

**ΟΙΚΟΝΟΜΙΚΟ  
ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΑΘΗΝΩΝ**



ATHENS UNIVERSITY  
OF ECONOMICS  
AND BUSINESS

**SCHOOL OF ECONOMIC SCIENCES**

Department of Economics

Department of International & European Economic Studies

**STUDY GUIDE**  
**M.Sc. IN ECONOMICS**  
**full-time program**

**Academic year 2021-22**

**ΣΧΟΛΗ  
ΟΙΚΟΝΟΜΙΚΩΝ  
ΕΠΙΣΤΗΜΩΝ**  
SCHOOL OF  
ECONOMIC  
SCIENCES

ΔΙΑΤΜΗΜΑΤΙΚΟ ΜΕΤΑΠΤΥΧΙΑΚΟ  
ΟΙΚΟΝΟΜΙΚΗ ΕΠΙΣΤΗΜΗ

MSc IN  
ECONOMICS

# PART I: INFORMATION ABOUT THE INSTITUTION

## ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS (AUEB)

### Contact details

Address: 76, Patission Str. GR-104 34, Athens

Telephone number: +30-210-8203911

Website: <https://www.aueb.gr>

e-mail: [webmaster@aub.gr](mailto:webmaster@aub.gr)

Facebook: <https://www.facebook.com/auebgreece>

Twitter: <https://twitter.com/aueb>

Linkedin: <https://www.linkedin.com/school/athens-university-of-economics-and-business/mycompany/>

Youtube: <https://www.youtube.com/channel/UCPncunqp3bMuAHHeCikhalg>

Instagram: <https://www.instagram.com/aueb.gr/>

### ACADEMIC AUTHORITIES

The rectorate authorities consist of the Rector and the Vice Rectors, as per below:

#### **Rector:**

Professor Dimitris Bourantonis

#### **Vice Rectors:**

##### **Vice Rector of Academic Affairs and Personnel**

Professor Vasilios Vasdekis

##### **Vice Rector of Research and Lifelong Learning**

Associate Professor Georgios Lekakos

##### **Vice Rector of Financial Planning and Infrastructure**

Professor Konstantinos Drakos

##### **Vice Rector of International Cooperation and Development**

Professor Vasilios Papadakis

### UNIVERSITY LEADERSHIP & STRUCTURE

The organization and operation of the Institution is defined by current legislation as in force. Athens University of Economics and Business is under the supervision of the Ministry of Education, Research and Religious Affairs. Its structure includes:

#### **THE SENATE**

The **Senate** consists of:

- the Rector,

- the Vice-Rectors,
- the Deans of the Schools
- the Heads of the Departments
- one representative of undergraduate students, postgraduate students and doctoral candidates each
- one representative per category of staff: Special Educational Staff (EEP), Laboratory Teaching Staff (EDIP), Special Technical Laboratory Staff (ETEP) and administrative staff.

The **Senate** is the highest collective decision-making body of the University. It is comprised of the Rector, the Vice-Rectors, the Deans of the Schools, the Chairmen/Chairwomen of the Departments, students, teaching staff and administrative staff delegates.

## **SCHOOLS**

The Athens University of Economics and Business consists of three Schools:

1. **SCHOOL OF ECONOMIC SCIENCES**, which supervises and coordinates the operation of the Department of International and European Economic Studies and the Department of Economics.
2. **SCHOOL OF BUSINESS**, which supervises and coordinates the operation of the Department of Management Science and Technology, the Department of Business Administration, the Department of Accounting and Finance and the Department of Marketing and Communication.
3. **SCHOOL OF INFORMATION SCIENCE AND TECHNOLOGY**, which supervises and coordinates the operation of the Departments of Informatics and the Department of Statistics.

According to Law 4485/2017 (Government Gazette 114 / 4-8-2017), each School is governed by the Dean of the School, the Dean's Council and the School's General Assembly, while each Department is governed by the Department's Chairman and General Assembly.

## **DEPARTMENTS**

The Department is the University's main educational and academic unit, which promotes science and knowledge development in the relevant academic field, organizes and delivers teaching and ensures continuous improvement in research and education. The Department consists of the Professors, Associate Professors, Assistant Professors, Lecturers, members of the Special Educational Staff (EEP), members of the Laboratory Teaching Staff (EDIP) and members of the Special Technical Laboratory Staff (ETEP).

The Departments of the Athens University of Economics and Business are:

1. International and European Economic Studies
2. Economics
3. Management Science and Technology
4. Business Administration
5. Accounting and Finance
6. Marketing and Communication
7. Informatics
8. Statistics

According to Law 4485/2017 (Government Gazette 114 / 4-8-2017), each Department is governed by the Department's Chairman and the General Assembly.

## **UNIVERSITY STAFF**

The University staff consists of the following categories:

- TEACHING STAFF:
  - The Faculty consisting of (a) Professors, (b) Associate Professors (c) Assistant Professors and (d) Lecturers.
  - Special Educational Staff (E.E.P.).
  - Laboratory Teaching Staff (E.D.I.P.).
  - Special Technical Laboratory Staff (E.T.E.P.).
  - Auxiliary Teaching Staff (E.D.P.).
  - Research Assistants.
  - University Scholars.
  - Special Assignment Teachers.
- ADMINISTRATIVE STAFF

## **STUDENT SERVICES & FACILITIES**

The Athens University of Economics and Business provides both administrative and other services (meals, housing, library, sport facilities etc.) aiming at serving both its students and staff. More information on the organization and operation of the University's services can be found on the University's website (<http://www.aueb.gr/en>).

## **GENERAL DESCRIPTION OF THE UNIVERSITY**

Athens University of Economics and Business (AUEB), as a Higher Educational Institution, is a legal entity governed by public law and supervised by the Ministry of Education, Research and Religious Affairs.

AUEB is, in order of seniority, the third Higher Education Institution of the country and the first in the fields of Economics and Business Administration. Later, the scientific fields of Informatics and Statistics were added. Since its founding, in 1920, AUEB has a rich and noteworthy tradition of significant academic achievements that define the present and create excellent prospects for the future.

The University as a center of excellence, in academic research and teaching, is rated as one of the leading universities in its subject areas in Greece and one of the best internationally. The high level of its scientific staff, the quality in teaching and research, the modern curriculum/courses, but also the high demand of its graduates enhance significantly the University's brand name and reputation, in Greece and abroad.

