COURSE OUTLINE

(1) GENERAL

SCHOOL	ITERNATIONAL STUDIES, COMMUNICATION and CULTURE
DEPARTMENT	ITERNATIONAL EUROPEAN and REGIONAL STUDIES
LEVEL OF STUDY	Undergraduate

COURSE CODE	478	**SEMESTER OF STUDY**	ΣΤ

COURSE TITLE	**QUANTITAVE METHODS FOR SOCIAL SCIENES I**

SELF-ENDED TEACHING ACTIVITIES In case the credits are awarded in separate parts of the course, e.g. Lectures, Laboratory Exercises, etc. If the credits are awarded uniformly for the entire period, enter the weekly teaching hours and total credits.	**WEEKLY TEACHING HOURS**	**CREDIT UNITS**
	3	6
Add rows if necessary. The teaching organization and methods are described in detail in (d).		

COURSE TYPE *general knowledge, special knowledge, skill development*	General knowledge, skill development
PREREQUISITE COURSES:	NONE
TEACHING and EXAMINATION LANGUAGE:	Greek
THE COURSE IS OFFERED TO ERASMUS STUDENTS	No
COURSE WEBSITE (URL)	www.mastroyiannis.gr kai https://openeclass.panteion.gr/courses/TME132/

(2) LEARNING OUTCOMES

Learning outcomes

The course's learning outcomes are described as the specific knowledge, skills and abilities of an appropriate level that the students will acquire after successfully completing the course.
Consult Appendix A
• Description of the Level of Learning Outcomes for each course of study according to the Qualifications Framework of the European Higher Education Area
• Descriptive Indicators for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Annex B
• Comprehensive Guide to Writing Learning Outcomes

The purpose of the course is to familiarize students with basic concepts of quantitative research. Emphasis is placed on the thorough analysis of the methodological tools of Descriptive Statistics, the basic principles of Probability Theory and Inductive Statistical Analysis.

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General Competences
They are considering the general skills that the graduate must have acquired (as stated in the Diploma Appendix and listed below); which / which of them is the course aimed at?

Search, analysis and synthesis of data and information using the necessary technologies.	*Project planning and management*
Adaptation to new situations	*Respect for diversity and multiculturalism*
Decision making	*Respect for the natural environment*
Autonomous work	*Demonstrating social, professional and ethical responsibility and sensitivity to gender issues*
Teamwork	*Exercise criticism and self-criticism.*
Work in an international environment.	*Promotion of free, creative and inductive thinking*
Work in an interdisciplinary environment.	*Others*
Generating new research ideas	

- Search, analysis and synthesis of data and information using the necessary technologies.
- Adaptation to new situations
- Decision making
- Autonomous work
- Generation of new research ideas
- Exercise criticism and self-criticism

- Promotion of free, creative and inductive thinking

(3) COURSE CONTENT

The subject areas covered are: Basic Concepts of Statistics, Descriptive Statistics: Numerical Methods, Descriptive Statistics: Graphs, Methods of Data Organization and Presentation, Theory and Probability Distributions: Uncertainty, Random Effects, Random Variables, Basic probability-theoretic models of wide application in the social sciences, Inductive Statistics: Basic Methods of Polling and Sampling, Inductive Statistics: Point Estimation, Confidence Interval, Hypothesis Testing, Regression.

(4)

(5) TEACHING AND LEARNING METHODS – EVALUATION

TEACHING METHOD *Face-to-face, Distance learning etc.*	Face to face
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES *Use of I.C.T. in Teaching, Laboratory Education, in Communication with students Χρήση Τ.Π.Ε. στη Διδασκαλία, στην Εργαστηριακή Εκπαίδευση, στην Επικοινωνία με τους φοιτητές*	*Use of I.C.T. in Teaching, in weekly progress and the final written exam, in teaching support, as well as in Communication with students*

TEACHING ORGANIZATION
The way and methods of teaching are described in detail. Lectures, Seminars, Laboratory Exercises, Field Exercises, Literature Study & Analysis, Tutorials, Internships (Placement), Clinical Exercises, Art Workshops, Interactive Teaching, Educational Visits, Study Preparation (Projects), Writing Papers / Assignments, Artistic Creation, etc. The student's study hours are listed for each learning activity, and the hours of unguided study according to ECTS principles Activity Semester Workload.

ACTIVITY	SEMESTER WORKLOAD
Lectures	48
Weekly exams	42
Unguided Study	50
Final exam	40
Total Course (30 hours per ECTS)	**180**

STUDENT EVALUATION
Description of the evaluation process Assessment Language, Assessment Methods, Formative or Deductive, Multiple Choice Tests, Short Answer Questions, Essay Development Questions, Problem Solving, Written Assignments, Report / Report, Oral Examination, Public Presentation, Laboratory Work, Clinical Patient Examination, Artistic Interpretation, Other / Others
Explicitly defined evaluation criteria are mentioned, and if and where they are accessible to students.

Description of the evaluation process
- Optional weekly advances: Improve your final written exam grade from 0% up to 20%
- Written exam at the end of the semester: 100%

Student Assessment Methods
- Weekly Progress (Formative, Deductive, Test, Multiple Choice, Short Answer, Exercises, and Problem-Solving)
- Written Examination (Formative, Conclusive, Test, Multiple Choice, Short Answer, Exercises, and Problem-Solving)
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(6)