

**ΟΙΚΟΝΟΜΙΚΟ  
ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΑΘΗΝΩΝ**



ATHENS UNIVERSITY  
OF ECONOMICS  
AND BUSINESS

# **ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS QUALITY ASSURANCE UNIT**

**POSTGRADUATE PROSPECTUS FOR THE MASTER'S PROGRAMME  
IN LAW AND ECONOMICS IN ENERGY MARKETS**

**ATHENS, DECEMBER 2020**



## PART ONE: INFORMATION ABOUT THE INSTITUTION

### CONTACT INFORMATION

ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS (AUEB)

Address: 76 Patission Str., GR-10434, Athens

Telephone: +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/>

### RECTOR AND VICE RECTORS

#### 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

#### School of Economic Sciences

Dean: Associate Professor Anastasia Miaouli

##### Department of International & European Economic Studies

Chair: Professor George Economides

##### Master's Program in Law and Economics in Energy Markets

Director: Asterios Pliakos

#### Contact details

Address: 47A Evelpidon Str. & 33 Lefkados Str., Athens, GR 113 62

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Website: [www.dept.aueb.gr/lawecon](http://www.dept.aueb.gr/lawecon)

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

## **ACADEMIC CALENDAR**

### **Re-sit exam period September-October 2020**

Start of Exams:	Monday, August 31, 2020
End of Exams:	Friday, October 9, 2020
Announcement of grades:	by Monday, November 9, 2020

### **WINTER SEMESTER**

Classes begin:	Monday, October 12, 2020
Winter Break begins:	Tuesday, December 22, 2020
Classes resume:	Thursday, January 7, 2021
Classes end:	Friday, January 29, 2021

### **Exam period January-February 2021**

Start of Exams:	Monday, February 1, 2021
End of Exams:	Friday, February 26, 2021
Announcement of grades:	by Friday, March 26, 2021

### **Holidays**

Celebration of October 28, 1940, Wednesday, October 28, 2020  
Anniversary of the Polytechnic, Tuesday, November 17, 2020  
Epiphany, Wednesday, January 6, 2021

### **SPRING SEMESTER**

Classes begin:	Monday, March 1, 2021
Spring Break begins:	Friday, April 23, 2021
Classes resume:	Monday, May 10, 2021
Classes end:	Friday, June 11, 2021

### **Exam period June 2021**

Start of Exams:	Monday, June 14, 2021
End of Exams:	Friday, July 9, 2021
Announcement of grades:	by Monday, August 2, 2021

### **Holidays**

Clean Monday, Monday, March 15, 2021  
Greek Independence Day, Thursday, March 25, 2021  
Pentecost Monday, Monday, June 21, 2021

## **UNIVERSITY LEADERSHIP & STRUCTURE**

The organization and operation of the University is defined by relevant Greek legislation. Athens University of Economics and Business is under the supervision of the Ministry of Education and Religious Affairs. Its organizational structure includes:

## THE UNIVERSITY SENATE

The **Senate** consists of:

- the Rector
- the Vice Rectors
- the Deans of the Schools
- the Department Chairs
- one representative each of the Undergraduate students, the Master's students and the Doctoral students
- one representative each from the personnel categories of Special Teaching Staff, Laboratory Teaching Staff, Special Technical Laboratory Staff and Administrative Staff

The **Senate** is the highest collective decision-making body of the University.

## 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 Department of Informatics and the Department of Statistics.

In accordance with Greek law, each School is governed by: (a) the General Assembly of the School, (b) the Dean's Council, and (c) the Dean of the School.

## DEPARTMENTS

The Department is the University's basic educational and academic unit, which advances the development of science and knowledge in its relevant academic field, organizes and teaches the curriculum and ensures that it is continuously improved and updated. The Department consists of all the Professors, Associate Professors, Assistant Professors, Lecturers, members of the Special Teaching Staff, members of the Laboratory Teaching Staff and members of the Special Technical Laboratory Staff who serve in it.

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

In accordance with Greek law, each Department is governed by: (a) the Departmental General Assembly, (b) the Administrative Board, and (c) the Department Chair.