More information can be found on the University's website ( <a href="http://www.aueb.gr">http://www.aueb.gr</a> ).
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# PART II: INFORMATION ABOUT THE MASTER OF SCIENCE (MSc) IN ECONOMICS

## **SCHOOL OF ECONOMIC SCIENCES**

Dean: Professor Thomas Moutos

## **DEPARTMENT OF ECONOMICS**

Chair: Professor George Alogoskoufis

## **DEPARTMENT OF INTERNATIONAL & EUROPEAN ECONOMIC STUDIES**

Chair: Professor George Economides

## **MASTER'S PROGRAM IN ECONOMICS**

Director: Associate Professor Stylianos Arvanitis

### **Contact details**

Address: 47A, Evelpidon & 33, Lefkados Str., 113 62, Athens, 9<sup>th</sup> floor, office 909

Telephone number: +30 210 8203617

Email: [post.econ@aueb.gr](mailto:post.econ@aueb.gr)

Website: <https://gradecon.aueb.gr>

## **ACADEMIC CALENDAR**

**Fall semester teaching:** 11 October 2021 - 21 January 2022

**Christmas holidays:** 23 December 2021 - 5 January 2022

**Fall semester exams:** 1-11 February 2022

**Spring semester teaching:** 14 February - 27 May 2022

**Easter holidays:** 18 - 29 April 2022

**Spring semester exams:** 6 June - 1 July 2022

## **HOLIDAYS**

Thursday, October 28, 2021, The Anniversary of the "No"

Wednesday, November 17, 2021, The Anniversary of Polytechnio

Thursday, January 6, 2022, Epiphany

Monday, March 7, 2022, Clean Monday

Friday, March 25, 2022, Greek Independence Day

Monday, June 13, 2022, Pentecost

## A) GENERAL DESCRIPTION

The MSc in Economics program is offered by the Department of Economics and the Department of International & European Economic Studies since the academic year 2018-19. It is the evolution of the Economic Theory specialization of the MSc in Economics program of the Department of Economics, which was the first master's program in Economics run in Greece (1978) and which, during its long history, has trained highly qualified economists, many of whom now hold academic and research positions in universities and research institutes or occupy high level managerial positions on the public and private sector both in Greece and abroad.

Its aim is to educate and train economists of high scientific standards in the fields of Economic Theory and Policy.

The program places particular emphasis on the subject areas of Macroeconomic Theory, Microeconomic Theory and Applied Microeconomics, Theoretical and Applied Econometrics, Finance Theory and Asset Pricing, Industrial Organization, Public Economics, Game Theory, International Economics, Environmental and Energy Economics, Mathematical Economics, Labor Economics, Economic Development.

### QUALIFICATION AWARDED

The MSc in Economics Program awards the degree of Master of Science (MSc) in Economics.

### ADMISSION REQUIREMENTS

Admissions are made on the basis of academic potential to meet the Program's high demands.

Applicants are required to have:

1. Degree from an accredited University in scientific fields like Economics, International and European Economic Studies, Regional Economics, Finance, Statistics, Mathematics, Physics, Engineering, Informatics.
2. Certificate of strong command of the English language (Level C1 or C2)

Applicants coming from non-Greek Universities are required to submit in due course a Recognition Act from [DOATAP](#) that their degree is recognized as equivalent to the Greek Universities degrees.

The call for applications is announced on the Program's website around March every year. Applications are submitted online from March to June. Available admissions are limited. Evaluation of the applicants and admission offers are made throughout the application period and in order of priority.

Selection of candidates is based on:

- Academic performance (e.g. first degree origin, grade, years for completion, etc.)
- Certificate of English proficiency (Level C2/C1) (e.g. TOEFL with a grade greater than 79, IELTS with a grade greater than 7, TOEIC with a grade greater than 785, etc)
- Academic recommendations
- Personal interview
- GRE or GMAT scores (if available; not required)

Enrollment takes place in September-October, following an announcement of the Program's Secretariat.

## **EDUCATIONAL AND PROFESSIONAL GOALS**

The MSc in Economics trains students to understand and analyze the interacting decisions and choices of individuals and firms using the tools of microeconomic theory, such as consumer, production and game theory. In addition, they become familiar with the basic theories, methodologies and techniques of modern macroeconomic analysis as well as study the interaction between the two main strands of economic theory. They are also exposed to econometric theory and practice the use of modern econometric models and techniques through advanced statistical/econometric computational resources. Graduates are well equipped to either seek employment in large companies and organizations of private and public sector in Greece and abroad (such as large private companies, public authorities, Ministries, Banks) or to continue for PhD Studies in internationally known Universities in order to be employed later in Universities (as Faculty Members), research institutes and organizations, Central Banks, Research Departments of commercial banks, etc.

## **ACCESS TO FURTHER STUDIES**

Upon completion of the MSc Program, students can access doctoral studies.

In particular, many graduates of the Program continue for doctoral studies either in Greece, such as in the Department of Economics and the Department of International & European Economic Studies of AUEB, or in internationally known Universities abroad, such as Yale, MIT, Princeton, UCLA, Oxford, LSE UK, Harvard, Cambridge, Michigan, Bocconi, Groningen, Mannheim, Stockholm etc.

## **LANGUAGE OF INSTRUCTION/EXAMINATION**

The language of instruction and exams is English and/or Greek. When at least one non-Greek speaking student is admitted to the Program, the language of instruction and exams is English.

## **TUITION FEES**

The tuition fees are 2.500 Euros and are payable in 3 installments (first installment: 900 Euros, second installment: 800 Euros, third installment: 800 Euros).

An amount of 500 Euros which is part of the first installment shall be paid to guarantee the offered position and the rest of the first installment is paid upon registration in the program at the beginning of first semester.

The remaining installments are paid at the beginning of each of the other two semesters.

## **MODE OF STUDY AND OFFICIAL LENGTH OF THE PROGRAM**

The MSc in Economics Program is a full-time program. It consists of either 3 or 4 academic semesters depending on whether students choose to undertake a dissertation or take extra courses. In particular, during the 1st (fall) and 2nd (spring) semester students are required to attend 4 and 5 courses respectively and then they decide whether they wish to undertake a dissertation during 3<sup>rd</sup> semester or to attend 6 advanced courses during 3<sup>rd</sup> and 4<sup>th</sup> semester.

