

COURSE OUTLINE

1. GENERAL INFORMATION

SCHOOL	MANAGEMENT, ECONOMICS AND SOCIAL SCIENCES		
PROGRAM COURSE	PUBLIC ECONOMICS AND POLICY		
LEVEL OF STUDY	POSTGRADUATE		
MODULE CODE	520103001	YEAR OF STUDY	2 nd
MODULE TITLE	Research Methodology and Statistical Analysis		
INDEPENDENT TEACHING ACTIVITIES <i>in case credits are awarded for separate components/parts of the course, e.g. in lectures, laboratory exercises, etc. If credits are awarded for the entire course, give the weekly teaching hours and the total credits</i>		HOURS	CREDIS
	Weekly teaching hours * 13 weeks	3	7.5 ECTS
COURSE TYPE Compulsory, Optional, Optional mandatory	Compulsory		
PREREQUISITE MODULES:	no		
LANGUAGE OF INSTRUCTION AND EXAMS	GREEK		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	No (due to annual duration of the module)		
MODULE WEBSITE (URL)	<p>Each module has its own space in the moodle system of University of West Attica (http://uniwa/moodle.gr), with controlled access (use of code) for students and teaching staff.</p> <p>https://moodle.uniwa.gr/course/view.php?id=2681</p> <p>https://mpep.uniwa.gr/wp-content/uploads/2019/11/seminario_diplomatikis.pdf</p>		

2. LEARNING OUTCOMES

<p>Learning Outcomes</p> <ul style="list-style-type: none"> The course learning outcomes, specific knowledge, skills and competences of an appropriate (certain) level, which students will acquire upon successful completion of the course, are described in detail. It is necessary to consult:
<p>The purpose of the seminar is to introduce students to the basic conceptual research approaches. To present the basic forms of methodology and the corresponding research tools (quantitative or qualitative). At the same time, the main objective is for the students to acquire the appropriate knowledge in order to be able to structure a scientific study.</p> <p>Another goal is the introduction to the SPSS statistical package for data description, hypothesis testing and factor analysis. The student has to be able to know how to support his conclusions with statistical methods.</p> <p>Upon successful completion of the seminar, the student is able to write a thesis that is a necessary condition for obtaining the degree</p>
<p>General Competences</p> <p>Taking into consideration the general competences that students/graduates must acquire (as those are described in the Diploma Supplement and are mentioned below), at which of the following does the course attendance aim?</p> <p>Search for, analysis and synthesis of data and Project planning and management</p>

<i>information by the use of appropriate technologies,</i>	<i>Respect for diversity and multiculturalism</i>
<i>Adapting to new situations</i>	<i>Environmental awareness</i>
<i>Decision-making</i>	<i>Social, professional and ethical responsibility and sensitivity to gender issues</i>
<i>Individual/Independent work</i>	<i>Critical thinking</i>
<i>Group/Team work</i>	<i>Development of free, creative and inductive thinking</i>
<i>Working in an international environment</i>
<i>Working in an interdisciplinary environment</i>	<i>(Other.....citizenship, spiritual freedom, social awareness, altruism etc.)</i>
<i>Introduction of innovative research</i>	
<ul style="list-style-type: none"> - Individual work - Teamwork - Planning and management of a project 	

3. MODULE CONTENT

<p>The course is organized around topics such as:</p> <p>Research idea Research design Literature search and review Formulation of research questions and research hypotheses Search for material and statistical data Defining the methodology in various case studies Sampling surveys - Types of sampling Determining sample size Questionnaire construction Measurement scales of qualitative and quantitative data Questionnaire validity and reliability Presentation and analysis of results Critical discussion and comparison of findings with other studies, Conclusions and suggestions for further research and analysis. Validity and reliability of questionnaire Presentation and analysis of results, Critical discussion and comparison of findings with other studies, Conclusions and suggestions for further research and analysis. Descriptive Statistics Hypothesis Testing Factor Analysis Preparation of research proposals</p>
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4. TEACHING METHODS--ASSESSMENT

MODES OF DELIVERY <i>Face-to-face, in-class lecturing, distance teaching and distance learning etc.</i>	Usually face-to-face (in-class lecturing). In some cases, distance teaching and distance learning is used.
USE OF INFORMATION AND COMMUNICATION TECHNOLOGY <i>Use of ICT in teaching, Laboratory Education, Communication with students</i>	I. Using a projector to present the lectures with the help of the power point program. II. Posting of lecture notes, assignment topics, assignment writing instructions, basic bibliography, further indicative Greek and foreign language bibliography as well as announcements on the Department's website (moodle).