## **UNIVERSITY STAFF**

The University staff consists of the following categories:

### **-- TEACHING STAFF:**

- The Teaching and Research Staff which consists of (a) Professors, (b) Associate Professors, (c) Assistant Professors, and (d) Lecturers.
- Special Teaching Staff.
- Laboratory Teaching Staff.
- Special Technical Laboratory Staff.
- Auxiliary Teaching Staff.
- Research Assistants.
- Adjunct Teaching Staff.
- Instructors on secondment.

### **-- ADMINISTRATIVE STAFF**

## **SERVICES & FACILITIES**

The Athens University of Economics and Business provides both administrative and other services (meals, housing, library, sport facilities, etc.) aimed 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 and Religious Affairs.

AUEB is the third oldest Institution of Higher Education in the country and the first in the fields of Economics and Business Administration. During the course of its development, the scientific fields of Informatics and Statistics have been added. Since its founding in 1920 until today, AUEB has produced a rich and noteworthy tradition of significant academic achievements that characterize the present and create excellent prospects for the future.

The University, a center of excellence in academic research and teaching, is rated as one of the leading universities in Greece, and one of the best internationally, in the academic fields

which it teaches. The University's reputation reflects, on the one hand, the high level of its scientific staff, the quality of its teaching and research and the modern curricula of its Departments and, on the other, the high-level training of its graduates which enables them to achieve professional success both in Greece and abroad.

### List of undergraduate programmes leading to an academic degree

Athens University of Economics and Business offers the following curricula and corresponding specializations which lead to an undergraduate degree:

	<b>DEPARTMENT CURRICULUM</b>	<b>SPECIALIZATIONS</b>
1.	International and European Economic Studies	1. International Economics and Finance 2. International and European Political Economy
2.	Economics	1. Economic Theory and Policy 2. Business Economics and Finance 3. International and European Economics
3.	Management Science and Technology	1. Operations Research and Business Analytics 2. Operations and Supply Chain Management 3. Software and Data Analysis Technologies 4. Information Systems and Electronic Business 5. Strategy, Entrepreneurship and Human Resources
4.	Business Administration	1. Business Administration 2. Information Systems Management 3. Accounting and Financial Management 4. Marketing
5.	Accounting and Finance	1. Accounting 2. Finance
6.	Marketing and Communication	1. International Management, Innovation and Entrepreneurship 2. Human Resource Management 3. Business Analytics 4. Digital Marketing
7.	Informatics	1. Theoretical Computer Science 2. Computer Systems and Networks 3. Information Systems and Information Security 4. Databases and Knowledge Management 5. Operational Research and Economics of Information Technology 6. Computational Mathematics and Scientific Calculations
8.	Statistics	No specializations are offered

Detailed information about each Department's curriculum is provided in the Department's Undergraduate Prospectus and on its website.

## **Main University Regulations (including academic recognition procedures)**

The University operates according to various sets of regulations, including:

- The University's Internal Regulations for Operation
- The Regulations for Administrative Services
- The Internal Regulations for Operation of the Master's and Doctoral Programs
- The Internal Regulations for postdoctoral research
- Regulations for Examinations

## **ECTS Coordinator of the University**

The University's ECTS Coordinator is the Quality Assurance Chairperson, who ensures the University's compliance with the principles and rules of the European credit accumulation and transfer systems, supervises compliance and implementation and is responsible for the full recognition and transfer of credit units.

## **Part Two: Information about the Master's Programme in Law and Economics in Energy Markets**

### **A. GENERAL DESCRIPTION**

The Master's Programme entitled "Law and Economics in Energy Markets" was established by the 10 July 2018 decision of the University Senate. The Programme is governed by the provisions of the Programme's Studies Regulations which were prepared pursuant to the decision of the Department's General Assembly on 16 October 2018 and relevant decisions of the University Senate, in accordance with Greek Law.

#### **The academic degree**

The Master's Programme awards an MSc in Law and Economics in Energy Markets.

#### **Entrance requirements**

To be accepted into the Master's Programme, students are required to have an undergraduate degree from a Greek Institution of Higher Education, or an undergraduate degree from a foreign Institution of Higher Education which has been recognized by the Hellenic National Academic Recognition Information Center, in accordance with the provisions of Greek law, as specified in the Programme's Studies Regulations.