## COURSE STRUCTURE DIAGRAM WITH CREDITS

COURSES PER SEMESTER	ECTS credits
<b>Preparatory courses (September)</b>	
Preparatory in Mathematics for Economists	–
Preparatory in Statistics for Economists (or Introduction in Economics for non-Economists)	–
<b>1st (Fall) Semester</b>	
Microeconomic Theory	7,5
Macroeconomic Theory	7,5
Econometrics	7,5
Mathematics for Economists	7,5
<i>total ECTS of 1st Semester:</i>	30
<b>2nd (Spring) Semester</b>	
Microeconomic Theory and Policy	6
Macroeconomic Theory and Policy	6
Data Analysis, Applied Econometrics and Computational Methods	6
Two elective courses from the list of 2nd semester electives*	2×6=12
<i>total ECTS of 2nd Semester:</i>	30
<b>3rd (Fall) Semester</b>	
Dissertation	30
or	
<b>3rd (Fall) and 4th (Spring) Semesters (instead of dissertation)</b>	
Six elective courses from the list of 3rd and 4th semester electives**	6×5=30
<b>total ECTS of MSc in Economics:</b>	<b>90</b>

**\*2<sup>nd</sup> semester electives (6 ECTS each)**

Industrial Organization  
 Finance Theory  
 Quantitative Methods in Finance  
 Public Finance  
 Environmental Economics  
 Mathematical Economics  
 Economic Development and Social Policy  
 labor Economics

**\*\* 3<sup>rd</sup> and 4<sup>th</sup> semester electives (5 ECTS each)**

Advanced Topics in International Trade  
 Advanced Topics in International Macroeconomics  
 Advanced Topics in Theoretical and Applied  
 Econometrics  
 Advanced Topics in Game Theory and Information  
 Economics  
 Advanced Topics in Finance  
 Advanced Topics in Economic Growth  
 Advanced Topics in Public Finance  
 Advanced Topics in Monetary Policy



## FINAL EXAMINATION

Fall semester final exams occur in January-February and spring semester final exams occur in May-June. Resit exams take place in September.

## EXAMINATION AND ASSESSMENT REGULATIONS

The final assessment for each course is consisted of written exams. Written exams can be partially substituted by assignments, upon the Program Committee's approval.

The formulation of the final grade in a course is determined by the course's instructor. Individual and team assignments can be part of the formulation.

Participation in the exams is mandatory.

Grades can either be round numbers or decimals to a half, from zero (0) to ten (10). The passing grades are the ones greater than or equal to 5.

If a student skips an exam, he/she fails the exam.

Failure in more than two (2) courses overall (of the total of all semester courses) means failure to complete the Program and results in the end of studies. Failure in up to two courses in an exam period allows the student to continue to the next semester, but he/she must resit the exam of course(s). Failure in any of the resit exams also leads to the end of studies.

## B) DESCRIPTION OF INDIVIDUAL COURSE UNITS

Course title	<b>PREPARATORY IN STATISTICS FOR ECONOMISTS</b>
Course code	m11201f
Type of course	Non compulsory
Level of course	Master's
Year of study	1st
Semester	1 <sup>st</sup> (preparatory stage)
Number of credits allocated	0
Name of lecturer	<b>Yannis Biliás</b> , Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The goal of this prep course is to equip students with the essential mathematical and statistical background for the smooth attendance of the econometric and, more generally, quantitative courses.
Prerequisites	Knowledge of statistics and mathematics at undergraduate level
Course contents	The purpose of this course is to refresh the basic concepts of statistics needed in econometrics and other courses. The topics covered are the following. Continuous and discrete random variables, probability and distributions. Expected value, variance, moments. Basic theoretical distributions. Multivariate distributions, conditional distributions. Stochastic independence, covariance and correlation. Sampling distributions. Hypothesis testing and estimation based on the method of maximum likelihood. Other methods of estimation (method of moments, etc.). The laws of large numbers and the central limit theorems. Presentation of the linear model using linear algebra. Estimation of the linear model with least squares and maximum likelihood methods.
Recommended reading	M.H. DeGroot (1986): <i>Probability and Statistics</i> , 2nd ed., Addison Wesley (ch1-8) Johnston, J. and J. DiNardo (1997): <i>Econometric Methods</i> , 4th ed, McGraw-Hill. (app A, B)

	W.H. Greene (2012): <i>Econometric Analysis</i> , 7th ed, Prentice Hall. (app A, B, C, D)
Teaching methods	Lectures and exercises
Assessment methods	Without grading
Language of instruction	English

Course title	<b>PREPARATORY IN MATHEMATICS FOR ECONOMISTS</b>
Course code	m11202f
Type of course	Non compulsory
Level of course	Master's
Year of study	1st
Semester	1 <sup>st</sup> (preparatory stage)
Number of credits allocated	0
Name of lecturer	<b>Spyridon Vassilakis</b> , Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The purpose of this preparatory course is to provide the level of knowledge in mathematics which is necessary for the students who will attend the Program. In particular: <i>Knowledge:</i> Upon completion of the course, students will know the basic concepts of linear algebra, scalar and vector optimization, convex sets, concave and quasi-concave functions, the basic theorems of optimization on existence, necessary conditions, sufficient conditions and properties of optimal solution sets, and their importance for economics. <i>Skills:</i> Upon completion of the course, students will be able to use the knowledge they have gained to solve linear algebra problems, scalar and vector optimization problems, and to utilize the elementary tools of convexity. <i>Abilities:</i> Upon completion of the course, students will be able to follow the required MSc courses.
Prerequisites	none
Course contents	It includes topics like set theory, vectors in $R^n$ , topology in the Euclidian space, functions and equations, linear algebra and matrices, differential calculus, concave / quasi-concave and convex / quasi-convex functions, optimization with and without constraints.
Recommended reading	1.Simon and Blume: Mathematics for Economists 2.takayama: analytical methods in economics 3.de la Fuente: Mathematical Methods and Models for Economists 4.webster: convexity 5.nikaido: introduction to sets and mappings in modern economics
Teaching methods	Lectures/exercises
Assessment methods	exercises
Language of instruction	English

