

MSc Applied Economics
Specialization : Public and Local Government Organization Management

1st Semester

MSc Applied Economics with specialization in Public and Local Government Organization Management		
MODULES	TYPE	ECTS
Public Organizations Management	COMPULSURY	7
Public Economics	COMPULSURY	7
Spatial Development and Strategic Planning	COMPULSURY	7
Applied Economic Analysis	COMPULSURY	7
Research Methodology Seminar I	COMPULSURY	2

PUBLIC ORGANIZATIONS MANAGEMENT

1.GENERAL			
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS		
DEPARTMENT	DEPARTMENT OF ECONOMICS		
LEVEL OF STUDIES	POSTGRADUATE LEVEL		
MODULE CODE		SEMESTER OF STUDY	A
MODULE TITLE	PUBLIC ORGANIZATIONS MANAGEMENT		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS	
	3 HOURS	7	
TYPE OF MODULE	COMPULSORY		
PREREQUISITE MODULES:	NO		
LANGUAGE OF TEACHING AND TESTING:	GREEK		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO		
MODULE'S URL	https://eclass.uth.gr/courses/ECON_P_113/		
2. LEARNING OUTCOMES			
Learning Outcomes			
<p>Upon completion of the course, participants are expected to:</p> <ol style="list-style-type: none"> a. Be able to set goals, plan and monitor activities on behalf of public organization b. understand the contemporary international reality in the public sector c. can identify good practices in public management d. understand and be able to manage the challenges within public organizations e. realize the value of the contribution of employees to the achievement of the objectives of public organizations 			
General Competencies			
<p>Upon successful completion of the module, students will develop and cultivate basic professional and social skills, namely:</p>			

<ul style="list-style-type: none"> f. Search, analysis and synthesis of data and information, using necessary technologies g. Decision making h. Autonomous work i. Exercise criticism and self-criticism j. Promotion of free, creative, and inductive thinking 																						
3. MODULE CONTENT																						
<ul style="list-style-type: none"> k. Particularities of the public sector l. Programming m. Basic management theories n. The environment of the public sector o. Organizing in public organizations p. Communication in public organizations q. Leading in public organizations r. Controlling in public organizations s. Management of changes and innovations in public organizations t. Special issues in the administration of public organizations 																						
4. TEACHING AND LEARNING METHODS EVALUATION																						
TEACHING METHOD	Mixed																					
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Learning process support through the e-class online platform, email, MS TEAMS																					
ORGANISATION OF TEACHING	<p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Type</th> <th style="text-align: left;">Description</th> <th style="text-align: right;">WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td style="text-align: right;">39</td> </tr> <tr> <td></td> <td>Study at home</td> <td style="text-align: right;">120</td> </tr> <tr> <td></td> <td>Preparation for the final exam</td> <td style="text-align: right;">40</td> </tr> <tr> <td></td> <td>Final Examination</td> <td style="text-align: right;">2</td> </tr> <tr> <td></td> <td>Final Examination</td> <td style="text-align: right;">2</td> </tr> <tr> <td></td> <td>Total</td> <td style="text-align: right;">201</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	39		Study at home	120		Preparation for the final exam	40		Final Examination	2		Final Examination	2		Total	201
Type	Description	WORKLOAD (HOURS)																				
	Lectures	39																				
	Study at home	120																				
	Preparation for the final exam	40																				
	Final Examination	2																				
	Final Examination	2																				
	Total	201																				
MODULE ASSESSMENT	Written exam																					

5. RECOMMENDED BIBLIOGRAPHY	
<i>Suggested Bibliography:</i>	<p>Textbooks in Greek</p> <p>Πετρίδου, Ε. (2011). Διοίκηση-Μάνατζμεντ. Εκδόσεις Σοφία.</p> <p>Φαναριώτης, Π. (1999). Διοίκηση Δημοσίων Υπηρεσιών και Οργανισμών – Εισαγωγή στο Σύγχρονο Δημόσιο Μάνατζμεντ. Εκδόσεις Σταμούλη.</p> <p>Ραμματά, Μ. (2011). Σύγχρονη Ελληνική Δημόσια Διοίκηση. Εκδόσεις Κριτική.</p> <p>Μακρυδημήτρης, Α. (2009). Προσεγγίσεις στη Θεωρία των Οργανώσεων. Εκδόσεις Καστανιώτη.</p> <p>Μακρυδημήτρης, Α. & Πραβίτα, Μ. (2012). Δημόσια Διοίκηση: Στοιχεία Διοικητικής Οργάνωσης. Εκδόσεις Σάκκουλα.</p> <p>Ρωσσίδης, Ι. (2013). Εφαρμογές του Επιχειρησιακού Μάνατζμεντ στην Ελληνική Δημόσια Διοίκηση. Εκδόσεις Σταμούλη.</p>

PUBLIC ECONOMICS

1.GENERAL		
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS	
DEPARTMENT	DEPARTMENT OF ECONOMICS	
LEVEL OF STUDIES	POSTGRADUATE LEVEL	
MODULE CODE	SEMESTER OF STUDY	A
MODULE TITLE	PUBLIC ECONOMICS	
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS
	3 HOURS	7
TYPE OF MODULE	COMPULSORY	
PREREQUISITE MODULES:	NO	
LANGUAGE OF TEACHING AND	GREEK	

TESTING:	
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO
MODULE'S URL	https://applied.econ.uth.gr/courses/%ce%b4%ce%b7%ce%bc%cf%8c%cf%83%ce%b9%ce%b1-%ce%bf%ce%b9%ce%ba%ce%bf%ce%bd%ce%bf%ce%bc%ce%b9%ce%ba%ce%ae/
2. LEARNING OUTCOMES	
Learning Outcomes	
<p>Upon completion of the course, participants are expected to:</p> <ul style="list-style-type: none"> ○ understand in depth the government's interventionism in the economy, and also the aims and objectives this function serves ○ analyze the economic effects of fiscal tools, namely spending & taxation, on the economy and economic activity ○ comprehend the role and effect of the context set by the EU and the eurozone environment with emphasis on the exercise of fiscal policy ○ realize the constraints of fiscal policy and the relationship with the electoral and political cycle 	
General Competencies	
<p>The course aims to help students deepen and specialize their knowledge of public economics and the functioning of the government as a producer of public and social goods such as health, security, education, justice, national defense as well as issues relating to the exercise of fiscal policy.</p>	
3. MODULE CONTENT	
<p>The course focuses on the analysis of government intervention in the economy and the production of public and social goods, the exercise of fiscal policy, the critical examination of the aims and objectives of government intervention. Issues such as the fiscal budget, electoral cycle and fiscal policy, public choice theory and the conditions for government intervention in the economy to be socially beneficial, are examined.</p> <p>The main issues of the course include subjects such as: Theories on the role of the government, the nature and characteristics of public goods, fiscal budgeting: public expenditures and revenues with an emphasis on Greece, fiscal deficits and public debt with an emphasis on the case of Greece</p>	
4. TEACHING AND LEARNING METHODS EVALUATION	
TEACHING METHOD	Mixed
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	The learning process is supported through the course's e-class online platform, the use of the official email of the department to communicate with students, and MSTEAMS

ORGANISATION OF TEACHING	<p>The lectures of the course takes place in the amphitheaters of the Department of Economics. Informational and learning material is distributed through the e-class platform.</p> <p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1" data-bbox="563 398 1278 1003"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td>39</td> </tr> <tr> <td></td> <td>Study at home</td> <td>80</td> </tr> <tr> <td></td> <td>Completion of assignments</td> <td>50</td> </tr> <tr> <td></td> <td>Preperation for the final exam</td> <td>39</td> </tr> <tr> <td></td> <td>Final Examination</td> <td>2</td> </tr> <tr> <td></td> <td>Total</td> <td>210</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	39		Study at home	80		Completion of assignments	50		Preperation for the final exam	39		Final Examination	2		Total	210
Type	Description	WORKLOAD (HOURS)																				
	Lectures	39																				
	Study at home	80																				
	Completion of assignments	50																				
	Preperation for the final exam	39																				
	Final Examination	2																				
	Total	210																				
MODULE ASSESSMENT	Assignment (40%) and final exam (60%)																					
5. RECOMMENDED BIBLIOGRAGHY																						
<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> ○ Rosen, H., T. Gayer, B. Ράπανος, & Γ. Καπλάνογλου (2009) Δημόσια Οικονομική, Τόμος Α&Β Εκδόσεις Κριτική ○ Stiglitz, J. (2009), Οικονομική του Δημόσιου Τομέα, Εκδόσεις Κριτική. ○ Δαλαμάγκας, Β. (2003) Εισαγωγή στη Δημόσια Οικονομική, Εκδόσεις Κριτική ○ Γεωργακόπουλος, Θ. (1997) Εισαγωγή στη Δημόσια Οικονομική, Εκδόσεις Μπένου ○ Κόλλιας, Χ, & Ζουμπουλάκης, Μ. (2021), <i>Εθνική άμυνα και εθνικά χρέη</i>. Gutenberg. 																					