In accordance with specifically defined provisions of Greek law, members of the staff categories of Special Teaching Staff, Laboratory Teaching Staff, and Special Technical Laboratory Staff are accepted into the Master's Programme in addition to the prescribed number of admissions. The Master's Programme accepts up to 50 students into the full-time programme and up to 50 students into the part-time programme every academic year. The Programme is designed to employ 26 teaching staff.

The Master's Programme in Law and Economics in Energy Markets is aimed at a wide range of candidates who are university graduates with different knowledge and different scientific backgrounds. Examples of individuals who might be interested in this Master's Programme are graduates in fields such as Economics, Business Administration, Finance, Political Science, Law, Public Administration, the Sciences, the Social Sciences, Engineering, or other fields, who have a scientific or professional interest in issues which relate to energy markets.

Furthermore, the Programme is designed to enable university graduates who want to complete their Master's studies as quickly as possible to study within the framework of the full-time programme. At the same time, it is also designed for executives in the private or public sector who – on the one hand, because of their professional career and development need to acquire the knowledge and skills offered by the Programme, but on the other hand, because of their professional obligations – will choose to complete their studies within the framework of the part-time programme.



### **A.1. Features of the Master's Programme in International and European Economic Studies**

The Master's Programme in Law and Economics in Energy Markets includes the following fields:

→ European and International Energy Economics

→ European and International Energy Law

The purpose of the Programme is the promotion of knowledge and the development of interdisciplinary analysis and research in the area of energy markets.

### **A.2. Learning Outcomes of the Master's Programme in Law and Economics in Energy Markets**

The Master's Programme aims to:

- ✓ Educate and train business executives to be capable of solving complex issues in the energy sector.
- ✓ Offer the Programme's students, who have primarily a legal or an economics background, a specialization that will enable them to work in Greek, European and international companies in the energy sector.
- ✓ Enhance the ability of the Programme's graduates to obtain employment in Greek, European and international markets, after having been well prepared to participate in European and international competitions.
- ✓ Provide the Programme's graduates the opportunity to pursue careers in the Greek public and private energy sector, by equipping them with the qualifications necessary to compete for responsible and management positions.
- ✓ Train students in the processes for shaping the policies and strategies of the European Union, in international negotiations in energy issues and in their implementation in the national context.
- ✓ Introduce students to the geopolitical dimension of energy, and to transnational logic and the need for supranational solutions that are mutually beneficial.
- ✓ Train students in the search for and development of methodological tools which combine environmental protection, sustainable energy development and the achievement of energy security, in a continuously changing international context.
- ✓ Prepare students so that they are able to understand energy developments and to design strategies and policies, as executives of public and international organizations and companies.
- ✓ Provide students with the opportunity to do internships at companies and to attend seminars held at companies within the energy sector.
- ✓ Organize visits for students to companies in the energy sector, to electric power generating plants, to networks that provide electricity and natural gas, and so forth.

### **A.3. Career Opportunities for Graduates**

The objective of the Master's Programme is the scientific training of its students and the application of their knowledge and skills to current economic and legal issues that characterize modern energy markets in the international and European environment.

A key feature of the Programme is the combination of interdisciplinary training (interdisciplinary specialization with primary components in legal and economic sciences) and practical experience in the analysis, planning and management of business action in the energy sectors, in the way that they are shaped, developed and operated in the national, European and international context.

Today there is a continuously growing demand for graduates, especially in the economics and legal sciences, with a postgraduate specialization in energy markets, who are called upon to operate in a constantly changing institutional and regulatory environment, at both the European and the global levels.

The Programme provides its students with the requisite fundamental economic and legal knowledge, as well as the ability to apply it, both to the operation of businesses in the globalized environment as well as to economic planning within the European Union.

### **A.4. Access to further studies**

The Department of International and European Economic Studies (D.I.E.E.S.) of Athens University of Economics and Business offers the opportunity to conduct doctoral studies and research in areas that fall within the research interests and/or the field of studies of the Department.