Course title	<b>MICROECONOMIC THEORY</b>
Course code	m11104f
Type of course	Compulsory
Level of course	Master's
Year of study	1st
Semester	1st (fall)
Number of credits allocated	7,5
Name of lecturer	<b>Spyridon Vassilakis</b> , Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<i>knowledge</i> Upon completion of the course, students will know some of the basic concepts of scalar and vector optimization, competitive equilibrium, and welfare economics, and their importance for economics. <i>Skills</i> Upon completion of the course, students will be able to use the knowledge they

	<p>have gained to solve economic problems with the elementary tools of competitive equilibrium, and welfare economics.</p> <p><i>Abilities</i></p> <p>Upon completion of the course, students will be able to follow more advanced/specialized courses and initiate their study of this part of the economics literature.</p>
Prerequisites	none
Course contents	<p><u>Producer Theory:</u>  Production Sets, production functions, profit maximization  Testable implications of producer theory (WARP)  Properties of indirect profit/net supply functions 2  Representative producers.</p> <p><u>Consumer theory:</u>  Preferences, utility functions, utility maximization.  Testable implications of consumer theory (WARP, GARP, SARP)  Properties of indirect utility functions  Properties of individual excess demand functions (H-W-B-SARP)  Properties of market excess demand functions (H-W-B - but not always SARP or WARP)  Positive and normative representative consumers.</p> <p><u>Competitive equilibrium:</u>  Definition: computational examples, competitive equilibrium with taxes and lump-sum transfers  Special cases: (1x1x2 economy, 2x2x2 economy, exchange economy, small open economy, economies of Leontief and von Neumann).  Existence: large non-convexities relative to market size, non-interior endowments.  Uniqueness: WARP and constant returns to scale, WARP in an exchange economy, taxes, externalities, economies with an arbitrarily large number of equilibria, economies with Pareto-ranked equilibria.  Stability: WARP in an exchange economy, substitutes and complements, wealth effects, economies with a unique and unstable equilibrium.  Comparative statics: substitutes and complements, wealth effects, the transfer paradox the paradox of productivity, the paradox of piecemeal policy reforms, the paradox of immiserating growth.  Testable implications: level of aggregation, externalities, testability of local stability and uniqueness.</p> <p><u>Welfare analysis:</u>  Pareto efficient points: definition, examples, two methods of calculation  First and second welfare theorems: conditions for efficient equilibria, interactions between efficiency and distribution  Distortions (third welfare theorem): efficiency when different agents face different relative prices  Compensatory distortions (second-best theorem)  Equilibrium with externalities/public goods: The four kinds of externalities, market and non-market corrections.  The national income test: national income as an index of welfare, with and without distortions.</p>
Recommended reading	<ol style="list-style-type: none"> <li>1. Andreu Mas-Colell, Michael D. Whinston and Jerry R. Green: Microeconomic Theory</li> <li>2. Hal R. Varian: Microeconomic Analysis.</li> <li>3. David M. Kreps: Microeconomic Foundations I. Choice and Competitive Markets</li> <li>4. Geoffrey A. Jehle and Philip J. Reny: Advanced Microeconomic Theory</li> </ol>
Teaching methods	Lectures/exercises
Assessment methods	Written examinations
Language of instruction	English

Course title	<b>MACROECONOMIC THEORY</b>
Course code	m11105f
Type of course	compulsory
Level of course	Master's
Year of study	1st
Semester	1 <sup>st</sup> (fall)
Number of credits allocated	7,5
Name of lecturer	<b>George Alogoskoufis</b> Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The course aims to present the main models used in modern macroeconomic analysis and research, and to familiarize students with them as well as with current analytical methods and techniques.
Prerequisites	It assumes some familiarity with undergraduate macroeconomics and basic mathematical tools.
Course contents	We focus on models of economic growth and aggregate fluctuations, unemployment and inflation and monetary and fiscal policy. The course covers the following topics: 1. Models of exogenous and endogenous growth. 2. New Classical and New Keynesian models of aggregate fluctuations. 3. Models of Monetary and Fiscal Policy
Recommended reading	Alogoskoufis, G. (2019), <i>Dynamic Macroeconomics</i> , Cambridge, MA., MIT Press
Teaching methods	Lectures and exercises
Assessment methods	Final written exam and class assignments
Language of instruction	English

Course title	<b>ECONOMETRICS</b>
Course code	m11106f
Type of course	Compulsory
Level of course	Master's
Year of study	1st
Semester	1 <sup>st</sup> (fall)
Number of credits allocated	7,5
Name of lecturer	<b>Yannis Biliass</b> , Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The goal of this course is to equip students with rigorous econometric background that will allow the attendance of econometric topics in subsequent courses, the study of empirical papers from various fields in economics, and the use of computing.
Prerequisites	Knowledge of statistics and linear algebra at undergraduate level
Course contents	The course is a standard first treatment of the linear model at an advanced level. It provides coverage of the OLS estimation of the linear model, finite and large-sample statistical properties of the OLS estimator, testing, violation of the classical assumptions and GLS estimation. It proceeds with alternative methods of estimation as Generalized Method of Moments (GMM) and Maximum Likelihood (ML).
Recommended reading	W.H. Greene (2012): <i>Econometric Analysis</i> , 7th ed, Prentice Hall. F. Hayashi (2000): <i>Econometrics</i> , Princeton UP. J. Johnston and J. DiNardo (1997): <i>Econometric Methods</i> , 4th ed, McGraw-Hill.
Teaching methods	Lectures and labs in R and Matlab
Assessment methods	Midterm, final exam, project.
Language of instruction	English

