

**COURSE OUTLINE**  
**RESEARCH METHODOLOGY I**

**1. GENERAL**

<b>SCHOOL</b>	CLASSICS AND HUMANITIES		
<b>DEPARTMENT/UPS</b>	HUMANITIES / PHILOLOGY, HISTORY AND ANTHROPOLOGY		
<b>LEVEL OF STUDIES</b>	UNDERGRADUATE – LEVEL 6		
<b>COURSE CODE</b>	XXXXX	<b>SEMESTER</b>	3 <sup>RD</sup>
<b>COURSE TITLE</b>	RESEARCH METHODOLOGY I		
<b>TEACHING ACTIVITIES</b> <i>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.</i>		<b>TEACHING HOURS PER WEEK</b>	<b>ECTS CREDITS</b>
		3	5
<i>Please, add lines if necessary. Teaching methods and organization of the course are described in section 4.</i>			
<b>COURSE TYPE</b> <i>Background, General Knowledge, Scientific Area, Skill Development</i>	BACKGROUND		
<b>PREREQUISITES:</b>	NO		
<b>TEACHING &amp; EXAMINATION LANGUAGE:</b>	GREEK		
<b>COURSE OFFERED TO ERASMUS STUDENTS:</b>	YES		
<b>COURSE URL:</b>	<a href="https://eclass.duth.gr/courses/XXXXXX/">https://eclass.duth.gr/courses/XXXXXX/</a>		

**2. LEARNING OUTCOMES**

<b>Learning Outcomes</b> <i>Please describe the learning outcomes of the course: Knowledge, skills and abilities acquired after the successful completion of the course.</i>	
<p>Upon successful completion of the course, participants will be able to:</p> <ul style="list-style-type: none"> <li>• Understand the fundamental epistemological foundations of scientific research.</li> <li>• Comprehend the basic logic underlying a research plan.</li> <li>• Develop a basic research plan.</li> <li>• Grasp the research rationale, design, objectives, findings, and conclusions of a scientific paper.</li> <li>• Learn how to search for, locate, and evaluate credible and reliable scientific sources using electronic databases, libraries, and academic platforms.</li> <li>• Know the correct format for citing references according to APA and MLA standards.</li> <li>• Identify the main structural components of a research article (e.g., problem, methodology, results, conclusions) and understand and summarize its key ideas.</li> <li>• Understand the basic epistemological and ethical principles of research.</li> <li>• Organize and comprehend a quantitative data research project.</li> <li>• Be introduced to the fundamental principles of statistical science.</li> </ul>	
<b>General Skills</b> <i>Name the desirable general skills upon successful completion of the module</i>	
<i>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</i>	<i>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</i>
<ul style="list-style-type: none"> <li>• Search, analysis and synthesis of data and information, ICT Use</li> <li>• Adaptation to new situations</li> </ul>	

- Decision making
- Autonomous work
- Teamwork
- Production of new research ideas
- Demonstration of social, professional and moral responsibility and sensitivity to gender issues
- Critical thinking
- Promoting free, creative and inductive reasoning

### 3. COURSE CONTENT

1. Research Methodology: Key Epistemological Foundations
2. Concept and Content of Scientific Research
3. The Research Cycle: From Inquiry to Conclusions
4. Literature Review and Evaluation of Scientific Sources: Citing References in APA and MLA Formats
5. Structure of Research Articles: Understanding and Identifying Key Points
6. Analysis of Research Articles: Strategic Information Search
7. Epistemology of Quantitative Research Methods: Historical Background and Contemporary Trends
8. Data Collection Methods
9. Populations and Samples: Sampling Methods
10. Types of Data: Data Analysis
11. Questionnaires as a Data Collection Method
12. Introduction to Statistical Analysis: Basic Principles and Types of Analysis
13. Questionnaire Preparation and Implementation: Statistical Analysis of Questionnaires and Formulating Conclusions