The [Doctoral Programme](#) aims, on the one hand, to produce original, high-level scientific research and, on the other, to create scientists capable of contributing to the advancement of science, education and relevant applications. Graduates are well-prepared to hold responsible positions in the academic, research and business workplace, both in Greece and abroad.

### **A.5. Research and Teaching Labs of the Department**

Due to increased needs for Lab usage in teaching, computer training and research, in addition to the computer services provided by the Computer Centre and the Centre of Network Management that operate University-wide, the Department of International and European Economic Studies operates the following labs providing additional computer infrastructure for all its members.

#### **Laboratory for Monitoring and Analysing European Affairs (Eurolab)**

**Director: Professor I. Billias**

Field of studies: The lab covers teaching and research needs in the field of International and European Economic Relations and particularly in the fields of: 1) Analysis in economic, political and legal developments in the European Union and other International Organizations, 2)

Simulation and analysis of consequences of such developments for the Greek Economy and Law,  
3) Promotion of research in the field of International and particularly European economic Relations.

Location: A 34, 3rd floor, Antoniadou Wing, Patision 76 building.

#### **“Laboratory of International Economic Relations, LINER”**

**Director: Professor S. Kalyvitis**

Field of studies: The lab serves teaching and research needs in the field of “International Economics” with an emphasis in International Trade and International Macroeconomics. Some of the fields covered are the international trade of goods and services, the international mobility of production factors, the relation between international trade and the environment, international trade agreements, exchange rates, international investment and foreign debt.

Location: A 42, 4th Floor, Antoniadou Wing, Patision 76 building.

#### **“Research laboratory on Socio-Economic and Environmental Sustainability - ReSEES”**

**Director: Professor P. Koundouri**

Field of studies: The lab serves teaching and research needs in the field of “Sustainable Management of Natural Resources and Energy: Economic, Econometric, Social and Political Aspects”. The main goal of ReSEES is the pursuit of excellence in conducting and presenting research on the environment, the natural resources and energy in different time and spatial scales. The research tools employed by ReSEES involve financial analysis, socioeconomic and econometric analysis, environmental valuation, political and institutional analysis, integrated environmental-economic modelling, life-cycle analysis, risk analysis, geographic information systems, game theory, development of computing tools and decision making.

Location: A 49, 4th floor, Antoniadou Wing, Patision 76 building.

### **LABS OF THE SCHOOL OF ECONOMIC SCIENCES**

#### **Economic Growth and Social Policy Laboratory**

**Director: Professor P. Tsakoglou**

Field of studies: The lab serves research and teaching needs in the broader field of “Economic and Social Policy” and in particular in issues relating to economic growth, political economy, social protection, labour market, the financial sector, industrial organisation, competition policy and environmental policy.

Location: A 49, 4th floor, Antoniadou Wing, Patision 76 building.

## **Training Laboratory of the School of Economic Sciences (EconLab)**

Location: Rooms 605 and 610, 6th floor, Evelpidon 47A and Lefkados building.

### **A.6. Faculty**

#### **PROFESSORS**

##### **Ioannis Billias**

BA in Economics, National and Kapodistrian University of Athens

MA in Economics, Athens University of Economics and Business

Ph.D. in Economics, University of Illinois, Urbana-Champaign

##### **Dimitrios Bourantonis**

BA in Political Science, National and Kapodistrian University of Athens

BA in Law, National and Kapodistrian University of Athens

Ph.D. in Political Science, University of Reading

##### **Dimitrios Christopoulos**

BA in Economics, Athens University of Economics and Business

Ph.D. in Economics, Panteion University of Social and Political Sciences

##### **Antonios Demos**

BA in Mathematics, National and Kapodistrian University of Athens

Postgraduate Certificate in Economics and Econometrics, Southampton University

MSc in Econometrics and Mathematical Economics, London School of Economics

Ph.D. in Econometrics and Finance, Birkbeck College, London University

##### **George Economides**

BA in International and European Economic Studies, Athens University of Economics and Business