	III. Regular communication with students via emails and use of a modern asynchronous learning platform.										
<p align="center">MODULE DESIGN</p> <p><i>Description of teaching techniques, practices and methods: Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, Internship, Art Workshop, Interactive teaching, Educational visits, projects, Essay writing, Artistic creativity, etc</i></p> <p><i>The study hours for each learning activity as well as the hours of selfdirected study are given following the principles of the ECTS.</i></p>	<table border="1"> <thead> <tr> <th><i>Activity</i></th> <th><i>Annual Workload</i></th> </tr> </thead> <tbody> <tr> <td><i>Lectures in class</i></td> <td align="center">39</td> </tr> <tr> <td><i>Preparation of research proposal</i></td> <td align="center">97,5</td> </tr> <tr> <td><i>Study</i></td> <td align="center">51</td> </tr> <tr> <td>Total (hours)</td> <td align="center">187,5</td> </tr> </tbody> </table>	<i>Activity</i>	<i>Annual Workload</i>	<i>Lectures in class</i>	39	<i>Preparation of research proposal</i>	97,5	<i>Study</i>	51	Total (hours)	187,5
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<p align="center">STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS</p> <p><i>Detailed description of the evaluation procedures.</i></p> <p><i>Language of evaluation, assessment methods, formative or summative (conclusive), multiple choice tests, short- answer questions, open-ended questions, problem solving, written work, essay/report, oral exam, presentation, laboratory work, otheretc.</i></p> <p><i>Specifically defined evaluation criteria are stated, as well as if and where they are accessible by the students</i></p>	<p>Presentation of the research proposal to a scientific audience describing the objectives, research questions, methodology and expected results.</p>										

(6) SUGGESTED BIBLIOGRAPHY

<ul style="list-style-type: none"> • -Θεοφανίδης Στ. (2002) Μεθοδολογία της επιστημονικής σκέψης και έρευνας Μπένου Γ • Θ. Καλφόπουλος, (επιμ.), Η Ποιοτική Παράδοση στις Κοινωνικές Επιστήμες, Αθήνα: Κάπολα Κων. Παγώνα Εκδόσεις - Εκθέσεις - Μελέτες, 2003. • Α. Λυδάκη, Ποιοτικές Μέθοδοι της Κοινωνικής Έρευνας, Αθήνα: Καστανιώτης Α.Ε., 2001. • Τσιπλητάρης Αθ. Μπαμπάλης Θ (2011) Δέκα παραδείγματα μεθοδολογίας επιστημονικής έρευνας Διάδραση • Φράγγος Χρ 2004 Μεθοδολογία έρευνας και ανάλυση δεδομένων • Earl Babbie, (2011), Εισαγωγή στην κοινωνική έρευνα, Αθήνα, Εκδόσεις Κριτική Α.Ε. • J W. Creswell (2012) Εκπαιδευτική έρευνα. Σχεδιασμός, διεξαγωγή και αξιολόγηση της ποσοτικής και ποιοτικής έρευνας Ελλην • M. Grawitz, Μέθοδοι των Κοινωνικών Επιστημών, Τόμοι Α΄ και Β΄, Αθήνα: Βιβλιόπολις Α.Ε.Β.Ε. Προϊόντα Πνευματικής Δημιουργίας, 2006. • Ζαφειρόπουλος Κ., (2015), «Πώς γίνεται μια επιστημονική εργασία;», Αθήνα: Εκδόσεις Κριτική • Χαλικιάς Μ. Σαμαντά Ε. (2016), «Μεθοδολογία Έρευνας», Αθήνα: Εκδόσεις Σύγχρονη

Εκδοτική

- J Mason 2003 Η διεξαγωγή της ποιοτικής έρευνας Ελληνικά γράμματα