Course title	<b>MATHEMATICS FOR ECONOMISTS</b>
Course code	m11107f
Type of course	compulsory
Level of course	Master's
Year of study	1st
Semester	1 <sup>st</sup> (fall)
Number of credits allocated	7,5
Name of lecturer	<b>Vanghelis Vassilatou</b> , Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	This course is an introduction to commonly used dynamic optimization methods in economics. The emphasis is on solution methods rather than rigorous proofs. After completing the course, students will be able to compile the knowledge they have gained and, apply the techniques mastered in order to analyze, evaluate and solve dynamic models of the kind encountered in economics.
Prerequisites	
Course contents	Discrete Dynamics. First, second and higher order linear difference equations. Linear difference equations systems. Continuous Dynamics. First, second and higher order linear differential equations. Linear differential equations systems. Phase Diagrams. Solution methods of linear rational expectations systems. Dynamic Optimization in Discrete and Continuous Time Dynamic Systems. Optimal control. Dynamic programming.
Recommended reading	Adda, Jerome and Cooper, Russell, Dynamic Economics, MIT Press, 2003. Blanchard, Olivier and Fischer, Stanley, Lectures on Macroeconomics, MIT Press, 1989. Caputo, Michael R., Foundations of Dynamic Economic Analysis, Optimal Control Theory and Applications, Cambridge University Press, 2005. Chiang, Alpha, Elements of dynamic optimization, McGraw-Hill, 1992. Farmer, Roger, The Macroeconomics of Self-Fulfilling Prophecies, MIT Press, 1993. Gandolfo, Giancarlo, Economic Dynamics, Springer 1997. Hoy, Livernois, McKenna, Rees, Stengos, Mathematics for Economics, 2nd edition, MIT Press, 2001. Kamien, Morton and Schwartz, Nancy, Dynamic Optimization, North Holland 1991. Ljungqvist, Lars, Sargent, Thomas J., Recursive Macroeconomic Theory, 3d edition, MIT Press, 2012. Shone, Ronald, Economic Dynamics, Cambridge University Press, 1997. Sorger, Gerhard, Dynamic Economic Analysis, Deterministic Models in Discrete Time, Cambridge University Press, 2015. Stachurski, John, Economic Dynamics, Theory and Computation, MIT Press, 2009. Stokey, N.L., Lucas, R.E., Recursive Methods in Economic Dynamics, Harvard University Press, 1989. Sydsaeter, Hammond, Seierstad, Strom, Further Mathematics for Economic Analysis, Prentice Hall, 2005 Turkington, D.A., Mathematical Tools for Economics, Blackwell, 2007.
Teaching methods	Lectures and tutorials
Assessment methods	Final exam / Assignments (10% bonus on the final exam grade if all submitted)
Language of instruction	English

Course title	<b>MICROECONOMIC THEORY &amp; POLICY</b>
Course code	m11108f
Type of course	compulsory
Level of course	Master's
Year of study	1st
Semester	2 <sup>nd</sup> (spring)
Number of credits allocated	6
Name of lecturer	<b>Nikolaos Vettas</b> , Professor

Objective of the course (preferably expressed in terms of learning outcomes and competences)	Master the basic notions and tools concerning pricing with market power, uncertainty and information and strategic behavior – game theory.
Prerequisites	First semester courses in the MSc program, especially the Micro I and the Mathematics courses.
Course contents	<ol style="list-style-type: none"> <li>1. Market structure and welfare. From perfect competition to monopoly and between. Optimal pricing, elasticity, and monopoly distortion.</li> <li>2. Basic concepts in game theory. Introduction to the economics of strategic behavior. Static games of complete information and the strategic (normal) form representation.</li> <li>3. Dynamic games of complete information and the extensive form representation Subgame Perfection.</li> <li>4. Leading applications of game theory: Oligopoly theory and Bargaining</li> <li>5. Repeated games and the folk theorem; trigger strategies and collusion.</li> <li>6. Introduction to the economics of information. Risk, uncertainty and von Neumann-Morgenstern expected utility. Adverse selection and moral hazard.</li> <li>7. Static games of incomplete information. Bayes-Nash equilibrium. Revelation principle. Screening and Hidden Information. Auctions</li> <li>8. Dynamic games of incomplete information. Sequential, Perfect Bayesian equilibrium Signaling</li> <li>9. Moral Hazard. Hidden Action and Principal-agent models Managerial Incentives</li> </ol>
Recommended reading	<p><u>Main texts:</u>  A.Mas-Colell, M.Whinston and J.Green, <i>Microeconomic Theory</i>, Oxford, 1995  R.Gibbons, <i>A Primer in Game Theory</i>, Harvester Wheatsheaf, 1992  S. Bikhchandani, J. Hirshleifer and J. G. Riley, <i>The Analytics of Uncertainty and Information</i>, Cambridge, 2013</p> <p><u>Additional:</u>  D.Kreps: <i>A Course in Microeconomic Theory</i>, Princeton, 1990  D.Fudenberg, and J.Tirole, <i>Game Theory</i>, MIT Press, 1991</p>
Teaching methods	Lectures and problem sets
Assessment methods	Problem sets, midterm and final exam
Language of instruction	English

Course title	<b>MACROECONOMIC THEORY &amp; POLICY</b>
Course code	m11109f
Type of course	compulsory
Level of course	Master's
Year of study	1st
Semester	2 <sup>nd</sup> (spring)
Number of credits allocated	6
Name of lecturer	<b>Sarantis Kalyvitis</b> , Professor <b>George Economides</b> , Professor <b>Evangelos Vassilatos</b> , Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	Upon completion of the course, students will be able to use the basic dynamic models of economic growth and aggregate fluctuations and evaluate alternative macroeconomic policies.
Prerequisites	Macroeconomic Theory
Course contents	In this course we study the theory and empirical investigation of modern macroeconomic policy with emphasis on growth and economic fluctuations. The course aims at presenting the basic models used by economists to study the economic fluctuations and to analyze the basic methodologies and techniques of modern macroeconomic analysis. The course covers the following topics:

	macroeconomic models of closed and open economies, implications for the conduct of monetary and fiscal policy in models with market and policy failures.
Recommended reading	Acemoglu (2009): <i>Introduction to Modern Economic Growth</i> . Princeton. Aghion P. and P. Howitt (2009): <i>The Economics of Growth</i> . MIT Press. Alogoskoufis G. (2019): <i>Dynamic Macroeconomics</i> . MIT Press. Barro R. and X. Sala-i-Martin (2003): <i>Economic Growth</i> . 2 <sup>nd</sup> edition. McGraw Hill. Blanchard O. and S. Fischer (1989): <i>Lectures on Macroeconomics</i> . MIT Press. Drazen A. (2000): <i>Political Economy in Macroeconomics</i> . Princeton University Press. Sargent T. (1987a): <i>Macroeconomic Theory</i> . Academic Press. Sargent T. (1987b): <i>Dynamic Macroeconomic Theory</i> . Harvard University Press. Turnovsky S. (2000): <i>Methods of Macroeconomic Dynamics</i> . 2 <sup>nd</sup> edition. MIT Press. Végh C.A. (2013): <i>Open Economy Macroeconomics in Developing Countries</i> . MIT Press. Wickens M. (2008): <i>Macroeconomic Theory</i> . Princeton.
Teaching methods	Lectures and tutorials
Assessment methods	Final exam (80%) and a project (20%).
Language of instruction	English