MSc in Economics, University of York

Ph.D. in Economics, Athens University of Economics and Business

##### **Panagiotis Hatzipanayotou**

BA in Economics, Athens University of Economics and Business

MA in Economics, State University of New York, Stony Brook

Ph.D. in Economics, State University of New York, Stony Brook

##### **Sarantis Kalyvitis**

BA: Department of Economics, Athens University of Economics and Business

MSc in Economic Theory, Athens University of Economics and Business

Ph.D. in Economics, Athens University of Economics and Business

##### **George Karydis**

BA in Law, National and Kapodistrian University of Athens

M.A. in Law, Universite de Paris I- Pantheon Sorbonne

Ph.D. in Law, Universite de Paris I

**Margarita Katsimi**

BA in Economics, National and Kapodistrian University of Athens  
MA in Economics, Birkbeck College, University of London  
Ph.D. in Economics, Birkbeck College, University of London

**Phoebe Koundouri**

BA in Economics, University of Leicester  
MPhil in Economics, University of Cambridge  
Ph.D. in Economics, University of Cambridge

**Chrysovallantou Milliou (appointment pending)**

BA in International and European Studies, University of Macedonia  
MA in Economics, Tufts University  
Ph.D. in Economics, European University Institute

**Thomas Moutos**

BA in Economics, National and Kapodistrian University of Athens  
MA in Economics, McMaster University  
Ph.D. in Economics, McMaster University

**Georgios Pagoulatos**

BA in Law, National and Kapodistrian University of Athens  
MSc in Sociology, University of Oxford  
DPhil in Politics, University of Oxford

**Asterios Pliakos**

BA in Law, Aristotle University of Thessaloniki  
LLM in European Law, Nancy II  
Ph.D. in Law, Strasbourg III

**Spyros Skouras**

BA in Economics, University of Cambridge  
M.Sc. in Economics, Universitat Pompeu Fabra  
M.A. in Economics, University of Cambridge  
Ph.D. in Economics, European University Institute

**Nikolaos Topaloglou**

BA in Electrical and Computer Engineering, Technical University of Crete  
MSc in Decision Aiding, Dauphine University  
MA in Decision Science, Athens University of Economics and Business  
Ph.D. in Finance, University of Cyprus

**Panagiotis Tsakoglou**

BA in Economics, Aristotle University of Thessaloniki  
M.A. in Economics, University of Warwick  
Ph.D. in Economics, University of Warwick

**Spyros Vasilakis**

BA in Economics, National and Kapodistrian University of Athens  
MSc in Economics, Johns Hopkins University  
Ph.D. in Economics, Johns Hopkins University

**Anastasios Xepapadeas**

BA in Economics, National and Kapodistrian University of Athens  
MA in Economics, University of Manchester  
Ph.D. in Economics, University of Manchester

**George Zanias**

BA: Department of Economics, Athens University of Economics and Business  
M.Sc. in Agricultural Economics, University of Reading  
Ph.D./D.Phil. in Economics, Oxford University

**ASSOCIATE PROFESSORS****Spyros Blavoukos**

BA in International and European Economic Studies, Athens University of Economics and Business  
MA in European Integration, University of Essex  
Ph.D. in Government, University of Essex

**ASSISTANT PROFESSORS****Pantelis Kammias**

BA in Economics, Aristotle University of Thessaloniki  
MSc in Economics, Athens University of Economics and Business  
Ph.D. in Economics, Athens University of Economics and Business

**Panagiotis Konstantinou**

BA in Economics, National and Kapodistrian University of Athens  
MA in Economics, European University Institute  
Ph.D. in Economics, European University Institute

**Lampros Pechlivanos**

BA in Economics, Aristotle University of Thessaloniki  
MA in Political Economy, Boston University  
Ph.D. in Economics, Boston University

**Costas Roumanias**

BA in Economics, National and Kapodistrian University of Athens  
M.Phil in Economics, University of Oxford  
D.Phil in Economics, University of Oxford

**Evgenia Vella (appointment pending)**

BA in International and European Economic Studies, Athens University of Economics and Business  
MSc in International and European Economics, Athens University of Economics and Business  
Ph.D in Economics, Athens University of Economics and Business

## **PROFESSOR EMERITUS**

### **Nikolaos Christodoulakis**

BA, National Technical University of Athens (NTUA)  
MPhil, University of Cambridge  
Ph.D, University of Cambridge

