation to new situations*
- *Decision making*
- *Autonomous work*
- *Work in an interdisciplinary environment*
- *Generating new research ideas*
- *Project design and management*
- *Critical thinking*
- *Promoting free, creative and inductive reasoning Project planning and management*

3. COURSE CONTENT

Undergraduate Thesis

- Search and study literature

- Literature review

- Case Study or Research Study

- *Study design*
- *Experimental procedure - Data collection*
- *Data analysis and interpretation of results*

- Writing Thesis

- Writing a scientific publication or a short article in Conference Proceedings

- Preparation and Presentation of the Thesis (Conferences, Committee Of Examiners)

4. LEARNING & TEACHING METHODS - EVALUATION

TEACHING METHOD *Face to face, Distance learning, etc.*	- Collaboration with the Supervising Professor
USE OF INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT) *Use of ICT in Teaching, in Laboratory Education, in Communication with students*	- Use of ICT Communication with students - MsTeams / e-class, webmail
TEACHING ORGANIZATION *The ways and methods of teaching are described in detail.* *Lectures, Seminars, Laboratory Exercise, Field Exercise, Bibliographic research & analysis, Tutoring, Internship (Placement), Clinical Exercise, Art Workshop, Interactive learning, Study visits, Study / creation, project, creation, project. Etc.* *The supervised and unsupervised workload per activity is indicated here, so that total workload per semester complies to ECTS standards.*	

Activity	Workload/semester
Bibliographic research & analysis	20
Study design	10
Experimental procedure - Data collection	50
Data analysis and interpretation of results	10
Writing a publication or short article in Conference Proceedings	10
Writing Thesis	45
Thesis Preparation and Presentation (Conference, Three-member Committee)	5
Total	**150**

STUDENT EVALUATION	The evaluation of the students includes:

Description of the evaluation process *Assessment Language, Assessment Methods, Formative or Concluding, Multiple Choice Test, Short Answer Questions, Essay Development Questions, Problem Solving, Written Assignment, Essay / Report, Oral Exam, Presentation in audience, Laboratory Report,Clinical examination of a patient,Artistic interpretation, Other/Others* *Please indicate all relevant information about the course assessment and how students are informed*	- Oral presentation of the Thesis to audience and evaluation by the Members of Examining Committee

5. SUGGESTED BIBLIOGRAPHY

1. *Thomas J.R. & Nelson J.K. (2023). Research Methods in Physical Activity, Greek Edition Editor: Kostas Karteroliotis, BROKEN HILL PUBLISHERS, Athens.*
2. *Lagoumintzis G., Vlachopoulos G., Koutsoyiannis K. (2015). Research Methodology in Health Sciences. Association of Greek Academic Libraries, Greek Academic Electronic Books and Aids, Athens. www.kallipos.gr*
3. *Sarris M. (2023). How to write a scientific paper. A guide to academic writing. Publisher DISIGMA, Thessaloniki*