SPATIAL DEVELOPMENT AND STRATEGIC PLANNING

1.GENERAL	
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS
DEPARTMENT	DEPARTMENT OF ECONOMICS
LEVEL OF STUDIES	POSTGRADUATE LEVEL

MODULE CODE		SEMESTER OF STUDY	A
MODULE TITLE	SPATIAL DEVELOPMENT AND STRATEGIC PLANNING		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS	
Lectures – assignments	3 HOURS	7	
TYPE OF MODULE	Compulsory course		
PROREQUISITE MODULES:	NO		
LANGUAGE OF TEACHING AND TESTING:	GREEK		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO		
MODULE'S URL	https://eclass.uth.gr/courses/ECON_P_188/		
2. LEARNING OUTCOMES			
Learning Outcomes			
Upon completion of the course students are expected to:			
<ul style="list-style-type: none"> • understand the concept of territory at different spatial scales, and the scope of regional science • understand the basic principles of spatial development and competitiveness theories • understand the broader economic, social, political and technological changes which are redefining the dynamics of spatial development • understand the concept of strategic planning and its role in development • understand the levels of strategic planning • analyse development dynamics at the local level • follow the development of strategic plans and spatial development programmes • understand the dimensions and implement policies and actions based on local specificity, uniqueness and dynamics 			
General Competencies			
It is useful students to have general knowledge and analytical skills concerning the spatial organisation of the economy at different spatial scales (urban, regional, national) and basic knowledge of economics			

3. MODULE CONTENT													
<ol style="list-style-type: none"> 1. SPATIAL DEVELOPMENT, REGIONAL SCIENCE AND OTHER METHODOLOGICAL ISSUES 2. STRUCTURAL CHANGES AND THE ORGANISATION OF SPACE 3. THEORIES OF REGIONAL DEVELOPMENT AND SPATIAL DISPARITIES 4. LOCAL ECONOMIC DEVELOPMENT 5. DIMENSIONS AND MEANS OF REGIONAL POLICY IMPLEMENTATION 6. THE COMMONS: AN ALTERNATIVE PARADIGM FOR BOTTOM-UP DEVELOPMENT 7. STRATEGIC AND TACTICAL PLANNING 8. POLICIES AND PLANNING TOOLS FOR DEVELOPMENT 9. BUSINESS PLANS: ANALYSIS - ROLES - PARTICIPATORY PROCESS 10. SPECIFIC DEVELOPMENT ISSUES WITH A FOCUS ON TOURISM, CULTURE AND THE ENVIRONMENT 11. DEVELOPMENT PROGRAMMES, STRATEGIC PLANNING AND NEW FORMS OF DEVELOPMENT 													
4. TEACHING AND LEARNING METHODS EVALUATION													
TEACHING METHOD	In-person/ Online/ Mixed												
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Support for the learning process through the e-class platform and MTeams. Communication via email.												
ORGANISATION OF TEACHING	<p>The delivery of the course takes place in the classrooms of the Department of Economics. Informative and educational material is distributed through the course page in the e-class</p> <p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Type</th> <th style="width: 60%;">Description</th> <th style="width: 25%;">WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td></td> <td style="text-align: center;">39</td> </tr> <tr> <td>Study at home</td> <td></td> <td style="text-align: center;">60</td> </tr> <tr> <td>Completion of assignments</td> <td></td> <td style="text-align: center;">60</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)	Lectures		39	Study at home		60	Completion of assignments		60
Type	Description	WORKLOAD (HOURS)											
Lectures		39											
Study at home		60											
Completion of assignments		60											

	<table border="1"> <tr> <td>Preperation for the final exam</td> <td>21</td> </tr> <tr> <td>Final Examination</td> <td>2</td> </tr> <tr> <td>Total</td> <td>182</td> </tr> </table>	Preperation for the final exam	21	Final Examination	2	Total	182
Preperation for the final exam	21						
Final Examination	2						
Total	182						
MODULE ASSESSMENT	Written examinations or individual or group assignments						
5. RECOMMENDED BIBLIOGRAGHY							
<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> • Armstrong H.W. and Taylor J. (2000) <i>Regional economics and policy</i>, Blackwell • Pike A., Rodriguez-Pose A. and Tomaney J. (2006) <i>Local and regional development</i>, Routledge • Πετράκος Γ. και Ψυχάρης Γ. (2016) <i>Περιφερειακή Ανάπτυξη στην Ελλάδα</i>, 2η εκδ. Κριτική • Πολύζος Σ. (2011) <i>Περιφερειακή Ανάπτυξη</i>, Κριτική 						

APPLIED ECONOMIC ANALYSIS

1.GENERAL		
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS	
DEPARTMENT	DEPARTMENT OF ECONOMICS	
LEVEL OF STUDIES	POSTGRADUATE LEVEL	
MODULE CODE		SEMESTER OF STUDY A
MODULE TITLE	APPLIED ECONOMIC ANALYSIS	
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS
LECTURES	3 HOURS	7
TYPE OF MODULE	COMPULSORY	
PROREQUISITE MODULES:	NO	
LANGUAGE OF TEACHING AND	GREEK	

TESTING:	
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO
MODULE'S URL	https://eclass.uth.gr/courses/ECON_P_187/
2. LEARNING OUTCOMES	
Learning Outcomes	
<p>Upon completion of the course, participants are expected to:</p> <ul style="list-style-type: none"> ○ understand sufficiently the basic economic concepts concerning the markets, the sectors of government's policy in the economy, and also fundamentals of the money markets and international transactions ○ distinguish and apprehend the interdependence between internal and external factors of markets 	
General Competencies	
<p>The course aims to introduce in a critical way the basics of contemporary Economic Analysis. Emphasis is given on the fundamental problems of the operation of the markets on the micro and the macro level. The course demands little or no previous knowledge of economics. The course focuses on the conceptual aspects of economic reasoning and not on the theoretical or mathematical demonstrations of economic theorems, in a way to make students able to understand the major aspects of the functioning of markets, their failures and remedies.</p>	
3. MODULE CONTENT	
<p>A) MICROECONOMIC THEORY: Demand and supply theory, Cost and production analysis, Forms of competition, Market Failures, Theory and Evolution of Firms, Transaction Costs Theory.</p> <p>B) FUNDAMENTAL MACROECONOMIC INDICATORS- BALANCE OF TRADE AND CURRENT TRADE BALANCE</p> <p>C) MONETARY THEORY AND POLICY</p>	
4. TEACHING AND LEARNING METHODS EVALUATION	
TEACHING METHOD	Mixed
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	The learning process is supported through the course's e-class online platform, the use of the official email of the department to communicate with students, and MSTEAMS
ORGANISATION OF TEACHING	<p>The lectures of the course takes place in the amphitheaters of the Department of Economics. Informational and learning material is distributed through the e-class platform.</p> <p>More specifically, the workload of the module is analyzed as follows:</p>

Type	Description	WORKLOAD (HOURS)
	Lectures	39
	Study at home	60
	Completion of assignments	40+2
	Preperation for the final exam	36
	Final Examination	3
	Total	180

MODULE ASSESSMENT	Two compulsory tests (40%), Participation (10%), final exam (50%)
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5. RECOMMENDED BIBLIOGRAGHY	
<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> ○ Βαρουφάκης, Γ. (2007), Πολιτική Οικονομία, Αθήνα, Gutenberg. ○ Bowles S, R. Edwards, & F. Roosevelt, (2005), Κατανοώντας τον Καπιταλισμό, ελλ. μτφ Αθήνα, Gutenberg 2014, Επιμέλεια μτφ Μ. Ζουμπουλάκης. ○ Krugman, P. & R. Robin (2014), Μακροοικονομική σε διδακτικές ενότητες, ελλ. μτφ Αθήνα, Gutenberg 2018. ○ Nicholson, W., (2005), Μικροοικονομική Θεωρία, ελλ. μτφ. Εκδ. Κριτική, 2008. ○ Mankiw, G., Taylor, M.P and Ashwin, A. (2012) Οικονομική των επιχειρήσεων, ελλ. μτφ. Εκδ. Κριτική, 2018

RESEARCH METHODOLOGY SEMINAR I

1.GENERAL			
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS		
DEPARTMENT	DEPARTMENT OF ECONOMICS		
LEVEL OF STUDIES	POSTGRADUATE LEVEL		
MODULE CODE		SEMESTER OF STUDY	A
MODULE TITLE	Research Methodology seminar I		
INDEPENDENT TEACHING ACTIVITIES		WEEKLY TEACHING HOURS	ECTS
			2
TYPE OF MODULE	COMPULSORY		
PROREQUISITE MODULES:	NO		

LANGUAGE OF TEACHING AND TESTING:	GREEK
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO
MODULE'S URL	eclass.uth.gr
2. LEARNING OUTCOMES	
<p>Students will be able to do the following:</p> <ul style="list-style-type: none"> - To plan a proper design of a research as well as the identification of the central question and the relative assumptions is a necessary precondition for the scientific analysis of any social and economic phenomenon. - To implement several research methods that based on (i) specific principles and concepts, (ii) selection of appropriate research tools concerning the preparation and implementation of the research (collection and organization of information in databases, sample, sampling procedures, questionnaires, and interviews) and finally (iii) tools and methods for evaluation and analysis of the collected data / information. - To understand the practice of empirical scientific research which, under an appropriate methodological design, ensures objective measurements and estimations of the examined phenomena and allows the systematic verification of the research's hypotheses. 	
General Competencies	
<ul style="list-style-type: none"> • Research and analysis of complicate data with the use of the appropriate methods and tools • Capacity to develop autonomous work • Capacity to develop team work • Working in a multidisciplinary environment • Production of new innovative research ideas 	
3.MODULE CONTENT	
<p>The primary objective of this course is to provide students with adequate knowledge on the logical path of scientific research and the choice of appropriate methods – tools for the analysis of the potential development issues. This specialized knowledge gives to students the opportunity both to design and implement a research and to acquire critical thinking necessary to solve complex issue and problems.</p> <p>Consequently, the course includes the following:</p> <ol style="list-style-type: none"> 1. Concepts, principles, importance and purposes of scientific research 2. Identification and formulation of the central problem (research question) and of the assumptions 3. Investigation of the field, literature research 4. Structuring the analysis concerning, investigation of data resources: central assumptions, main themes for investigation, identification of quantitative and / or qualitative variables in the model, selection of appropriate research method 5. Specificities of primary and secondary research, search and selection of data sources 6. Implementation of tools for primary research: sample, sample size, sampling methods, alternative forms of questionnaires, coding questions.. 7. Data entry technics and reliability tests 8. Statistical analysis of data: (a) simple exploratory statistical analysis, (b) advanced exploratory analysis: Exploratory Factor Analysis (EFA) and Principal Component Analysis (PCA), (c) Confirmatory Factor Analysis (CFA), (d) regression and projections 9.Verification of the main assumptions of the model, discussion on the findings as regards existing theories and approaches, drawing conclusions. 	
4. TEACHING AND LEARNING METHODS EVALUATION	

TEACHING METHOD	Mixed (face to face and hybrid)																		
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	<ul style="list-style-type: none"> ➤ Use of e-platform, e-class ➤ Use of Ms-Teams programme 																		
ORGANISATION OF TEACHING	<p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Type</th> <th style="width: 60%;">Description</th> <th style="width: 25%;">WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td style="text-align: center;">20</td> </tr> <tr> <td></td> <td>Study at home</td> <td style="text-align: center;">15</td> </tr> <tr> <td></td> <td>Completion of assignments</td> <td style="text-align: center;">15</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Total</td> <td style="text-align: center;">50</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	20		Study at home	15		Completion of assignments	15					Total	50
Type	Description	WORKLOAD (HOURS)																	
	Lectures	20																	
	Study at home	15																	
	Completion of assignments	15																	
	Total	50																	
MODULE ASSESSMENT	<p>Final grade is derives from:</p> <p>Writing a scientific assignment (100%) 4.000-6.000 words based on Scientifics articles</p>																		
5. RECOMMENDED BIBLIOGRAGHY																			
<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> - Brotherton, B. (2008) <i>Researching Hospitality and Tourism: A Student Guide</i>, London και Thousand Oaks: Sage. - Δαφέρμος, Β. (2013), <i>Παραγοντική ανάλυση: Διερευνητική με SPSS και επιβεβαιωτική με το LISREL και το AMOS</i>, Θεσσαλονίκη: Ζήτη. - Ζαφειροπούλος, Κ. (2005), <i>Πως γίνεται μια επιστημονική εργασία</i>; Αθήνα: Κριτική. - Finn, M., Elliott-White, M., Walton. M. (2000) <i>Research Methods for Leisure and Tourism</i>, Harlow: Pearson Education. - Grawitz, M. (2006), <i>Μέθοδοι των κοινωνικών επιστημών</i>, Τόμος Α' και Β', Αθήνα: Οδυσσέας 																		