## **A.7. External Scientific Associates**

### **Georgios Anagnostaras**

LLB, Faculty of Law, Aristotle University of Thessaloniki  
LLM in European Legal Studies, University of Bristol, UK  
Ph.D. in Law, University of Bristol, UK

### **Pantelis Vogiatzis**

B.Eng. (Hons) in Environmental Engineering, School of Engineering, University of Salford, UK  
MSc. in Law & Environmental Science, School of Law, University of Nottingham, UK  
MSc. & DEA in International Environmental Treaties, International University of Andalusia, Spain  
Ph.D. in EU Environmental Law, School of Law, University of Newcastle upon Tyne, UK

### **George Ioannou**

Eng. Diploma in Mechanical Engineering, National Technical University, Athens  
M.Sc./D.I.C. in Industrial Robotics and Manufacturing Automation, Imperial College of Science, Technology and Medicine, London, UK  
Ph.D. in Mechanical Engineering, University of Maryland, College Park, MD

### **Christos Karydas**

Dipl.Sc. Applied Mathematics and Natural Sciences, National Technical University of Athens (NTUA)  
M.Sc. Energy Science and Technology, Swiss Federal Institute of Technology (ETH Zurich)  
Ph.D. in Economics, Swiss Federal Institute of Technology (ETH Zurich)

### **Andreas Papandreou**

B.Sc. in Economics, Queen Mary College, University of London  
M.Sc. in Economics, London School of Economics  
D. Phil. Merton College, Oxford University

### **Glykeria Sioutis**

BA in Law, Faculty of Law, National and Kapodistrian University of Athens  
DEA Droit Public, University Paris 2- Sorbonne  
Ph.d. in Law, National and Kapodistrian University of Athens

### **George Halkos**

BA in Economics, University of Piraeus  
MSc in Project Analysis, Finance and Investment, University of York, UK  
Ph.D. in Environmental Economics, University of York, UK

### **Nikolaos Chatzistamoulou**

Ph.D. in Economics, Department of Economics, University of Patras

MSc. in Economics, Department of Economics, Athens University of Economics and Business

BSc in Economics, Department of Economics, University of Patras

## **A.8. STUDIES IN THE MASTER'S PROGRAMME**

The Master's Programme is intensive and fulfills the provisions set out in the 13-8-2007 Ministerial Decree with regard to the implementation of the European Credit Transfer and Accumulation System.

The Programme offers:

- a **full-time programme** with studies lasting 12 months (three semesters of studies)
- a **part-time programme** with studies lasting 24 months (six semesters of studies)

The Master's Programme in International and European Economic Studies corresponds to a total of 75 credits in the European Credit Transfer and Accumulation System (ECTS). The Programme consists of 10 courses, all of which carry an equal number of ECTS credits, as well as the writing of a Master's dissertation along with attendance at a seminar on preparing the dissertation. Each of the 10 courses corresponds to 5 ECTS credits while the Master's dissertation in combination with the seminar is equivalent to 25 ECTS credits. The Programme also includes preparatory courses which are offered each year in September.

Each trimester students follow the compulsory courses for that trimester, and choose elective courses from those offered that trimester. During their overall course of studies, students must pass examinations in five compulsory courses and five elective courses.

## **A.9. The curriculum (with ECTS credits)**

The curriculum of courses that are taught and examined is divided into compulsory and elective courses. The following overall rules apply:

- Modification of the curriculum and redistribution of courses between semesters can be effected through decisions of the authorized bodies, in accordance with the Postgraduate Studies Regulations.
- The curriculum is offered both as a full-time programme and as a part-time programme. The redistribution of courses in the part-time programme is decided upon by the authorized bodies and will be included in the Postgraduate Studies Regulations of the Master's Programme.
- The duration of the full-time programme is 12 months, which includes two semesters of course studies and the time to write the Master's dissertation. The duration of the part-time programme exceeds that of the full-time programme by two semesters of course studies. The semesters of study are defined by law.



- The teaching and the examination of the courses in the Master's Programme, as well as the writing of the Master's dissertation, can be conducted in either the Greek or the English language, while the bibliography and relevant articles will be drawn from both Greek and international sources.