Course title	<b>DATA ANALYSIS, APPLIED ECONOMETRICS AND COMPUTATIONAL METHODS</b>
Course code	m11110f
Type of course	compulsory
Level of course	Master's
Year of study	1st
Semester	2 <sup>nd</sup> (spring)
Number of credits allocated	6
Name of lecturer	<b>Elias Tzavalis</b> , Professor <b>Ioannis Dendramis</b> , Assistant Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The aim of this course is to introduce students to applied econometric and data analysis methods. The first part of the course (Part A) covers topics in time series models (AR, MA, ARIMA) and estimation and forecasting procedures, for them. It also presents their multivariate extension (VAR-SVAR models), and presents the topics of integration-cointegration. The second part presents volatility models, and their applications in managing economic risks. Moreover, it presents econometrics models for large datasets. At the end of the course the students would have learned the recent applied econometric techniques and become familiar with applications of them, in practice, using computer software.
Prerequisites	
Course contents	<u>Part A</u> : Time Series Models: AR(p), MA(q) and ARIMA(p,d,q) models, the estimation methods of ML, LS and non-linear LS (NLLS), Integration-cointegration analysis, Multivariate framework: VAR, SVAR and VECM models <u>Part B</u> : Volatility models (ARCH, GARCH, MGARCH etc), estimation and theoretical properties, and econometric models for large datasets, (Factor models, PCA, Large Panel Data).
Recommended reading	Hamilton, J.D., Time Series Analysis, Chs, 2, 3, 5, 10, 11, 15, 17, 19 Hansen, B, Econometrics, <a href="#">Econometrics.pdf (wisc.edu)</a> Green, W.H. Econometric Analysis, Chapter 20 Hayashi, F. Econometrics, Ch9-10 Tsay, Ruey S. Analysis of financial time series, John Wiley & Sons.
Teaching methods	Lecturing, laboratory practicals, tutorials and external seminars
Assessment methods	Written exams and assignments
Language of instruction	English

Course title	<b>PUBLIC FINANCE</b>
Course code	m11214f
Type of course	elective
Level of course	Master's
Year of study	1st
Semester	2 <sup>nd</sup> (spring)
Number of credits allocated	6
Name of lecturer	<b>Pantelis Kammas</b> , Assistant Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	By the end of the course we will be able to answer: (1) what determines the size of government redistributive programs (2) to analyze the relationship between economic theory (theoretical models) and empirical findings and (3) to explain why national governments often decide to not implement the socially optimal policy.
Prerequisites	No Prerequisites for this course
Course contents	The course provides an introduction to the basic theoretical models, empirical methodologies, and substantive findings in public finance and political economics. It covers not only theoretical and empirical research, but also the links between the two. The aim of the module is to familiarize the student with the tools of modern political economics and show how these tools can be used in order to answer what determines the size of government redistributive programs and why national governments often decide to not implement the socially optimal economic policy.
Recommended reading	<ul style="list-style-type: none"> <li>• Acemoglu, A. Political Economy Lectures Notes <a href="https://economics.mit.edu/files/8753">https://economics.mit.edu/files/8753</a></li> <li>• Atkinson, A. and Stiglitz, J. (2015). Lectures in Public Economics New York, NY: McGraw Hill.</li> <li>• Hindriks, J. and Myles, G. (2013). Intermediate Public Economics. The MIT Press.</li> <li>• McCarty N., Meirowitz, A. (2007). Political Game Theory: An Introduction. Cambridge University Press.</li> <li>• Persson, T. and Tabellini, G. (2002) Political Economics: Explaining Economic Policy. The MIT Press.</li> </ul>
Teaching methods	Lectures
Assessment methods	Final Exams 50% and Written assignments/ Oral Presentations 50% of the final score.
Language of instruction	English

Course title	<b>QUANTITATIVE METHODS IN FINANCE</b>
Course code	m11213f
Type of course	elective
Level of course	Master's
Year of study	1st
Semester	2 <sup>nd</sup> (spring)
Number of credits allocated	6
Name of lecturer	<b>Panagiotis Konstantinou</b> , Assistant Professor <b>Antonios Demos</b> , Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<p>The course aims at providing a solid understanding of applied finance in order to bridge the gap between theoretical financial models and the (real) world of applied finance. Both theoretical and practical aspects are analyzed, which are important for comprehending financial markets.</p> <p>The main objectives include:</p> <ul style="list-style-type: none"> <li>• Exposing students to the statistical/econometric methodologies that are necessary for understanding applied finance.</li> <li>• Familiarizing students with important economic issues in finance.</li> <li>• Present and analyze financial data and how these can be used to make informed decisions.</li> </ul> <p>At the end of the course, students should know:</p>



	<ul style="list-style-type: none"> <li>• how to access various sources of financial data,</li> <li>• design empirical tests of theoretical issues; and</li> <li>• apply basic programming skills to analyze the data and arrive at conclusions.</li> </ul>
Prerequisites	Econometrics
Course contents	<ul style="list-style-type: none"> <li>• Time Series Concepts <ul style="list-style-type: none"> <li>○ Stationarity and Ergodicity and Applications</li> <li>○ Estimation of Long-Run Variances</li> </ul> </li> <li>• AR, MA, ARMA Models <ul style="list-style-type: none"> <li>○ Efficient Market Hypothesis and Random Walks</li> <li>○ Stationarity and Invertibility</li> <li>○ Forecasting and Forecast Evaluation</li> </ul> </li> <li>• Modelling Uncertainty: ARCH/GARCH and Stochastic Volatility Models</li> <li>• Stationary and Non-Stationary Time Series: Trend-Cycle Decomposition</li> <li>• VAR Models</li> <li>• Cointegration</li> <li>• Structural VAR Models and Causal Inference</li> </ul>
Recommended reading	<p>Demow, A. (2019) <i>Financial Econometrics</i>, AUEB Publications (in Greek)</p> <p>Angrist, J. D. and J.-S. Pischke (2009) <i>Mostly Harmless Econometrics: An Empiricist's Companion</i>, Princeton University Press</p> <p>Campbell, J.Y., A.W. Lo and A.C. MacKinlay (1997) <i>The Econometrics of Financial Markets</i>, Princeton University Press.</p> <p>Cochrane, J. H. (2001) <i>Asset Pricing</i>, Princeton University Press.</p> <p>Cuthbertson, K. and D. Nitzche (2005) <i>Quantitative Financial Economics</i>, Wiley</p> <p>Hansen, B. (2020) <i>Econometrics</i></p> <p>Hamilton, J. D. (1994) <i>Time Series Analysis</i>, Princeton University Press</p> <p>Kilian, L. and H. Lütkepohl (2017) <i>Structural Vector Autoregressive Analysis</i>, Cambridge University Press</p>
Teaching methods	<ul style="list-style-type: none"> <li>• Face to face Lectures</li> <li>• Seminar: Case-Study Analysis</li> <li>• Empirical Analyses using R</li> </ul>
Assessment methods	<ul style="list-style-type: none"> <li>• Assignments (50%)</li> <li>• Written Examination (50%)</li> </ul>
Language of instruction	English