2nd Semester

MSc Applied Economics with specialization in Public and Local Government Organization Management		
MODULES	TYPE	ECTS
Total Quality Management	COMPULSORY	7
Administrative Law	COMPULSORY	7
European Institutions	COMPULSORY	7
Selective Modules *	SELECTIVE	7
Research Methods Seminar II	COMPULSORY	2

*Selective Modules- One of the following		
MODULES	TYPE	ECTS
Labour Relations	SELECTIVE	7
Measurement of Productivity and Efficiency	SELECTIVE	7
Real Estate Market	SELECTIVE	7

TOTAL QUALITY MANAGEMENT

1.GENERAL			
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS		
DEPARTMENT	DEPARTMENT OF ECONOMICS		
LEVEL OF STUDIES	POSTGRADUATE LEVEL		
MODULE CODE		SEMESTER OF STUDY	B
MODULE TITLE	TOTAL QUALITY MANAGEMENT		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS	
Lectures - Exercises - Actions	3 HOURS	7	
TYPE OF MODULE	COMPULSORY		
PROREQUISITE MODULES:	NO		
LANGUAGE OF TEACHING AND TESTING:	GREEK		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO		
MODULE'S URL	eclass.uth.gr		
2. LEARNING OUTCOMES			
Learning Outcomes			
<p>The primary aim of this course is to provide the student with the tools to answer the following questions:</p> <ul style="list-style-type: none"> • How can I determine and recognize the quality and quality processes in an economic unit? • How can I design a process using quality protocols? • How can I assess and measure the quality in the processes of an economic unit? • How should I manage to implement quality protocols in an economic unit? 			

General Competencies																			
<p>The student will have the ability to comprehend issues related to processes and quality control. They will be capable of understanding and implementing quality processes, process design, and control. They will possess the skills to measure the design of quality processes and quality management systems through statistical control. Additionally, they will have the capability to apply quality control tools and techniques, as well as organizational, design, and management techniques for the implementation of quality protocols.</p>																			
3. MODULE CONTENT																			
<ul style="list-style-type: none"> • Introduction to the basic concepts of total quality. • Overview of the fundamental theories of Total Quality Management. • Analysis of the specifications of major quality standards/awards. • Process analysis, process design, and development of high-quality systems. • Statistical process control. 																			
4. TEACHING AND LEARNING METHODS EVALUATION																			
TEACHING METHOD	in-person and remote activities or learning (hybrid)																		
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	<p>"Supporting the learning process through the e-class electronic platform. Using email and Microsoft Teams."</p> <p>This statement indicates the use of electronic platforms and communication tools like email and Microsoft Teams to facilitate and enhance the learning process.</p>																		
ORGANISATION OF TEACHING	<p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td>39</td> </tr> <tr> <td></td> <td>Study at home</td> <td>80</td> </tr> <tr> <td></td> <td>Preperation for the final exam</td> <td>90</td> </tr> <tr> <td></td> <td>Final Examination</td> <td>1</td> </tr> <tr> <td></td> <td>Total</td> <td>210</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	39		Study at home	80		Preperation for the final exam	90		Final Examination	1		Total	210
Type	Description	WORKLOAD (HOURS)																	
	Lectures	39																	
	Study at home	80																	
	Preperation for the final exam	90																	
	Final Examination	1																	
	Total	210																	

MODULE ASSESSMENT	100% Individual Presentation of a Scientific Article.
5. RECOMMENDED BIBLIOGRAGHY	
<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> • Juran, J. M., & De Feo, J. A. (2010). Juran's quality handbook: the complete guide to performance excellence. McGraw-Hill Education. • Oakland, J. S. (2003). Total quality management and operational excellence: text with cases. Butterworth-Heinemann. • Tague, N. (2004). The quality toolbox. Quality Press.

ADMINISTRATIVE LAW

1.GENERAL		
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS	
DEPARTMENT	DEPARTMENT OF ECONOMICS	
LEVEL OF STUDIES	POSTGRADUATE LEVEL	
MODULE CODE		SEMESTER OF STUDY A
MODULE TITLE	Administrative Law	
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS
Lectures – exercises - practice	3 HOURS	7
TYPE OF MODULE	COMPULSORY	
PROREQUISITE MODULES:	NO	
LANGUAGE OF TEACHING AND TESTING:	GREEK	
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO	
MODULE'S URL	eclass.uth.gr	
2. LEARNING OUTCOMES		

Learning Outcomes

This course is aiming to:

Provide theoretical knowledge in order to comprehend the meaning and basic concepts of administrative law

Explain in practice and through examples the principle of legality, the principle of good administration, the principle of proportionality, the principle of meritocracy and other basic principles of administrative law.

General Competencies

Upon completion of this course, participants are expected to :

- be able to know the legal rules governing the activities of the Public Administration
- be familiar with the legal rules governing the organisation of the Public Administration
- understand the pivotal role of the principle of legality, the principle of good administration, the principle of transparency, the principle of proportionality, the principle of meritocracy and the principle of efficiency in public administration
- grasp the importance of the rule of law in the control of the public administration
- be able to apply administrative law competently in practice

3. MODULE CONTENT

1. Introduction to Law and to Public Law

Public Law and Private Law. Constitutional Law. The Greek Constitution. State. Constitutional Institutions and Fundamental Rights. Legislative, executive and judicial power. The fundamental features of the Greek Constitution.

2. The sources of law. The sources of administrative law. Methodology of administrative law.

3. General Principles of Administrative Law. The Principles of administrative action and the principles of administrative organization. The principle of legality. Competence. Code of administrative procedure. The hierarchical structure of the executive branch.

4. Administrative Law: Substantive Administrative Law and Organizational Administrative Law. Administrative law and private law.

5. Administrative action. Categorization of administrative action. Administrative documents. Administrative acts. Categories of administrative acts. The article 43 par. 2 and 4 of the Greek Constitution.

6. Administration. Public Administration. Public Sector. Distinction between state functions. Executive function.

7. Central administration. Government. The Prime Minister. Government and Administration. Systems of administrative organization.

8. Decentralized administration. Local administration. Legal Persons. Categorization of public legal persons.

9. Independent Authorities. The Greek Ombudsman.

10. Hierarchical control and administrative supervision of administrative action. Judicial review. Parliamentary scrutiny.

11. The principle of transparency. The principle of good governance. The principle of proportionality. The principle of effectiveness. The principle of sound financial management. The principle of innovation. The principle of objectivity. The principle of impartiality. E-government.

12. Personnel Recruitment Law. The Law of the Supreme Council for Civil Personnel Selection (ASEP). The principle of meritocracy. Leadership in public sector.

13. Administrative science and administrative law. Critical review of Administrative Law

4. TEACHING AND LEARNING METHODS EVALUATION

TEACHING METHOD	Lectures/case studies
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USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Support of the learning process through the e-class platform. Use of email, MSTEAMS
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ORGANISATION OF TEACHING	The course takes place in the classrooms of the Department of Economics. Notes and materials are distributed through the course page in e-class and through reference to the electronic scientific open access journal DIMOSIO LAW (www.publiclawjournal.com) and other electronic open access scientific legal journals.																				
	<p>.....</p> <p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td>39</td> </tr> <tr> <td></td> <td>Study at home</td> <td>80</td> </tr> <tr> <td></td> <td>Completion of assignments</td> <td>50</td> </tr> <tr> <td></td> <td>Preperation for the final exam</td> <td>39</td> </tr> <tr> <td></td> <td>Final Examination</td> <td>2</td> </tr> <tr> <td></td> <td>Total</td> <td>210</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	39		Study at home	80		Completion of assignments	50		Preperation for the final exam	39		Final Examination	2		Total
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	Study at home	80																			
	Completion of assignments	50																			
	Preperation for the final exam	39																			
	Final Examination	2																			
	Total	210																			

MODULE ASSESSMENT	Written exam (80%) and individual assignment (20%).
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5. RECOMMENDED BIBLIOGRAGHY

<i>Suggested Bibliography:</i>	Tzemos V. G. (2013), <i>Organizational Administrative Law</i> , Athens: Nomiki Bibliothiki Editions [in Greek].
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	<p>Tzemos V. G., ed. (2023), <i>The Greek Supreme Council for Civil Personnel Selection (ASEP) and Human Resources in the Public Sector Law. A Commentary</i>, Athens: Nomiki Bibliothiki Editions [in Greek].</p> <p>Tzemos V. G., ed. (2020), <i>Personnel Recruitment Law. The Law of the Supreme Council for Civil Personnel Selection (ASEP)</i>, Athens: Nomiki Bibliothiki Editions [in Greek].</p> <p>Tzemos V. G. (2012), <i>The Greek Ombudsman</i>, Athens: Nomiki Bibliothiki Editions [in Greek].</p> <p>Tzemos V. G., "The Legal Maladministration", <i>Public Law 2017</i>, p. 95f. (www.publiclawjournal.com) [in Greek].</p> <p>Tzemos V. G. (2020), "The 'Mature' Proportionality" in Tzemos V. G., ed., <i>Ebook of the 6th Annual Congress of the Greek Public Law Association in Patras</i>, p. 10f. (www.dimosiodikaio.gr) [in Greek].</p> <p>-</p>
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EUROPEAN INSTITUTIONS

1.GENERAL		
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS	
DEPARTMENT	DEPARTMENT OF ECONOMICS	
LEVEL OF STUDIES	POSTGRADUATE LEVEL	
MODULE CODE		SEMESTER OF STUDY A
MODULE TITLE	EUROPEAN INSTITUTIONS	
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS
	3 HOURS	7
TYPE OF MODULE	COMPULSORY	
PREREQUISITE MODULES:	NO	
LANGUAGE OF TEACHING AND TESTING:	GREEK	
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO	
MODULE'S URL	eclass.uth.gr	

2. LEARNING OUTCOMES

Learning Outcomes

- have an understanding of the legal and institutional nature of the European project
- have an understanding of main pillars of the economic architecture of the European Union
- have an understanding of the role of the Member States in the European project, their obligations and rights and their interaction with the European supranational authority
- have an understanding of the functioning of the Union's economic processes and their impact on the state macro and micro finances of the Member States
- have an understanding of the role of the EU as a political and economic actor in the international system

General Competencies

Adapting to new situations and responding to new challenges
Decision making ability
Capacity of working self-sufficiently
Teamwork ability
Working in an international environment
Working in an interdisciplinary environment
Generating new research ideas

3. MODULE CONTENT

Despite its failures and inefficiencies, the EU is considered to be the most accomplished experiment of economic, social and political integration in human history. Given its inherent complexities, this Course aims at guiding the students through its the institutional labyrinth and the complexities of its policies but mainly through its constantly reshaping and reforming structure and architecture. As the European Union is one of the world's largest and most important economies, the course also has comparative perspective and aims at exploring its economic potential in the international economic system. A fundamental feature of the course refers to the role of the member states in the EU integration process and the interaction between the supranational EU authority and national sovereignty. The lectures range from considering the basic structures and principles of the European Union to focusing on various specialized areas of law. Each course will give the students an understanding of the laws and policies that regulate the internal market of European Union, the Constitutional Freedoms and Fundamental principles as well as of the relations between EU law with national laws.

