

COURSE SYLLABUS

(1) GENERAL

SCHOOL	HEALTH SCIENCES - MANAGEMENT AND ECONOMICS SCIENCES		
DEPARTMENTS	<ul style="list-style-type: none"> ▪ SOCIAL WORK ▪ NUTRITION AND DIETETICS SCIENCES ▪ BUSINESS ADMINISTRATION AND TOURISM 		
LEVEL OF STUDY	GRADUATE		
COURSE CODE	CDDA-A04	SEMESTER	A
COURSE TITLE	Quantitative and Qualitative Research Methods		
INDEPENDENT TEACHING ACTIVITIES	TEACHING HOURS WEEKLY	(ECTS)	
Theory - Lectures	39	7.5	
COURSE TYPE	Mandatory		
PREREQUISITE COURSES:	No		
LANGUAGE OF TEACHING and EXAMINATIONS:	Greek		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	No		
COURSE WEBSITE (URL)	https://eclass.hmu.gr/courses/SW355/		

(2) LEARNING OUTCOMES

Learning Outcomes
<p>Knowledge</p> <ul style="list-style-type: none"> ▪ Understanding concepts and terminology of scientific research ▪ Knowledge of quantitative and qualitative research ▪ Knowledge types of quantitative research studies ▪ understanding of the contribution of critical review methods in everyday practice <p>Skills</p> <ul style="list-style-type: none"> ▪ creating a research protocol ▪ writing a scientific paper <p>Abilities</p> <ul style="list-style-type: none"> ▪ critical examination of the challenges of designing a scientific study ▪ critical examination and analysis of the scientific literature ▪ interdisciplinary collaboration in research
General Skills
<ul style="list-style-type: none"> ● Search, analysis and synthesis of data and information using the necessary technologies ● Autonomous work ● Work in an interdisciplinary environment ● Generating new research ideas ● Exercise criticism and self-criticism ● Promotion of free, creative and inductive thinking

(3) COURSE CONTENT

<p>PURPOSE:</p> <p>The purpose of the course is to familiarize the students with the design and implementation of research in the health and welfare sciences using quantitative and qualitative methodology. The fruitful combination of theory and the writing of the research protocol for the needs of the postgraduate work is a main pursuit of the course</p>

CONTENT:

- Basic principles, steps and specific research topics (part 1)
- Basic principles, steps and specific research topics (part 2)
- Quantitative research (part 1)
- Qualitative research (part 1)
- Quantitative research data analysis (Qualitative research part 2)
- Quantitative research (part 2)
- Critical review methods (systematic reviews and meta-analyses)
- Analysis, writing and presentation of academic and scientific papers
- Ethics and ethics in the health sciences
- Qualitative research (part 3)
- Statistical Methods in Observational and Interventional Studies
- Group presentations
- Group presentations

(4) TEACHING and LEARNING METHODS - EVALUATION

METHOD OF DELIVERY	Face-to-face, distance learning	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Use of Powerpoint & use of e-class learning management system are used complementary for asynchronous support of the learning process.	
TEACHING ORGANIZATION	Activity	Semester Workload
	Lectures and Interactive teaching	39
	Study and analysis of articles - bibliography - Independent Study	101
	Work	60
	Total Course	200
STUDENT EVALUATION	At the end of the semester, in addition to the final written exam, the students will also be evaluated with mandatory assignments (written assignment and oral presentation of group work). The general theme of the papers will be the development of a research protocol. The final written exam topics will be a combination of multiple choice and short development questions. The ratio of final written exam and assignment to the final grade will be 70-30. The evaluation will be done in the Greek language.	

(5) RECOMMENDED-BIBLIOGRAPHY**- Suggested Bibliography:**

Galanis P. (2022), Research Methodologies in Health Sciences Second Edition, Athens, Kritiki Publications.

Liargovas P., Dermatis Z. & Komninos D. (2022), Research Methodology and Writing Scientific Papers, 2nd Ed., Athens, Tziola Publications.

Panagiotakos DB. (2011), Research Methodology and Data Analysis, for the health sciences, 2nd Ed., Athens, DIONIKOS Publications.

-Related scientific journals:

Research Methodology

- Health & Research Journal