COURSE OUTLINE

1. GENERAL

SCHOOL	SOCIAL, POLITICAL AND ECONOMIC SCIENCES
DEPARTMENT	SOCIAL WORK
LEVEL OF STUDIES	UNDERGRADUATE
COURSE CODE	E6-2019 **SEMESTER** 5th
COURSE TITLE	STATISTICAL DATA ANALYSIS I

TEACHING ACTIVITIES *in case the ECTS Credits are distributed in distinct parts of the course e.g. lectures, labs etc. If the ECTS Credits are awarded to a course as a whole, then please note down the teaching hours per week and the corresponding ECTS Credits.*	**TEACHING HOURS PER WEEK**	**ECTS CREDITS**
	3	5
Add lines if necessary. The teaching organization and methods used are described in the point 4.		

COURSETYPE *Background, General Knowledge, Scientific Area, Skill Development*	BACKGROUND
PREREQUISITES:	YES
TEACHING & EXAMINATION LANGUAGE:	GREEK
COURSE OFFERED TO ERASMUSSTUDENTS:	NO
URL COURSE:	https://eclass.duth.gr/courses/KOM08131/

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.
The main objectives of the course is to understand the most important methods and techniques based on the science of statistics and in combination with the corresponding qualitative methods complete the research toolkit of a modern social scientist and researcher. This course is relevant with the corresponding theory courses, as its goal is to familiarize students with the processes of creating social theories and hypotheses. In addition, familiarity with research methods allows the critical evaluation of research efforts and the distinction of qualitative social research from "research" that does not meet the necessary specifications. The application of the most important statistical methods and tools in data processing issues will be applied by using the SPSS statistical package. Particular emphasis will be placed on the processing of research data related to the investigation and formulation of measures and policies in the field of Social Work. Upon completion of the course, students process data in the field of Social Sciences, and prepare reports with the results of the analysis they have carried out.
General Skills
Search, analysis and synthesis of data and information, using the necessary technologies Decision making Autonomous work Project design and management Promoting free, creative and inductive thinking

3. COURSE CONTENT

1. Data entry in SPSS (quantitative, qualitative, multiple choice questions (Multiple Responses)).
2. Data entry in SPSS (quantitative, qualitative, multiple choice questions (Multiple Responses)).
3. Grouping of quantitative data.
4. Data presentation - Frequency tables.
5. Data presentation - Graphs.
6. Data presentation - Multiple answers.
7. Data Presentation - Crosstabulation.
8. Data processing - Statistical measures (Descriptive).
9. Data processing - Statistical measures (Descriptive).
10. Data Processing - Explore.
11. Data Processing - Explore.
12. Data processing - Independence test (Test of independence).
13. Data processing - Independence test (Test of independence).

4. LEARNING & TEACHING METHODS - EVALUATION

TEACHINGMETHOD *Face to face, Distance learning, etc.*	Face to face
USEOF INFORMATION&COMMUNICATIONSTECHNOLOGY(ICT) *Use of ICT in Teaching, in Laboratory Education, in Communication with students*	Use of ICT in Teaching and in Communication with students

TEACHING ORGANIZATION		
The way 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 student study hours for each learning activity are listed as well as the non-guided study hours so that the total workload at the semester level corresponds to the ECTS standards.*	**Activity**	**Workload/semester**
	Lectures	40
	Laboratory Exercise	30
	Bibliographic research& analysis	30
	Tutoring	25
	Total	**125**

STUDENT EVALUATION	
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, Public Presentation, Laboratory Report, Clinical examination of a patient, Artistic interpretation, Other/Others* *Explicitly defined assessment criteria and if and where are accessible to students are mentioned.*	Assessment Language Greek Assessment Methods A written examination at the end of the semester (100%) Optional work during the semester (+20%)

5. SUGGESTED BIBLIOGRAPHY

Γναρδέλλης, Χ. (2013). *Ανάλυση Δεδομένων με το IBM SPSS STATISTICS 21*. Εκδόσεις Παπαζήσης, Αθήνα.

Δαφέρμος, Β. (2011). *Κοινωνική Στατιστική και Μεθοδολογία Έρευνας με το SPSS*. Εκδόσεις Ζήτη, Θεσσαλονίκη.

Δημητριάδης, Ε. (2016). *Στατιστική Επιχειρήσεων με εφαρμογές σε SPSS και LISREL*. Εκδόσεις Κριτική, Αθήνα.

ΜΟ.ΔΙ.Π.

ΔΗΜΟΚΡΙΤΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΡΑΚΗΣ

ANNEX OF THE COURSE OUTLINE

Alternative ways of examining a course in emergency situations

Teacher (full name):	Charalampos Tsairidis
Contact details:	xtsairid@sw.duth.gr
Supervisors:	YES
Evaluation methods:	Written distance examination through Open eclass and oral distance examination through Microsoft Teams
Implementation Instructions:	The examination of the course will be carried out through the Open eclass and Microsoft Teams applications. The link will be sent to students through Open eclass exclusively to the institutional accounts of those who have registered for the course and have learned the terms of distance education. Students will have to log in to the examination room through their institutional account, otherwise they will not be able to participate. They will also take part in the examination with a camera which they will have open during the examination. Before the examination starts, students will show their identity to the camera, so that they can be identified. The topics will be posted in Open eclass and the answers will be sent ONLY in Open eclass.