4. TEACHING AND LEARNING METHODS EVALUATION

TEACHING METHOD

A balanced blend of formal and informal discussion, lecturing and assigning of home work

USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	e-class and MS TEAMS																					
ORGANISATION OF TEACHING	<p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td>39</td> </tr> <tr> <td></td> <td>Study at home</td> <td>80</td> </tr> <tr> <td></td> <td>Completion of assignments</td> <td>50</td> </tr> <tr> <td></td> <td>Preperation for the final exam</td> <td>39</td> </tr> <tr> <td></td> <td>Final Examination</td> <td>2</td> </tr> <tr> <td></td> <td>Total</td> <td>210</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	39		Study at home	80		Completion of assignments	50		Preperation for the final exam	39		Final Examination	2		Total	210
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	Preperation for the final exam	39																				
	Final Examination	2																				
	Total	210																				
MODULE ASSESSMENT	final oral or written exam.																					
5. RECOMMENDED BIBLIOGRAGHY																						
<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> - Ναπολέων Μαραβέγιας (επιμ.), Ευρωπαϊκή Ένωση. Δημιουργία Εξέλιξη Προοπτικές (Αθήνα: εκδόσεις Κριτική, 2016) - Σ. Βέρνου και Α. Κόντης (επιμ.), Ευρωπαϊκή Ολοκλήρωση. Οι πολλαπλές κρίσεις και οι προκλήσεις του μέλλοντος. Τιμητικός τόμος για τον Παναγιώτη Ιωακειμίδη (Αθήνα: Εκδοσεις Παπαζήση, 2017) - Οδυσσέας Σπηλιόπουλος, Δίκαιο της Ευρωπαϊκής Ένωσης και Οικονομική Ολοκλήρωση (Αθήνα: Εκδ. Διόνικος, 2010). 																					

Research Methods Seminar II

1.GENERAL			
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS		
DEPARTMENT	DEPARTMENT OF ECONOMICS		
LEVEL OF STUDIES	POSTGRADUATE LEVEL		
MODULE CODE		SEMESTER OF STUDY	A

MODULE TITLE	Research Methods Seminar II		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS	
Lectures and hands-on training	3 HOURS	2	
TYPE OF MODULE	COMPULSORY		
PREREQUISITE MODULES:	Research Methods Seminar I		
LANGUAGE OF TEACHING AND TESTING:	GREEK		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO		
MODULE'S URL	https://eclass.uth.gr/courses/ECON_P_190/		
2. LEARNING OUTCOMES			
Learning Outcomes			
<p>This seminar provides a comprehensive introduction of statistics for business and economics and an intensive, hands-on introduction to the principles and practice of data visualization. As a result of taking this course, the students should be able to: 1. Apply and interpret descriptive statistics. 2. Formulate, identify and apply inferential statistics. 3. Analyse the association of variables using regression and ANOVA analyses. 4. Conduct empirical work using statistical software and interpret results 5. Take their data from Excel into visualization software, transform it to easy-to-understand dynamic graphics and interactively explore what-if scenarios.</p>			
General Competencies			
<p>This course provides the elementary foundations in statistics as well as the prerequisites for understanding the trends and challenges in data analysis and visualization. The students will find the resources to learn the science behind data analysis, how businesses use data to their advantage. Utilizing the tools that support Business Intelligence can give organizations an edge, letting them make better, data-driven decisions.</p>			
3. MODULE CONTENT			
Learning module 1: Statistical analyses using statistical package IBM SPSS Statistics			
<ul style="list-style-type: none"> ▪ Data import, data management ▪ Quantitative and qualitative variables, attributes, scales of measurement (nominal, ordinal, interval and ratio). ▪ Importing a survey questionnaire to SPSS ▪ Data Presentation: tabular and graphical. Statistical charts, crosstabulation and independence of data with special reference to attributes. Coding, missing values, conditional and arithmetic operations. 			

- Descriptive statistics: measures of central tendency, measures of dispersion.
- Inferential statistics. Basic statistical tests in SPSS. T-tests, analysis of variance (ANOVA), Chi-square test and contingency tables.
- Bivariate data: Definition, scatter diagram, simple, partial and multiple correlation, determine the strength of the correlation via the correlation coefficient. Simple and multiple linear regression. Multiple linear regression assumptions and diagnostics.

Learning module 2: Visual analytics

- Basic plotting and visualization. Statistical and specialty plots in Business Intelligence and Analytics Software Tableau.
- Best practices for creating different plot types, motion charts, interactive visualizations.
- Building, sharing and customizing automated reports including data, text and graphics.

4. TEACHING AND LEARNING METHODS EVALUATION

TEACHING METHOD	In situ and online lectures with hands-on computer training classes.																					
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	<p>Teaching and learning process will be enhanced by eclass, email and MSTEAMS.</p> <p>Software licenses (IBM SPSS Statistics and Tableau latest versions) are offered to students at the beginning of the course. After completing the course, students have free one-year Tableau licenses through “Tableau for Students software licensing program”.</p>																					
ORGANISATION OF TEACHING	<p>The hands-on training is conducted in the Computer Lab. Hands-on exercises and relevant materials (software user manuals, e-books, dictionary of statistical terms, white papers) will be provided for students to try out the applications, and to experiment with data analysis and interpretation and analytical reasoning in reports.</p> <p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1" data-bbox="560 1346 1278 1944"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td>39</td> </tr> <tr> <td></td> <td>Study at home</td> <td>10</td> </tr> <tr> <td></td> <td>Completion of assignments</td> <td>-</td> </tr> <tr> <td></td> <td>Preparation for the final exam</td> <td>9</td> </tr> <tr> <td></td> <td>Final Examination</td> <td>2</td> </tr> <tr> <td></td> <td>Total</td> <td>60</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	39		Study at home	10		Completion of assignments	-		Preparation for the final exam	9		Final Examination	2		Total	60
Type	Description	WORKLOAD (HOURS)																				
	Lectures	39																				
	Study at home	10																				
	Completion of assignments	-																				
	Preparation for the final exam	9																				
	Final Examination	2																				
	Total	60																				
MODULE ASSESSMENT	Online exam in the classroom																					

5. RECOMMENDED BIBLIOGRAPHY	
<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> - Aljandali A. (2016). Quantitative Analysis and IBM® SPSS® Statistics. A Guide for Business and Finance. Springer Cham. Hardcover ISBN 978-3-319-45527-3 (e-book) - Cleophas, Ton J., Zwinderman, Aeilko H. (2015). SPSS for Starters and 2nd Levelers. Springer International Publishing, ISBNs 978-3-31-920599-1, 978-3-31-920600-4. (e-book) - Martin Lee Abbott (2016). Using Statistics in the Social and Health Sciences with SPSS® and Excel®. John Wiley & Sons, Inc. Print ISBN: 9781119121046 Online ISBN: 9781119121077 - Lind D. and Marchal W. and Wathen S. (2018). Statistical Techniques in Business and Economics, 17th Edition, McGraw Hill Education.

Selective Modules

LABOUR RELATIONS

1.GENERAL		
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS	
DEPARTMENT	DEPARTMENT OF ECONOMICS	
LEVEL OF STUDIES	POSTGRADUATE LEVEL	
MODULE CODE	SEMESTER OF STUDY	B
MODULE TITLE	Labour Relations	
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS
Lectures – Exercises – Case studies	3 HOURS	7
TYPE OF MODULE	OPTIONAL	
PROREQUISITE MODULES:	NO	
LANGUAGE OF TEACHING AND TESTING:	GREEK	
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO	

MODULE'S URL	eclass.uth.gr
2. LEARNING OUTCOMES	
Learning Outcomes	
<p>Upon successful completion of the module, students should:</p> <ul style="list-style-type: none"> • Know and comprehend the basic theoretical and applied concepts of the labour relations scientific subject. • Understand the dynamic and complex contemporary working environment that shapes modern labour relations. • Be familiarized with the basic concepts regarding the personal and collective aspects of labour demand and labour supply. • Be familiarized with the way labour market institutions operate and affect contemporary labour markets. • Know the basic theoretical and empirical models and concepts in alternative dispute resolutions in the workplace. • Critically assess policy implications as well as the basic fundamental characteristics of the native labour market. 	
General Competencies	
<p>The labour relations subject is multidisciplinary and multidimensional with many scientific fields contributing in its understanding. Such fields are Labour Economics, Human Resource Management, Work Sociology and Labour Law. In general, the labour relations module focus on understanding the individual and collective dimensions and implications of the ways labour market demand and supply work. The students of the module will get familiarized with concepts and models from all the above academic fields with the aim to understand the ways labour relations formulate and operate in the contemporary, internationalized and competitive native labour markets. The basic competencies that the students should acquire from the lectures are:</p> <ul style="list-style-type: none"> • Search, use and synthesize data and information necessary for decision making in the labour relations field, with the use of the necessary technological tools. • Decision making. • Individual homework. • Team homework. • Demonstration of social, work and ethical responsibility with respect to gender issues. • Development of free, creative and inferential thinking. 	
3.MODULE CONTENT	
<p>The basic aim of the module is to offer students with the knowledge on the ways contemporary labour relations are shaped between employers and employees, as well as to understand the way institutions mediate on these formulated labour relations.</p> <p>Labour relations in modern labour markets are more individualized and less collective due to the ongoing decrease of trade unions' power, the increased labour market competitiveness and the national fundamental labour market characteristics.</p> <p>Based on the above, in the lectures there will be an extensive discussion and presentation of several issues regarding labour relations, starting with the theoretical economics framework of the way modern labour markets operate and focusing on the role of each implicated actor has in the labour market (such as the employees, employers, the state and the labour unions).</p> <p>The lectures will also focus on issues related to work negotiations, employee demands and the means used to success in these demands, such as strikes. Under this framework, special focus will</p>	

be given to alternative dispute resolution concepts that are discussed in the relevant literature such as mediation and the like. There will also be studied relevant work-related case studies of good practices and intense labour disputes, that occurred at the national and the international level.

