

## COURSE OUTLINE

### (1) GENERAL

SCHOOL	SOCIAL SCIENCES		
ACADEMIC UNIT	SOCIOLOGY		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	METHK13 2	SEMESTER	2nd
COURSE TITLE	Methods and Techniques of Sociological Research : Quantitative Methods		
INDEPENDENT TEACHING ACTIVITIES <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>		WEEKLY TEACHING HOURS	CREDITS
		3	5
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	General background		
PREREQUISITE COURSES:	No		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No		
COURSE WEBSITE (URL)	Available at ClassWeb		

### (2) LEARNING OUTCOMES

#### Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A

- Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area
- Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B
- Guidelines for writing Learning Outcomes

Students acquire broader knowledge in designing, evaluating and understanding different research designs of the quantitative social research. Specifically, they acquire the adequate knowledge and skills to design a sampling survey by implementing specific stages of the research process (such as literature review, formulating research hypotheses, designing, constructing and pre-testing questionnaires, data collection techniques, probabilistic and non-probabilistic sampling methods). Also, they learn the basic principles of the content analysis, social experiments and secondary quantitative data analysis as well as the ethical issues associated with the research processes. At the end of the term students will have learned to design small scale sample surveys, to identify possible methodological limitations in specific designs of quantitative research and suggest ways to improve them.

#### General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma

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**Αναμόρφωση του Προγράμματος Προπτυχιακών Σπουδών**  
**Υπόδειγμα Β5 ΑΔΙΠ**

Supplement and appear below), at which of the following does the course aim?	
Search for, analysis and synthesis of data and information, with the use of the necessary technology	Project planning and management
Adapting to new situations	Respect for difference and multiculturalism
Decision-making	Respect for the natural environment
Working independently	Showing social, professional and ethical responsibility and sensitivity to gender issues
Team work	Criticism and self-criticism
Working in an international environment	Production of free, creative and inductive thinking
Working in an interdisciplinary environment	.....
Production of new research ideas	Others...
.....	
Search for, analysis and synthesis of data and information, with the use of the necessary technology	
Team work	
Working in an interdisciplinary environment	
Production of new research ideas	
Decision-making	
Criticism and self-criticism	
Production of free, creative and inductive thinking	

### (3) SYLLABUS

Brief syllabus (The analytical syllabus and outline of the course is provided during the first week of the semester): The first section refers to the ontological, epistemological and methodological characteristics of positivism. The following section is related to the different designs of the quantitative social research. In different sections are developed the main stages of conducting social research including theory/literature review, formulating research hypotheses, measurement (conceptualization, operationalization), questionnaire design (types of questions/scales) and pre-testing, sampling procedures (non-probabilistic/probabilistic sampling, simple random sampling, systematic sampling, stratified sampling, cluster sampling), survey administrating methods (self-administrated questionnaires, interviews, telephone surveys, mail surveys, online surveys). Additionally in three different sections the main principles of content analysis, social experiments and secondary quantitative data analysis are presented. The last sections of the course involve issues associated with presenting/writing the research results as well as the ethical considerations in social research (such as voluntary participation, protection of participants, anonymity, codes of professional conduct).

### (4) TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY</b> <i>Face-to-face, Distance learning, etc.</i>	Face-to-face	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b> <i>Use of ICT in teaching, laboratory education, communication with students</i>	Use of ICT in communication with students	
<b>TEACHING METHODS</b> <i>The manner and methods of teaching are described in detail.</i> <i>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i>  <i>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i>	<b>Activity</b>	<b>Semester workload</b>
	Lectures	45
	Laboratory practice	45
	Essay writing	35
Course total	125	

<p><b>STUDENT PERFORMANCE EVALUATION</b></p> <p><i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<p>Language of evaluation: Greek</p> <p>Methods of evaluation: Written exams at the end of the semester</p> <p>The written exams include:</p> <p>i. Multiple choice questionnaires including questions examining knowledge and interpretation of methodological issues of quantitative research (40% of written exam)</p> <p>ii. Long-answer questions that require a synthesis of knowledge about designing a quantitative social research (60% of written exam)</p> <p>Students know the evaluation criteria from the course's syllabus distributed at the beginning of the semester.</p>
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## **(5) ATTACHED BIBLIOGRAPHY**

### **ted bibliography:**

- N. (2011). Η Κοινωνιολογική Έρευνα: Κριτική Επισκόπηση των Μεθόδων και των Τεχνικών (Νέα διευρυμένη έκδοση). Αθήνα: Πεδίο.
- Ε. (2011). Εισαγωγή στην Κοινωνική Έρευνα (επιμ. Ζαφειρόπουλος Κ.) Αθήνα:Κριτική.
- τουλος, Γ. & Νικολαΐδου, Κ. (2008). Η Στατιστική στην Κοινωνική Έρευνα. Αθήνα: Gutenberg
- A. (2017.) Μέθοδοι Κοινωνικής Έρευνας. Επιμ. Α.Αϊδίνης, Μετ. Παναγιώτης Σακελλαρίου. Αθήνα: Gutenberg.
- C. (2007). Η Έρευνα του Πραγματικού Κόσμου. Αθήνα: Gutenberg
- R., Hill, P.B., & Esser, E. (2014). Μέθοδοι Εμπειρικής Κοινωνικής Έρευνας. Αθήνα: Προπομπός - Κιμέρης Κ. Θωμάς
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- αλτσούνη, Χ. (2006). Μεθοδολογία εμπειρικής έρευνας στις κοινωνικές επιστήμες-Ανάλυση δεδομένων με τη χρήση του SPSS 13. Αθήνα: Gutenberg.
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- V. (1993). Constructing Questions for Interviews and Questionnaires: Theory and Practice in Social Research. Cambridge: Cambridge University Press
- F. (1995). Improving Survey Questions: Design and Evaluation. Thousand Oaks, CA: Sage.
- R., Fowler, F., Couper, M., Lepkowski, J., Singer, E. & Tourangeau, R. (2009). Survey Methodology (2nd Ed.). New York: John Wiley & Sons.
- de Leeuw, E. & Dillman D. (2008). International Handbook of Survey Methodology. Mahwah, NJ: Taylor & Francis.
- eim, A. (1992). Questionnaire Design, Interviewing and Attitude Measurement (2nd Ed.). London, UK: Pinter.

### **- Related academic journals:**

International Journal of Social Research Methodology (<https://tandfonline.com/toc/tsrm20/current>)