Course title	<b>MATHEMATICAL ECONOMICS</b>
Course code	m11216f
Type of course	elective
Level of course	Master's
Year of study	1st
Semester	2 <sup>nd</sup> (spring)
Number of credits allocated	6
Name of lecturer	<b>Stylianos Arvanitis</b> , Associate Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	To obtain some level of maturity in handling advanced notions of mathematical analysis with a view towards their application in solving problems arising in Economic Theory and Econometrics.
Prerequisites	No formal prerequisites. Some familiarity with notions of real analysis is advised.
Course contents	The course is an introduction to notions of mathematical analysis appearing in the theory of metric spaces with applications in economic theory and/or econometrics. It examines topological notions like sequential convergence, or functional continuity, finitary notions like compactness, etc., and non-topological notions, like total boundedness, uniformities and completeness, as well as their interplay. It constructs an advanced vocabulary in mathematical analysis that among others, enables addressing

	issues of approximation of optimization problems, states and proves a variety of fixed point theorems. The latter are used in order to establish existence (and occasionally uniqueness and/or approximability) of solutions of general systems of equations. They are applied to problems appearing in dynamic optimization, game theory, etc.
Recommended reading	<p>The following references are indicative. During the course this catalogue can be enriched with further readings. In any case the students are strongly advised to study the network of notions that are examined from as many available sources as possible.</p> <ol style="list-style-type: none"> <li>1. Aliprantis Ch., and K.C. Border. Infinite Dimensional Analysis. Springer, 2005.</li> <li>2. Ok Efe. Real Analysis with Economic Applications. Princeton University Press, 2007.</li> <li>3. Corbae D., Stinchcombe M, and J. Zeman. An Introduction to Mathematical Analysis for Economic Theory and Econometrics. Princeton U.P., 2009.</li> <li>4. O'Searcoid, M. Metric Spaces. Springer Science &amp; Business Media, 2006.</li> <li>5. Sutherland, Wilson Alexander. Introduction to metric and topological spaces. Oxford University Press, 1975.</li> <li>6. Border, K. C. Fixed Point Theorems with Applications to Economics and Game Theory. Cambridge Books, 1990.</li> <li>7. Ambrosio, Luigi, and Paolo Tilli. Topics on analysis in metric spaces. Vol. 25. Oxford University Press on Demand, 2004.</li> <li>8. Subrahmanyam, P. V. Elementary Fixed Point Theorems. Springer, 2018.</li> </ol>
Teaching methods	Lectures, Tutorials, Exercises
Assessment methods	Final Exam, Optional Exercises
Language of instruction	English



## PART III: INFORMATION FOR THE STUDENTS

### **General Information for the students**

Athens University of Economics and Business provides not only high-quality education but also high-quality student services. The adoption of the Presidential Decree 387/83 and Law 1404/83 defines the operation, organization and administration of Student Clubs at Universities, which aim at improving the living conditions of the students and enhance their social and intellectual wellbeing through engagement and socialization initiatives.

To fulfill this objective the University ensures the required infrastructure for housing, meals and sports activities through the operation of a student restaurant, reading rooms, library, organization of lectures, concerts, theatrical performances and excursions in Greece and abroad. Further in this context, the University supports the development of international student relations, organizes foreign language classes, computer/software literacy classes, and courses in modern Greek as a foreign language for foreign students and expatriated Greek students.

### **Meals**

In the main building of the University there is a restaurant where all members of the university community can enjoy meals for free or by paying a minimum fee. Free meals are granted to those who meet special conditions (by contacting the Student Club).

### **Medical Services, Insurance / Healthcare**

Undergraduate, postgraduate and PhD students at the University who have no other medical and hospital care are entitled to full medical and hospital care in the National Health System with coverage of the relevant costs by the National Health Service Provider. The doctor's office is located in the main building and operates on some working days as announced. A psychiatric counseling service also operates at the University, staffed with a physician specializing in the treatment of mental health issues. More information can be found here <https://www.aueb.gr/en/content/health-care>.

### **Services/Facilities to Students with Special Needs**

Athens University of Economics and Business ensures the facilitation of students with special needs for access to the university buildings through ramps, lifts and other equipment. There are also specific exam regulations for students with special needs.

In addition, the Library provides students with visual impairment with aids to access online the proposed reading lists of the courses taught at the University. In this context, the Association of Greek Academic Libraries has developed a multimodal electronic library called AMELIB. Entry to this service requires user authentication as well as username and password. More information can be found on the Library website <https://www.aueb.gr/en/lib/content/users-additional-needs>.

### **Student Financial Aid – Scholarships and Awards**

Athens University of Economics and Business offers scholarships to undergraduate and graduate students in order to support them and to award and encourage excellence. The resources for these scholarships come from the Institution itself or from partnering organizations. More information about scholarships, according to the level of studies, can be found here <https://www.aueb.gr/en/content/scholarships>.

### **Library and Study Rooms**

The Library & Information Center of the University was established in 1920 and operates on the first and second floor of the University's main building. The AUEB Library is a member of the Hellenic Academic Libraries Association (Heal-LINK), the European Documentation Centers Europe Direct and the Economic Libraries Cooperation Network (DIOB).

Three Documentation Centers operate within the Library:

- The European Documentation Center (KET) since 1992,
- The Organization for Economic Cooperation and Development (OECD) Documentation Center since 1997,
- The Delegation Center of the World Tourism Organization (WHO) hosting publications since 2004.