Certain aspects of contemporary challenges that shape modern labour relations will also be presented such as the role of technology, the globalization, the clients, labour market discrimination and alternative pay schemes.

Performance in the module will be assessed with individual and team homework and final written exams.

4. TEACHING AND LEARNING METHODS EVALUATION

TEACHING METHOD	Mixed																					
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Use educational platforms for lectures such as MSTEAMS, email, eclass and the like.																					
ORGANISATION OF TEACHING	<p>The lectures will be held in the Economics Department, although the students have the option to participate online. The study material will be distributed through the module's eclass page.</p> <p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td>39</td> </tr> <tr> <td></td> <td>Study at home</td> <td>70</td> </tr> <tr> <td></td> <td>Completion of assignments</td> <td>40</td> </tr> <tr> <td></td> <td>Preperation for the final exam</td> <td>60</td> </tr> <tr> <td></td> <td>Final Examination</td> <td>01</td> </tr> <tr> <td></td> <td>Total</td> <td>210</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	39		Study at home	70		Completion of assignments	40		Preperation for the final exam	60		Final Examination	01		Total	210
Type	Description	WORKLOAD (HOURS)																				
	Lectures	39																				
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	Completion of assignments	40																				
	Preperation for the final exam	60																				
	Final Examination	01																				
	Total	210																				
MODULE ASSESSMENT	<p>Assessment:</p> <ol style="list-style-type: none"> 1) Individual homework and/or team homework (40%), 2) Final written exam (60%) 																					

5. RECOMMENDED BIBLIOGRAGHY

<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> - Boeri T., van Ours, J. (2021). The Economics of Imperfect Labour Markets. (eds.) Princeton University Press, pp. 736. - Dibben P., Gilton K., Skillman G. (2011). Employment Relations. CIPD Publications, pp. 368.
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	<ul style="list-style-type: none"> - Jacobsen J. P., Skillman G. L. (2004). Labor Markets and Employment Relationships: A Comprehensive Approach. (eds.) Blackwell Publishing, USA, pp. 582. - Kearney R. C. (2011). Labour Relations in the Public Sector. (eds.) Taylor & Francis, 4th ed., pp.406.
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MEASUREMENT OF PRODUCTIVITY AND EFFICIENCY

1.GENERAL		
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS	
DEPARTMENT	DEPARTMENT OF ECONOMICS	
LEVEL OF STUDIES	POSTGRADUATE LEVEL	
MODULE CODE		SEMESTER OF STUDY B
MODULE TITLE	MEASUREMENT OF PRODUCTIVITY AND EFFICIENCY	
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS
Lectures - Exercises - Actions	3 HOURS	7
TYPE OF MODULE	COMPULSORY	
PROREQUISITE MODULES:	NO	
LANGUAGE OF TEACHING AND TESTING:	GREEK	
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO	
MODULE'S URL	eclass.uth.gr	
2. LEARNING OUTCOMES		
Learning Outcomes		
<p>The course aims to provide students with the tools of applied economic analysis to be able to answer the following questions:</p> <ul style="list-style-type: none"> • How can I determine the production function of an economic unit? 		

<ul style="list-style-type: none"> • How can I measure the technical efficiency of organizations and other economic units? • How can I measure the productivity of organizations and other economic units? • How can I identify and propose optimization goals for the production process of organizations and other economic units? <p>This course is designed to equip students with the knowledge and analytical skills necessary to address these questions in the context of economic analysis and optimization.</p>	
General Competencies	
<p>The student will have the ability to measure productivity and efficiency using the Data Envelopment Analysis (DEA) method. They will also be able to recognize, understand, and create Malmquist productivity indices and apply the measurement of technical efficiency to organizations and economic units such as banks, hotels, hospitals, and others.</p> <p>This indicates that the student will acquire skills related to advanced economic analysis techniques, particularly in the context of productivity and efficiency measurement in various types of organizations and economic entities.</p>	
3. MODULE CONTENT	
<p>The course consists of lectures with a particular emphasis on applied specialized topics in the economics of production. The central aim of the course is to understand fundamental concepts of economic production, with an emphasis on learning and applying methodologies for measuring productivity and efficiency in economic units and organizations.</p> <ul style="list-style-type: none"> • Basic introductory concepts related to technology and scale efficiency. • Profit maximization theory and scale efficiency. • Production theory and production frontier analysis. • Parametric and non-parametric approaches to measuring production efficiency. • Measurement of productivity using the Malmquist index. <p>This course covers a range of topics related to the economics of production, focusing on practical applications and measurement methodologies for productivity and efficiency in various economic units and organizations.</p>	
4. TEACHING AND LEARNING METHODS EVALUATION	
TEACHING METHOD	in-person and remote activities or learning (hybrid)
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	"Supporting the learning process through the e-class electronic platform. Using email and Microsoft Teams."

	This statement indicates the use of electronic platforms and communication tools like email and Microsoft Teams to facilitate and enhance the learning process.																		
ORGANISATION OF TEACHING	<p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td>39</td> </tr> <tr> <td></td> <td>Study at home</td> <td>80</td> </tr> <tr> <td></td> <td>Preparation for the final exam</td> <td>90</td> </tr> <tr> <td></td> <td>Final Examination</td> <td>1</td> </tr> <tr> <td></td> <td>Total</td> <td>210</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	39		Study at home	80		Preparation for the final exam	90		Final Examination	1		Total	210
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	Final Examination	1																	
	Total	210																	
MODULE ASSESSMENT	100% Individual Presentation of a Scientific Article.																		
5. RECOMMENDED BIBLIOGRAGHY																			
<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> • Coelli, TJ, Rao, D.S.P., O'Donnell CJ, Battese GE. (2005). An introduction to efficiency and productivity analysis, Second edition, Springer. • Ray, S. C. (2004). Data envelopment analysis: theory and techniques for economics and operations research. Cambridge university press • Varian R. H. (1992). Microeconomic Analysis, Third edition, Norton. 																		

REAL ESTATE MARKET

1.GENERAL	
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS
DEPARTMENT	DEPARTMENT OF ECONOMICS
LEVEL OF STUDIES	POSTGRADUATE LEVEL

MODULE CODE		SEMESTER OF STUDY	A
MODULE TITLE	Real estate market		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS	
Lectures – assignments - seminars	3 HOURS	7	
TYPE OF MODULE	Elective course		
PREREQUISITE MODULES:	NO		
LANGUAGE OF TEACHING AND TESTING:	GREEK		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO		
MODULE'S URL	https://eclass.uth.gr/courses/ECON_P_103/		
2. LEARNING OUTCOMES			
Learning Outcomes			
<p>Upon completion of the course students are expected to:</p> <ul style="list-style-type: none"> • understand the basic principles of built environment configuration • understand the basic principles of the functioning of the real estate market and the peculiarities of property and the real estate market • understand the location choice of activities and the impact on the values and uses of space • understand the basic mechanisms of supply and demand for real estate • understand the role of real estate in organisations and the importance of its strategic management • understand how the wider economic, social, political and technological changes affect the demand and supply of properties and the functioning of the real estate market • collect, analyse (using basic techniques and tools) and interpret data, and draw conclusions about the production of built environment and the functioning of the real estate market 			
General Competencies			

It is useful students to have general knowledge and analytical skills concerning the spatial organisation of the economy at different spatial scales (urban, regional, national) and basic knowledge of economics

3. MODULE CONTENT

- Introduction: space, economy and the real estate market
- Creation and development of the urban environment
- Location choices and demand for real estate
- Land values and land use
- Definition and characteristics of the real estate and its market
- The function of the real estate market
- Real estate development and the production of built environment
- Civil law and legal framework concerning real estate
- Institutional framework for the production of real estate and the formation of built environment
- Real estate management
- Structural changes at technological, social, political and economic level and new dynamics in the organisation of space

4. TEACHING AND LEARNING METHODS EVALUATION

TEACHING METHOD	In-person/ Online/ Mixed									
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Support for the learning process through the e-class platform and MSTEams. Communication via email.									
ORGANISATION OF TEACHING	<p>The delivery of the course takes place in the classrooms of the Department of Economics. Informative and educational material is distributed through the course page in the e-class</p> <p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td>39</td> </tr> <tr> <td></td> <td>Study at home</td> <td>35</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	39		Study at home	35
Type	Description	WORKLOAD (HOURS)								
	Lectures	39								
	Study at home	35								

	<table border="1"> <tbody> <tr> <td>Completion of assignments</td> <td>50</td> </tr> <tr> <td>Preperation for the final exam</td> <td>15</td> </tr> <tr> <td>Final Examination</td> <td>2</td> </tr> <tr> <td>Total</td> <td>142</td> </tr> </tbody> </table>	Completion of assignments	50	Preperation for the final exam	15	Final Examination	2	Total	142
Completion of assignments	50								
Preperation for the final exam	15								
Final Examination	2								
Total	142								
MODULE ASSESSMENT	Written examinations or individual or group assignments								
5. RECOMMENDED BIBLIOGRAGHY									
<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> • Deakin M. (ed.) (2019) <i>Local Authority Property Management: Initiatives, Strategies, Reorganisation and Reform</i>. Routledge • DiPasquale D. and Wheaton W.C. (1996) <i>Urban Economics and Real Estate Markets</i>, Prentice-Hall • McDonald J. και McMillen D. (2007) <i>Urban Economics and Real Estate, Theory and Policy</i>, Blackwell • O’Sullivan A. (2003) <i>Urban Economics</i>, 5th ed. McGraw-Hill 								

3rd Semester

MODULE	TYPE	ECTS
DISSERTATION	COMPULSORY	30
Alternative, instead dissertation all the following modules		
Financial Management	COMPULSORY	7
International Relations and Strategy	COMPULSORY	7
Technology Strategy	COMPULSORY	7
Business Strategy	COMPULSORY	7
Research Methods Seminar III	COMPULSORY	2

DISSERTATION

1.GENERAL		
MODULE TITLE	DISSERTATION	
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS
		30
TYPE OF MODULE	SELECTIVE	
PROREQUISITE MODULES::	MODULES OF 1 ST AND 2 ND SEMESTER	
LANGUAGE OF TEACHING AND TESTING:	Greek, English	
THE MODULE IS OFFERED TO ERASMUS STUDENTS	No	
MODULE'S URL	eclass.uth.gr/eclass/courses	
2. LEARNING OUTCOMES		
<p>The main learning objective to be achieved during the completion of the master's thesis is for the student to develop the necessary knowledge background related to the critical understanding of the subject of the master's thesis, as well as the systematic application of research methodologies and techniques. Specifically, upon completion of the master's thesis, the student should demonstrate that:</p> <ul style="list-style-type: none"> • Understands, critically evaluates, and applies techniques for defining and developing a research topic that constitutes a relevant research problem in the field of Applied Economics. • Selects and formulates specific research objectives and problems that exhibit (to some extent at a master's level) scientific originality and practical relevance. • Understands and assesses the relationships between research objectives-problems, scientific literature, research methodologies, data collection and analysis techniques, drawing conclusions, and ultimately methods for making managerial decisions. • Applies research search processes and engages in the critical review of scientific literature relevant to the research topic. • Conducts research and formulates conclusions that are understandable and lead to interesting results. 		