### 4. LEARNING & TEACHING METHODS - EVALUATION

<b>TEACHING METHOD</b> <i>Face to face, Distance learning, etc.</i>	Face-to-Face Interaction	
<b>USE OF INFORMATION &amp; COMMUNICATIONS TECHNOLOGY (ICT)</b> <i>Use of ICT in Teaching, in Laboratory Education, in Communication with students</i>	Use of ICT in Teaching and Communication with Students <ul style="list-style-type: none"> <li>• Digital Slides</li> <li>• Videos</li> <li>• MsTeams/eClass, Webmail</li> </ul>	
<b>TEACHING ORGANIZATION</b> <i>The ways and methods of teaching are described in detail.</i> <i>Lectures, Seminars, Laboratory Exercise, Field Exercise, Bibliographic research &amp; analysis, Tutoring, Internship (Placement), Clinical Exercise, Art Workshop, Interactive learning, Study visits, Study / creation, project, creation, project. Etc.</i>  <i>The supervised and unsupervised workload per activity is indicated here, so that total workload per semester complies to ECTS standards.</i>	<b>Activity</b>	<b>Workload/semester</b>
	Lectures	39
	Tutorial Exercises	31
	Study and Analysis of Literature	75
	Exams	5
	Total	150
<b>STUDENT EVALUATION</b> <i>Description of the evaluation process</i>  <i>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</i>  <i>Please indicate all relevant information about the course assessment and how students are</i>	Formative  Mid-term written examination: 30% Final written examination: 70%	

## 5. SUGGESTED BIBLIOGRAPHY

### Foreign:

1. Cohen, L., Manion, L., & Morrison, K. (2018). *Research methods in education* (8th ed.). Routledge.
2. Creswell, J. W., & Creswell, J. D. (2018). *Research design: Qualitative, quantitative, and mixed methods approaches* (5th ed.). SAGE Publications.

### Greek:

1. Bryman, A. (2017). *Μέθοδοι κοινωνικής έρευνας* (Α. Αϊδίνης, επιμ.). Εκδόσεις Gutenberg.
2. Gay, L. R., Mills, G. E., & Airasian, P. (2017). *Εκπαιδευτική έρευνα* (1η ελληνική έκδοση από την 10η αμερικάνικη). Εκδόσεις Προπομπός.
3. Τσέλιου Ε., Αβραμίδης, Η. και Ζαφείρης, Κ. (2023). (επιστημονική επιμέλεια). MCartan K. and Robson C. Η έρευνα του πραγματικού κόσμου. Ένα εγχειρίδιο μεθόδων κοινωνικής έρευνας σε εφαρμοσμένα πλαίσια. Μετ. Αυγήτα Ε., Gutenberg, ISBN 9789600124781.

## ANNEX OF THE COURSE OUTLINE

### Alternative ways of examining a course in emergency situations

<b>Teacher (full name):</b>	K. ZAFEIRIS
<b>Contact details:</b>	<a href="mailto:kzafiris@he.duth.gr">kzafiris@he.duth.gr</a>
<b>Supervisors: (1)</b>	YES
<b>Evaluation methods: (2)</b>	Mid-term written examination: 30% Final written examination: 70%
<b>Implementation Instructions: (3)</b>	The written exams (both mid-term and final) will be conducted via the eClass platform on a date and time that will be announced in advance. Students will be informed of the exam duration and content well ahead of the scheduled exam.

(1) Please write YES or NO

(2) Note down the evaluation methods used by the teacher, e.g.

➤ *written assignment* or/and exercises

➤ written or oral examination with distance learning methods, provided that the integrity and reliability of the examination are ensured.

(3) In the **Implementation Instructions** section, the teacher notes down clear instructions to the students:

a) in case of **written assignment and / or exercises**: the deadline (e.g. the last week of the semester), the means of submission, the grading system, the grade percentage of the assignment in the final grade and any other necessary information.

b) in case of **oral examination with distance learning methods**: the instructions for conducting the examination (e.g. in groups of X people), the way of administration of the questions to be answered, the distance learning platforms to be used, the technical means for the implementation of the examination (microphone, camera, word processor, internet connection, communication platform), the hyperlinks for the examination, the duration of the exam, the grading system, the percentage of the oral exam in the final grade, the ways in which the inviolability and reliability of the exam are ensured and any other necessary information.

c) in case of **written examination with distance learning methods**: the way of administration of the questions to be answered, the way of submitting the answers, the duration of the exam, the grading system, the percentage of the written exam of the exam in the final grade, the ways in which the integrity and reliability of the exam are ensured and any other necessary information.

There should be an attached list with the Student Registration Numbers only of students eligible to participate in the examination.