The Library contributes substantially both to meeting the needs for scientific information of the academic community and to supporting studying and research of students. This objective is achieved through the unified organization of collections and the coordination of the services provided. The Library provides access to:

- Its printed collection of books and scientific journals,
- Course books used in classes,
- Its collection of electronic scientific journals

- Its collection of e-books
- Postgraduate theses and doctoral theses that are produced in Athens University of Economics and Business and deposited in digital form at the PYXIDA institutional repository
- Sectoral studies
- Statistical series by national and international organizations
- Audiovisual material
- Information material (encyclopedias, dictionaries)
- Collection of official government publications of the European Union, the OECD and the WCO
- Databases on the issues adopted by the University
- Printed collections of other academic libraries

The Library lends all its printed collections, except for magazines and statistical series, in accordance with its internal rules of operation. The Library and Information Center offers reading rooms, computer workstations for visitors, photocopiers and printing machines, and interlibrary loan of books and journal articles from other academic libraries that are members of its network. More information can be found here <https://www.aueb.gr/en/library> .

### **International Programmes and Information on International Student Mobility**

Athens University of Economics and Business is actively involved in the Erasmus+ Program by promoting cooperation with universities, businesses and international organizations of the European Union (EU) as well as in the mobility of students, teaching and administrative staff. Within the framework of this Program, the University collaborates with more than 220 European Institutions on the subjects that its Departments encompass. It is worth mentioning that more than 7,000 students have participated in the "Erasmus" Program to date. Of these, approximately 4,000 AUEB students have attended courses at Associate Universities in Europe and about 3,000 foreign students who have completed a period of study at AUEB ensure accreditation through the Credit Transfer and Accumulation System (ECTS).

Finally, AUEB, adopting the internationalization and extroversion strategy, has been successfully participating in the International Credit Mobility Program with the aim of developing international collaborations in education and research with Partner Universities in countries outside the EU via:

a) student mobility b) short-term teaching staff mobility and c) teaching / administrative staff training mobility. The Program was first implemented in the academic year 2015-2016, and since then a total of 52 students and staff members moved from and to 8 Partner Institutions in countries outside the EU (USA, Canada, Singapore, Russia, South Korea, Armenia). More information can be found in the here <https://www.aueb.gr/en/content/erasmus-programme>

### **Foreign Language Courses**

Knowledge of foreign languages is a necessity in today's educational and professional context. The Student Club offers opportunities of attending foreign language classes. Classes are held in English, French, German, Spanish, Italian and Russian, and new language seminars are available upon request. More information can be found here <https://www.aueb.gr/en/content/foreign-languages-university-student-club> .

### **Connections with the Job Market and Entrepreneurship**

DASTA AUEB is the University's Employment and Career Unit that plans, coordinates and implements actions related to:

- a) Entrepreneurship and innovation
- b) Connecting students and graduates with the labor market

- c) Connecting the academic community with businesses
- d) Offering internships, and
- e) Supporting dissemination of research output.

DASTA is structured in three units:

- a) the Internship and Career Unit, that focuses on supporting our students and graduates in their professional development. The Unit also offers consulting services to students and graduates regarding work and educational future.
- b) the ACEin Unit (Athens Center for Entrepreneurship and Innovation). Its goal is to support business ventures focused on implementing an innovative idea, develop a sustainable business effort or exploit the results of their research. At the same time, the Unit organizes actions that are part of a wider network between the Unit and the market in specific productive sectors.

More information can be found here <https://www.aueb.gr/en/dasta>

### **Athletic Activities**

Students can participate in individual and team sports activities through the Department of Physical Education, which is staffed by University personnel, as well as a number of part-time instructors specialized in various sports. The University cooperates with the City of Athens Culture, Sports and Youth Organization and uses public and private sports facilities. More information can be found here <https://www.aueb.gr/en/content/athletic-activities>

### **Cultural Activities**

To fulfill its purpose of providing a multidimensional study experience at AUEB, the Student Club organizes various cultural activities, such as theater, traditional dance, choir, photography, cinema, rhetorical club and Model Of United Nations (MUN). More information can be found here <https://www.aueb.gr/en/content/cultural-activities>

### **Student Organizations and Clubs**

Various student organizations and clubs are active within the AUEB community, including AIESEC, Erasmus Club, Investment Club, Entrepreneurship Club ThinkBiz, and other. More information can be found here <https://www.aueb.gr/en/content/student-clubs>

### **Alumni Network**

Adhering to a long tradition of educating future top executives in the economic, social and political life of the country, AUEB is proud of the fact that thousands of its graduates hold leading positions in companies, organizations, research institutes and universities in Greece and abroad. Understanding the importance of developing and strengthening the bond with its graduates, AUEB created its Alumni Network including a platform where all graduates of the University can register. The main goals of the Network are the connection of the graduates with their colleagues and former fellow students, and diffusion of information about activities, services and events in and around the University that concern them. More information can be found here <https://alumni.aueb.gr/en>

### **Volunteer Program**

AUEB's Volunteer Program was launched in September 2017 and since then has brought more than 450 volunteers to for-impact organizations around Athens, implementing more than 50 volunteer

activities. The aim of “AUEB Volunteers” is to give the chance to the members of university’s community, i.e. students, faculty and administrative staff, to experience volunteering so as to highlight the value of participation and contribution to society and the university, as well as to sensitize more citizens about crucial social issues. More information can be found here <https://auebvolunteers.gr/english-intro/>

### **Quality Assurance**

Athens University of Economics & Business implements a quality assurance policy in order to continuously improve the quality of its educational programs, research activities and administrative services, and upgrade the academic and administrative processes and the University’s overall operations. The Quality Assurance Unit (MODIP) coordinates and supports all related activities including the administration of the University-wide teaching and course evaluation process by students across all programs. More information can be found here <https://aueb.gr/modip>.

### **Education and Lifelong Learning Center**

The Center for Education and Lifelong Learning (KEDIVIM / AUEB) ensures the coordination and interdisciplinary cooperation among all University entities in the development of continuous education programs, which complement and upgrade the skills and competences of the program participants. These programs build on participants earlier formal education, vocational training and professional experience. The aim is to facilitate job market integration, career and personal development. More information can be found here <https://www.aueb.gr/en/content/kedivim-opa>