- Understands the differences between quantitative research and qualitative research strategies and applies them either independently or in combination, depending on the specific requirements of the research.
- Understands the advantages and disadvantages of research techniques, systematically applies research techniques, and documents the choices made.
- Relies on primary and/or secondary data, which are evaluated for sufficiency, reliability, and validity.
- Formulates understandable and useful conclusions that demonstrate knowledge of the subject and the ability to critically assess other relevant published research results.
- Understands and formulates limitations and weaknesses of the research work.
- Identifies possible directions for future research in the specific area and in accordance with the initial research objectives, and finally
- Broadens their overall knowledge background to enhance further research and professional pursuits.

General Competencies

The postgraduate thesis aims for the student to develop, through a primarily personal research process and under the guidance of the supervisor, a thesis on the chosen subject-object proposed following a relevant proposal. The aforementioned thesis should present:

- A clearly defined contribution to the field of Applied Economics, either through the conduct of original research or through the examination and application of relevant theories and methodologies.
- A well-documented research methodology and the systematic application and utilization of appropriate techniques for data collection, analysis, and processing.
- Comprehensive knowledge of the research subject of the thesis, including the ability to critically evaluate relevant literature.

3. MODULE CONTENT

The research objectives and the content of each postgraduate thesis (Master's thesis) should be relevant to the academic subject of the Master's program (MSc) and should fall within a specific academic field or areas of knowledge.

The research methods involve techniques for collecting and processing reliable data, as well as their documentation through scientific methods (e.g., field research, literature review, statistical analysis, etc.).

4. TEACHING AND LEARNING METHODS EVALUATION

TEACHING	During the semester in which the postgraduate thesis (MSc thesis) is being completed, the supervising Professor supports the student by providing, in
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METHOD	the best guiding manner, the scientific knowledge and expertise in the specific subject of the thesis. This support aims to facilitate the student's gradual progress in writing the thesis.																					
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Supporting the Learning Process through the e-class Electronic Platform																					
ORGANISATION OF TEACHING	<p>More specifically, the workload of the course is analyzed as follows:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Workload(hours)</th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td>This concerns the lectures and presentations that will take place in the Research Methodology Seminar I & II.</td> <td>2*20=40</td> </tr> <tr> <td>Preparation of an MSc thesis proposal</td> <td>Involves composing the proposal for the MSc thesis.</td> <td>20</td> </tr> <tr> <td>Preparation of Dissertation</td> <td>It concerns the time required for conducting case studies and implementing exercises, as previously mentioned (Assessment Method).</td> <td>536</td> </tr> <tr> <td>Final Examination</td> <td>It concerns the duration of the final examination</td> <td>1</td> </tr> <tr> <td>Participation in other activities</td> <td>Meetings with the Professor for Progress Feedback</td> <td>3</td> </tr> <tr> <td colspan="2" style="text-align: right;">Σύνολο</td> <td>600</td> </tr> </tbody> </table>	Type	Description	Workload(hours)	Lectures	This concerns the lectures and presentations that will take place in the Research Methodology Seminar I & II.	2*20=40	Preparation of an MSc thesis proposal	Involves composing the proposal for the MSc thesis.	20	Preparation of Dissertation	It concerns the time required for conducting case studies and implementing exercises, as previously mentioned (Assessment Method).	536	Final Examination	It concerns the duration of the final examination	1	Participation in other activities	Meetings with the Professor for Progress Feedback	3	Σύνολο		600
Type	Description	Workload(hours)																				
Lectures	This concerns the lectures and presentations that will take place in the Research Methodology Seminar I & II.	2*20=40																				
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Preparation of Dissertation	It concerns the time required for conducting case studies and implementing exercises, as previously mentioned (Assessment Method).	536																				
Final Examination	It concerns the duration of the final examination	1																				
Participation in other activities	Meetings with the Professor for Progress Feedback	3																				
Σύνολο		600																				
MODULE ASSESSMENT	<p>The MSc thesis is presented for public defense by the student. The thesis is evaluated by the supervisor and two assessors, who must collectively agree on the final grade for the postgraduate thesis, which may also be the average of the three grades.</p> <p>The evaluation criteria for the thesis include:</p> <ul style="list-style-type: none"> • The significance of the contribution of the specific research to the academic subject of the MSc program. • Clear definition and significance of the research objectives. 																					

	<ul style="list-style-type: none"> • Understanding of the research subject and the ability to critically evaluate and utilize relevant literature. • Understanding of research methodology, sufficiency of the research methodology, and systematic use of appropriate research techniques. • Completion of the research and the significance of the results and conclusions. • Writing style of the thesis and the technical presentation quality of the work, which should conform to citation style standards. • Presentation and public defense of the thesis.
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5. RECOMMENDED BIBLIOGRAPHY

<p>Suggested Bibliography:</p>	<ul style="list-style-type: none"> • <i>Calabrese R. L. (2012), Getting It Right: The Essential Elements of a Dissertation, 2nd Edition, Rowman & Littlefield Education.</i> • <i>Cohen L., Manion L., Morrison K. (2007), Research Methods in Education, 6th Edition, London & New York, Routledge.</i> • <i>Murray R. (2006), How to Write a Thesis, 2nd Edition, Berkshire, UK, Open University Press.</i> • <i>Orna E. & Stevens G. (2009), Managing Information for Research: Practical help in researching, writing and designing dissertations, 2nd Edition, Buckingham, UK, Open University Press.</i> • <i>Saunders M., Thornhill M., Lewis, P. (2012), Research Methods for Business Students, 6th Edition, Harlow, Essex, UK, Pearson.</i> • <i>Yin R. K. (1994), Case Study Research Design and Methods, 2nd Edition, London & New Delhi, Sage.</i> • <i>Bell J. (2007), Πως να συντάξετε μια Επιστημονική Εργασία: Οδηγός Ερευνητικής Μεθοδολογίας, Αθήνα, Εκδόσεις Μεταίχιμο.</i> • <i>Eco U. (2001), Πως γίνεται μια Διπλωματική Εργασία, Αθήνα, Εκδόσεις Νήσος.</i> • <i>Ζαφειρόπουλος Κ. (2015), Πως γίνεται μια Επιστημονική Εργασία: Επιστημονική Έρευνα και Συγγραφή Εργασιών, Αθήνα, Εκδόσεις Κριτική.</i> • <i>Θεοφιλίδης Χ. (2005), Η Συγγραφή Επιστημονικής Εργασίας: Από τη Θεωρία στην Πράξη, Αθήνα, Εκδόσεις Τυπωθήτω-Δαρδανός.</i> • <i>Μπέλλας Θ. (1998), Δομή και Γραφή της Επιστημονικής Εργασίας, Αθήνα, Εκδόσεις Ελληνικά Γράμματα.</i> • <i>Μπουρλιάσκος Β. Γ. (2010), Πως γράφεται μια Επιστημονική Εργασία: Πρακτικός Οδηγός, Συγγραφή Επιστημονικής Εργασίας και Βιβλιογραφική Έρευνα, Αθήνα, Εκδόσεις Διόνικος.</i> • <i>Τοκμακίδης Σ. Π. (2008), Οδηγός για τη Συγγραφή Διπλωματικών Εργασιών, Αθήνα, Ιατρικές Εκδόσεις Π. Χ. Πασχαλίδης.</i>
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Alternatively instead dissertation the following four modules and the Seminar

FINANCIAL MANAGEMENT

1. GENERAL			
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS		
DEPARTMENT	DEPARTMENT OF ECONOMICS		
LEVEL OF STUDIES	POSTGRADUATE LEVEL		
MODULE CODE	(ECON_P_148)	SEMESTER OF STUDY	A
MODULE TITLE	FINANCIAL MANAGEMENT		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS	
Lectures - Exercises	3 hours	7	
TYPE OF MODULE	COMPULSORY		
PREREQUISITE MODULES:	No		
LANGUAGE OF TEACHING AND TESTING:	GREEK		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	No		
MODULE'S URL	eclass.uth.gr/		
2. LEARNING OUTCOMES			
Learning Outcomes			
The course of Financial Management is connected with the courses of Accounting, Finance, Investment Valuation, and Portfolio Management and is influential towards but also is influenced by			

these courses but in no case it is identical with them. On the contrary, Financial Management creatively adds to these fields.

General Competencies

By fully attending this course, students will have created a clear, complete, and multi-prismatic perspective of the underlying theory and economic implications will be familiarized with the methods and the tools necessary to assess and critically evaluate investment plans, studying financial components scientifically, and reaching safe and accurate conclusions about the viability and the financial health of firms. They will have a clear perspective about the differences between fundamental and market evaluation and will be able to efficiently avoid the deviations from objective estimations that stem from the bias and subjectivity inherent in the majority of investors.

They will be able to judge whether it would be better to finance a specific investment by lending or by issuing new shares. They will also be able to detect and measure the most important determinants for safely estimating the value, the profitability, and the perspectives of a firm to grow. Moreover, they will become fluent in using the appropriate tools for reducing the risk emanating from the existing capital structure but also from default risk, exchange rate risk, etc. while also will develop capacities to better allocate the existing resources in order to achieve the best risk-adjusted return by taking into consideration the special features of the growth potentials as well as the possibilities to adjust prices to news regarding the specific investment.