#### **A.10. Compulsory Courses**

1. Economic analysis for business decisions (5 ECTS)
2. Energy Law (5 ECTS)
3. Energy Economics (5 ECTS)
4. Legal aspects of Competition and Market Regulation (5 ECTS)
5. Project Appraisal in Infrastructure and Energy and Risk Management (5 ECTS)
6. Regulatory Compliance (5 ECTS)

#### **A.11. Elective Courses**

1. International Law (5 ECTS)
2. Environmental Law (5 ECTS)
3. Environmental and Natural Resource Economics (5 ECTS)
4. Sustainable Development and Limited Carbon Economies
5. Structure and Functioning of the European and Global Economy (5 ECTS)
6. The Legal Aspects of the Energy Union and Climate Action
7. International Investment and Trade Disputes Settlement
8. Special Topics on Energy Policy
9. Modeling Energy, Environment and Economy
10. Design and Regulation of Energy Markets

#### **A.12. Master's Dissertation**

- The master's dissertation is mandatory and is prepared individually or by pairs of two students, under the supervision of a member of the teaching faculty of the Department. It corresponds to 15 ECTS credits and, in combination with the dissertation seminar (which corresponds to 10 ECTS credits), is equivalent to 25 ECTS credits.
- The master's dissertation must meet accepted postgraduate standards in terms of length and quality. This means that, through the dissertation, the student is expected to demonstrate thorough knowledge and competence in the relevant scientific field. For this reason, the dissertation must include (to some extent) an element of theoretical and/or empirical originality, in the form of collection and/or processing of data and/or development of a theoretical model, based on the courses taught in the Programme.

- The master's dissertation is written by students in the full-time programme during the summer months of their year of study, and by students in the part-time programme during the summer months of their second year of study. The dissertation must be submitted by the beginning of September by students in the full-time programme, and by the beginning of September of their second year by students in the part-time programme. A student who fails to complete the dissertation within the abovementioned time limits is entitled to an extension of six months, following a recommendation by the faculty Supervisor presenting the reasons justifying such an extension, in order to graduate within the prescribed timeframe for completing studies in the Programme.

### **Content, format and length of the Master's dissertation**

- The Master's dissertation is to be written in either Greek or English. If the dissertation is written in Greek, the title must be translated into English and submitted to the Secretariat of the Programme.
- The total length of the dissertation should be at least 15,000 words and not more than 35,000 words, not including the Bibliography and any relevant tables, unless the faculty Supervisor has approved a change in the minimum or maximum word limit.
- The recommended font is Times New Roman 12 and the recommended line spacing is 1.5.
- The structure of the dissertation is the following:
  - a) The first page (title page) includes the information below:
    - Athens University of Economics and Business
    - School of Economic Sciences
    - Department of International and European Economic Studies
    - The title of the Master's dissertation
    - The student's full name
    - The phrase: "*A Master's dissertation submitted in partial fulfillment of the requirements for the Master's Degree*"
    - The date of submission
  - b) The second page contains the names of the faculty Supervisor and the faculty Examiners, as well as the sentence: "*I, (student's name), hereby declare that the work prepared and presented in this submitted Master's dissertation is exclusively mine. Any information and material contained in and drawn from other sources has been appropriately cited and referenced in this dissertation. In addition, I am aware that if it is found that what I have declared here is not correct, my degree can be revoked immediately at any time.*"
  - c) The third page contains the table of contents.

d) The fourth page contains a summary of the Master's dissertation (up to 200 words). The Summary must be provided in both Greek and English and very briefly presents an overview of the work (main objectives, research methodology, key findings).

e) Next comes the body of the dissertation, which should have the following indicative general structure:

- **Chapter 1 - Introduction**  
The Introduction includes a delineation of the topic and clarification of the research question(s), a brief presentation of the research methodology and material, along with an outline of the structure of the dissertation and the main findings.
- **Chapter 2: Literature review**  
The review of the literature (indicative length: 5-10 pages) is directly linked to the dissertation topic. It is usually the first section that the student prepares, given that it helps to clarify the research framework and define the objectives of the work.
- **Chapter 3: Theoretical/analytical framework and research methodology**  
This chapter provides a deeper theoretical and/or analytical background of the work, along with the research methodology.
- **Chapter 4: Empirical data** (can be expanded into additional chapters)  
The chapter on empirical data includes presentation of the specific elements of quantitative and/or qualitative analysis used in the particular dissertation (for example, analysis of quantitative data and econometric analysis, or analysis of legal and other texts, or case studies, or comparative research, and so forth).
- **Chapter 5: Analysis – Discussion**
- **Chapter 6: Conclusions**  
The Conclusions (1-2 pages) summarize the main findings of the work.