3. MODULE CONTENT

This course primarily focuses on investment decision criteria based on the Net Present Value, the Future Value, and the discount rate. Moreover, it offers insights concerning how bonds function by focusing on the market value, the coupon rate, and the yield to maturity. Furthermore, it compares financing through lending with financing through issuing new shares and offers in depth analysis of the advantages and disadvantages of each decision concerning this dilemma. The percentage of re-capitalization, the profit holdings, the perspectives of growth, and the market share constitute the axis of this analysis. The basic financial ratios are analyzed that reflect the financial condition of the firm. Moreover, the role of the Assets, the Liabilities, and the Equity are analyzed, which are crucial for fighting deficits in balance sheets.

The second part of this course focuses on the concepts of performance and risk which are applied in alternative investments and constitute the basis of fundamental and technical analysis and for estimating the optimal weights of a range of alternative financial assets. Furthermore, the Fama-French 5-factor model is applied and the market efficiency theory is analyzed as well as the possibilities of viability and profitability that it can offer.

The third part of this course focuses on risk management (credit risk, exchange risk, country risk) and is based on the impacts of risk premia on the success of investments and on the difficulties they cause to the efficacy of Financial Management. Emphasis is given on the derivatives market that is employed for hedging against risk stemming from the unpredictability of market prices as these instruments are also adopted for speculative purposes.

4. TEACHING AND LEARNING METHODS EVALUATION

TEACHING METHOD

In-person and online

USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES

Teaching is supported by the e-class platform. Use of email, MSTEAMS

ORGANISATION OF TEACHING	<p>Teaching takes place in the classes of the Department of Economics. Informative material is distributed through the course's e-class webpage.</p> <p>.....</p> <p>More specifically, the workload can be divided as indicated below:</p> <table border="1" data-bbox="560 461 1273 1061"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td></td> <td>39</td> </tr> <tr> <td>Study at home</td> <td></td> <td>68</td> </tr> <tr> <td>Completion of assignments</td> <td></td> <td>30</td> </tr> <tr> <td>Preparation for the final exam</td> <td></td> <td>70</td> </tr> <tr> <td>Final Examination</td> <td></td> <td>3</td> </tr> <tr> <td>Total</td> <td></td> <td>210</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)	Lectures		39	Study at home		68	Completion of assignments		30	Preparation for the final exam		70	Final Examination		3	Total		210
Type	Description	WORKLOAD (HOURS)																				
Lectures		39																				
Study at home		68																				
Completion of assignments		30																				
Preparation for the final exam		70																				
Final Examination		3																				
Total		210																				
MODULE ASSESSMENT	<p>Final examination (written) (70%) and individually-prepared writing task of the semester 4.000 words (30%)</p>																					
5. RECOMMENDED BIBLIOGRAGHY																						
<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> Principles of Corporate Finance, Brealey, Myers, and Allen, Utopia editions, 2nd edition Papadamou S, and Siriopoulos C., 2015. Principles of Investment Valuation: Financial and Socio-economic perspective. [e-book.] Athens: Association of Greek Academic Libraries. Available at: http://hdl.handle.net/11419/4365 																					

INTERNATIONAL RELATIONS AND STRATEGY

1.GENERAL	
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS
DEPARTMENT	DEPARTMENT OF ECONOMICS
LEVEL OF STUDIES	POSTGRADUATE LEVEL

MODULE CODE		SEMESTER OF STUDY	A
MODULE TITLE	International Relations and Strategy		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS	
	3 HOURS	7	
TYPE OF MODULE	COMPULSORY		
PROREQUISITE MODULES:	NO		
LANGUAGE OF TEACHING AND TESTING:	GREEK		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO		
MODULE'S URL	eclass.uth.gr		
2. LEARNING OUTCOMES			
Learning Outcomes			
<p>Upon completion of the course, participants are expected to:</p> <ul style="list-style-type: none"> - understand the basic concepts and terms in the field of International Relations, defence and security - understand the interdependence of international economic and political phenomena - have an understanding of international law and the fundamental legal norms in the international system - understand the points of friction in Greek-Turkish relations - have an understanding of the content and the main evolutionary processes in the field of strategy 			
General Competencies			
<p>Adapting to new situations and responding to new challenges Decision making ability Capacity of working self-sufficiently Teamwork ability Working in an international environment</p>			

Working in an interdisciplinary environment
Generating new research ideas

3. MODULE CONTENT

The scope of this introductory course is to shape the theoretical background that would enable the students to understand and interpret the developments of the international politics. Therefore it analyses the role and the function of international institutions and regimes and basic diplomatic procedures. It also discusses basic terms of the discipline of the international relations and international law (State-Sovereignty and Recognition, Exclusive Economic Zone, Continental Shelf et. al.) as well as the main aspects of Greece's Foreign Policy. As the course serves as preparatory seminar to courses with similar content following in later semesters, it also examines the main schools of thinking within the discipline of International Relations: realism - neo-realism - idealism – liberalism, structuralism and so on. The Assessment of the course is based on a final oral or written exam.

4. TEACHING AND LEARNING METHODS EVALUATION

TEACHING METHOD

A balanced blend of formal and informal discussion, lecturing and assigning of home work

USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES

e-class and MS TEAMS

ORGANISATION OF TEACHING

More specifically, the workload of the module is analyzed as follows:

Type	Description	WORKLOAD (HOURS)
	Lectures	39
	Study at home	80
	Completion of assignments	50
	Preparation for the final exam	39
	Final Examination	2
	Total	210

MODULE ASSESSMENT

Oral or written exams

5. RECOMMENDED BIBLIOGRAGHY

<i>Suggested Bibliography:</i>	<ul style="list-style-type: none"> - Antonio Cassese, Διεθνές Δίκαιο, εκδόσεις Gutenberg - Jill Steans-Loyd Pettiford, Εισαγωγή στις Διεθνείς Σχέσεις, εκδόσεις Κων. Τουρίκη - Ανδρέας Στεργίου, Η Ελληνοτουρκική Διένεξη στο Αιγαίο. Αντίσταση στο Μέλλον, εκδόσεις Κριτική
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TECHNOLOGY STRATEGY

1.GENERAL			
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS		
DEPARTMENT	DEPARTMENT OF ECONOMICS		
LEVEL OF STUDIES	POSTGRADUATE LEVEL		
MODULE CODE	MA_41	SEMESTER OF STUDY	A
MODULE TITLE	Technology Strategy		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS	
Lectures – Course work	3 HOURS	7	
TYPE OF MODULE	COMPULSORY		
PROREQUISITE MODULES:	NO		
LANGUAGE OF TEACHING AND TESTING:	GREEK		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO		
MODULE'S URL	eclass.uth.gr		
2. LEARNING OUTCOMES			
Learning Outcomes			
<p>Upon successful completion of the course, students will be able to understand the developments in the modern technology environment and plan appropriate policies and practices for their effective management. Students will be able to:</p> <ul style="list-style-type: none"> • Understand the interaction between economics and technology • Connect theoretical knowledge with technological and business reality • Recognize the primary importance of innovation and organizational learning • Understand the world of intellectual property (IP) 			

- Understand the basic functions of Technology Strategy
- Implement individual tools, policies and practices of Technology Strategy

General Competencies

- Understanding how the theories of Economics of Technology and Technology Strategy apply to the modern economic environment.
- Solving practical problems encountered in the technologically fluid business environment.
- Planning of Technology Strategy policies and practices
- Improving the ability of students to communicate, collaborate and lead on issues of technology and innovation.
- Teamwork
- Perception of the innovative capabilities of the business

3.MODULE CONTENT

Technical change and economic development (Economics of knowledge and innovation: key concepts)

- Innovation and Technical Change
- Industrial and technological revolutions, techno-economic paradigms
- Knowledge, technology, innovation and entrepreneurship
- Diffusion of innovation and path dependence
- Disruptive innovation, Socio-technical Systems and Socio-technical Transition

Economics of technology

- Business knowledge creation process
- Path Dependence and Absorptive Capacity

Technology Strategy

- Types of Technology Strategy
- Levels of Technology Strategy Development
- Tools and Methods for Developing Innovative Skills
- Architectural innovation
- Technology platforms and ecosystem strategies
- Modularity
- Product platforms
- Reasons for failure of large companies
- Technology alliance strategies

Technology and Business strategy

- Fundamental skills
- Leveraging innovation, complementary assets, and appropriability regimes
- Co-opetitive games and platform strategy

Intellectual Property and exploitation of innovation

The framework for the study and analysis of intellectual property

- Intangible assets:
 - Intangible assets investment
- Intellectual Property Rights (IPRs):
 - Intellectual Property Protection
 - Patents
- IP institutions and mechanisms (OBI, EPO, WIPO, etc.)
- Intellectual Property Management – Strategies

Technology Strategy Planning

- Technology Foresight

- Technology Monitoring
- Scenario development and analysis
- Technology Road-Map (TRM)

4. TEACHING AND LEARNING METHODS EVALUATION

TEACHING METHOD	Mixed/Hybrid																					
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Learning process support through the e-class online platform. Use email, MS TEAMS.																					
ORGANISATION OF TEACHING	<p>The course delivery takes place in the rooms of the Department of Economics. Informational material is distributed through the course page in the e-class platform and the course channel in MS Teams.</p> <p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td>39</td> </tr> <tr> <td></td> <td>Home study</td> <td>78</td> </tr> <tr> <td></td> <td>Completion of assignments</td> <td>50</td> </tr> <tr> <td></td> <td>Preparation for final exam</td> <td>40</td> </tr> <tr> <td></td> <td>Final Examination</td> <td>3</td> </tr> <tr> <td></td> <td>Total</td> <td>210</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	39		Home study	78		Completion of assignments	50		Preparation for final exam	40		Final Examination	3		Total	210
Type	Description	WORKLOAD (HOURS)																				
	Lectures	39																				
	Home study	78																				
	Completion of assignments	50																				
	Preparation for final exam	40																				
	Final Examination	3																				
	Total	210																				
MODULE ASSESSMENT	<p>In-course assignments 30%</p> <p>Final course essay 70%</p>																					

5. RECOMMENDED BIBLIOGRAGHY

<i>Suggested Bibliography:</i>	<p>Bessant J και Tidd J. (2017) Καινοτομία και Επιχειρηματικότητα, 3η Αγγλική Έκδοση, Εκδόσεις Τζιόλα (in Greek)</p> <p>Schilling, M. A. (2017) Η Στρατηγική Διοίκηση της Τεχνολογικής Καινοτομίας, 4η Αγγλική Έκδοση, Broken Hill (in Greek)</p> <p>Tidd J. and Bessant J. (2018) Στρατηγική Διοίκηση Καινοτομίας, Broken Hill (in Greek)</p> <p>White M. and Bruton G. (2010) Η στρατηγική διαχείριση της τεχνολογίας και της καινοτομίας. Κριτική (in Greek)</p> <p>Σπαής Γ. (2007) Εισαγωγή στη Διαχείριση Τεχνολογικών Καινοτομιών, Κριτική (in Greek)</p> <p>Dodgson M., Gann D.M., and Salter A. (2008) The Management of Technological Innovation, Oxford University Press</p> <p>Dodgson M., Gann D., and Salter A. (2005) Think, Play, Do: Innovation, Technology, and Organization: Technology, Innovation, and Organization, Oxford University Press</p> <p>Nonaka I. and Takeuchi H. (1995) The Knowledge-Creating Company: How Japanese Companies Create the Dynamics of Innovation, Oxford University Press</p>
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BUSINESS STRATEGY

1.GENERAL			
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS		
DEPARTMENT	DEPARTMENT OF ECONOMICS		
LEVEL OF STUDIES	POSTGRADUATE LEVEL		
MODULE CODE		SEMESTER OF STUDY	A
MODULE TITLE	BUSINESS STRATEGY		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS	
	3 HOURS	7	
TYPE OF MODULE	COMPULSORY		
PROREQUISITE MODULES:	NO		
LANGUAGE OF TEACHING AND TESTING:	GREEK		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO		
MODULE'S URL	https://eclass.uth.gr/courses/ECON_P_147/		
2. LEARNING OUTCOMES			
Learning Outcomes			
<p>Upon completion of the module, students should be able to:</p> <ul style="list-style-type: none"> • Understand the basic principles of Strategic Business Management and their impact on business operations • Plan and evaluate the operational, competitive and corporate strategy of a firm • Recognize and evaluate the strategic movements of modern businesses, proposing possible improvements. • Interpret the effect of external factors on business operations • Investigate and plan the internationalization of a firm 			

General Competencies							
<p>Upon successful completion of the module, students will develop and cultivate basic professional and social skills, namely:</p> <ul style="list-style-type: none"> • Search, analysis and synthesis of data and information, using necessary technologies • Adaptation to new situations • Decision making • Autonomous work • Teamwork • Work in an international environment Respect for diversity and multiculturalism • Exercise criticism and self-criticism • Promotion of free, creative and inductive thinking 							
3. MODULE CONTENT							
<ul style="list-style-type: none"> • Strategic analysis of the external environment: analysis of the macro (PEST-DG) and micro environment (Porter's 5 forces) of the business. • Corporate mission, vision, strategic goals, strategic considerations. • Business strategy direction: stability, growth, rescue-turnaround. • Strategies for achieving competitive advantage: cost leadership, differentiation, focus. • Internationalization strategies of the company: alliances, joint ventures, acquisitions, exports, oligopolistic reaction theories, selective paradigm theory (Dunning). • Ways to implement strategy: Acquisitions, Mergers and Strategic Alliances: Analyzing, deciding and ensuring the success of strategic development through acquisitions, mergers and strategic alliances. • The technological strategy, internally and externally. • Strategy evaluation and selection: Rumlet's model, acceptability analysis, feasibility analysis, balanced scorecards analysis. Strategy implementation. • Portfolio techniques for making strategic decisions: experience curve, BCG matrix, GE matrix, Hofer's product/market evolution matrix, life cycle matrix, portfolio cube, risk cube. 							
4. TEACHING AND LEARNING METHODS EVALUATION							
TEACHING METHOD	Mixed						
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Learning process support through the e-class online platform. Use email, MS TEAMS						
ORGANISATION OF TEACHING	<p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Type	Description	WORKLOAD			
Type	Description	WORKLOAD					

	(HOURS)
Lectures	39
Study at home	90
Completion of assignments	49
Preparation for the final exam	30
Final Examination	2
Total	210
MODULE ASSESSMENT	Written exam and group assignments
5. RECOMMENDED BIBLIOGRAGHY	
<i>Suggested Bibliography:</i>	<p>Textbooks in Greek</p> <ul style="list-style-type: none"> • Παπαδάκης Β. (2016), <i>Στρατηγική των Επιχειρήσεων: Ελληνική και Διεθνής Εμπειρία</i>, Τόμος Α, 7^η εκδ., Εκδόσεις Μπένου: Αθήνα • <u>Senior B.</u>, 2017. <i>Οργανωσιακή Αλλαγή</i>. Εκδόσεις Broken Hill, Αθήνα. <p>Academic journals (in alphabetical order)</p> <ul style="list-style-type: none"> • Academy of Management Executive • Harvard Business Review • Journal of Business Research • Journal of International Business Studies (AIBA) • Long Range Planning (EIBA) • Strategic Management Journal (SMS)

RESEARCH METHODOLOGY SEMINAR III

1.GENERAL	
SCHOOL	SCHOOL OF ECONOMICS AND BUSINESS

DEPARTMENT	DEPARTMENT OF ECONOMICS		
LEVEL OF STUDIES	POSTGRADUATE LEVEL		
MODULE CODE		SEMESTER OF STUDY	C
MODULE TITLE	Research Methodology III		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	ECTS	
Lectures - Exercises – Practices- Use of EXCEL and R programming language	3 HOURS	7	
TYPE OF MODULE	COMPULSORY		
PROREQUISITE MODULES:	NO		
LANGUAGE OF TEACHING AND TESTING:	GREEK		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	NO		
MODULE'S URL	eclass.uth.gr		
2. LEARNING OUTCOMES			
Learning Outcomes			
<p>The teaching of the course " Research Methodology III " aims to:</p> <ul style="list-style-type: none"> • Familiarize students with the necessary knowledge and techniques that enable researchers of economic phenomena to quantify and estimate economic relationships governing the operation of economic units and markets using statistical methods. • Equip students with the necessary tools for verifying and evaluating econometric models and conducting forecasts. • Introduce students to the analysis of time series data. <p>By the end of the course, students should be able to:</p> <ul style="list-style-type: none"> • Specialize and select an econometric model. • Estimate a classic linear model. 			

- Test, examine, and evaluate an econometric model.
- Evaluate and address issues related to violations of the assumptions of a model.
- Design, estimate, and test time series models and perform forecasts.
- Apply the estimated models using the R programming language.

General Competencies

- Data and information search, analysis, and synthesis using the necessary technologies.
- Adaptation to new situations.
- Decision-making.
- Autonomous work.
- Teamwork.
- Work in an international environment.
- Work in an interdisciplinary environment.
- Project design and management.
- Generation of new research ideas.

3. MODULE CONTENT

- Simple and multiple linear regression (OLS): Assumptions, sample estimation, hypothesis testing, significance tests for variables and linear constraints, simple and adjusted coefficient of determination, properties of estimators.
- Violations of assumptions: Autocorrelation, heteroscedasticity, statistical tests (White, Durbin-Watson, Breusch-Godfrey), GLS and FGLS estimators, correlation of explanatory variables and error term, multicollinearity, misspecification.
- Models of limited dependent variables.
- Vector Autoregressive (VAR) models and causality tests.
- Non-stationarity and unit root tests.
- Cointegration and error correction models. Identification in standard and cointegrated systems.
- Time-varying coefficient models.
- Traditional panel data models.
- Dynamic heterogeneous panels.
- Non-stationary panels.

4. TEACHING AND LEARNING METHODS EVALUATION

TEACHING METHOD	Hybrid
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Support for the learning process is provided through the use of: (a) The e-class electronic platform, institutional email, and the online course on the MS-TEAMS platform. (b) The R programming language.
ORGANISATION OF TEACHING	The course is delivered within the classrooms of the Department of Economic Sciences, utilizing Microsoft Office 365 tools (Word, Excel, PowerPoint) and the R programming language. Lecture slides and

	<p>supporting materials for each session are already posted on the e-class electronic platform for students to access during the lecture. The existing technological equipment in the classrooms also allows the use of an electronic whiteboard via a WACOM device, which enables writing on presentations and texts with the ability to save enriched texts and presentations. Enriched texts containing comments on the lectures, as well as solutions to exercises and problems, are also uploaded to the e-class of the course after each lecture. Files containing additional exercises and problems for practice and understanding of the course material are provided for each topic. Solutions and comments for these problems are given either during the lectures or during specified office hours announced by the instructor (in special cases, even through email using students' institutional accounts).</p> <p>More specifically, the workload of the module is analyzed as follows:</p> <table border="1" data-bbox="560 730 1278 1335"> <thead> <tr> <th>Type</th> <th>Description</th> <th>WORKLOAD (HOURS)</th> </tr> </thead> <tbody> <tr> <td></td> <td>Lectures</td> <td>39</td> </tr> <tr> <td></td> <td>Study at home</td> <td>80</td> </tr> <tr> <td></td> <td>Completion of assignments</td> <td>50</td> </tr> <tr> <td></td> <td>Preperation for the final exam</td> <td>39</td> </tr> <tr> <td></td> <td>Final Examination</td> <td>2</td> </tr> <tr> <td></td> <td>Total</td> <td>210</td> </tr> </tbody> </table>	Type	Description	WORKLOAD (HOURS)		Lectures	39		Study at home	80		Completion of assignments	50		Preperation for the final exam	39		Final Examination	2		Total	210
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<p>MODULE ASSESSMENT</p>	<p>EXAMINATION PERIOD A' SEMESTER</p> <p>Individual/Group Assignment: 30%</p> <p>Written Exam: 70%</p> <p>REPEAT EXAMINATION</p> <p>Written Exam: 100%</p>																					
<p>5. RECOMMENDED BIBLIOGRAGHY</p>																						
<p><i>Suggested Bibliography:</i></p>	<ul style="list-style-type: none"> - Greene, W. H. (2003). Econometric analysis. Pearson Education India. - Wooldridge, J. M. (2015). Introductory econometrics: A modern approach. Cengage learning. - Gujarati, D. N. (2022). Basic econometrics. Prentice Hall. - Stock, J. H., & Watson, M. W. (2015). Introduction to econometrics 3rd ed. 																					

	<ul style="list-style-type: none">- Baltagi, B. H., (2008). Econometric analysis of panel data (Vol. 4). Chichester: Wiley.- Wooldridge, J. M. (2010). Econometric analysis of cross section and panel data. MIT press.
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