Clearly the above structure is indicative; it should be adapted to fit the specific characteristics of the particular area of study and research topic, in **direct consultation with the faculty Supervisor**.

f) Appendices (if any)

g) The last section is the Bibliography, which should follow the specifications of one of the internationally accepted styles for academic work, such as the Harvard style or the APA style. The final version of the bibliography (list of references) incorporates all

of the sources of information which have been used in developing the topic and which have been cited in the dissertation.

### **Presentation, examination and grading of Master's dissertations**

- The dissertation is graded by a three-member Examining Committee (which is composed of the faculty Supervisor and two faculty Examiners) before whom the student is obligated to defend the dissertation. The presentation and defense of the dissertation lasts for 20-30 minutes. The student is required to have prepared a small number of slides with bullet points/keywords upon which the oral presentation will be based. Questions from the Examining Committee can be posed either during the presentation or afterwards.
- The dissertation must be given to the faculty Supervisor for final remarks and comments at least 20 days before the final submission date. In this version all the previous remarks and comments of the Supervisor need to have been addressed. Only after final approval is given will it be possible to submit the work and only within the deadline set by the Secretariat. An extension of a small number of days will be given only for proven reasons of force majeure (such as health).
- Once the faculty Supervisor approves the final draft of the dissertation, the work is submitted to be checked by the Turnitin plagiarism detection service. Depending on the result of the check, the student either makes further corrections or proceeds with final submission of the work to the Examiners (in electronic form, after consultation with the faculty Supervisor).
- Following the final submission of the dissertation to the Examining Committee, the student consults with the three-member Committee in order to determine the day and time for the presentation and defense of the dissertation before the Committee.
- The evaluation of the dissertation is based on strict scientific criteria with regard to its originality, depth and analysis, composition and quality. Following the defense, an evaluation report is prepared which is signed by the Examining Committee. In order for the grade for the dissertation to be awarded, the evaluation report is submitted by the faculty Supervisor to the Secretariat of the Master's and Doctoral Studies of the School of Economic Sciences.
- If the student does not receive a passing grade on the dissertation, the student can be re-examined one additional time, not earlier than three months nor later than six months after the original examination. If the student does not receive a passing grade on the dissertation from the second examination, the relevant provisions of the law and the Studies Regulations are applied.
- After the dissertation is awarded a grade, the student electronically submits it to the Institutional Repository "PYXIDA" (<http://www.pyxida.aueb.gr/index.php?lang=en>)

of the University Library, using the self-archiving process. This electronic deposit of the dissertation is a prerequisite to being awarded the Master's degree.

## **BASIC PRINCIPLES**

- Throughout the preparation of the dissertation, the student should maintain contact with the faculty Supervisor and follow the Supervisor's suggestions and directions.
- Files sent by the student should include the student's name and the title of the dissertation in the name of the file. Do not use general file names such as "Dissertation" or "Dissertation final".
- Prior to submitting any files, the files should first be carefully checked for spelling, syntax and typing mistakes. Files containing mistakes will be returned to the student – without comments – for correction.
- Students must attend the seminars regarding preparation of the Master's dissertation that are organized by the Programme and the dissertation supervisors. It is also recommended that students follow the relevant educational seminars that are organized by the University Library. Follow the link below for more information: <https://www.aueb.gr/el/lib/content/v-enotita-ekpaideytikon-seminarion-vivliothikis>
- The student must cite every source of information that was used in writing the dissertation and bears full responsibility if the dissertation is checked and found to contain extensive copying through any method, whether before or after the completion of the dissertation (**plagiarism**).

### **A.13. Distribution of Courses by Trimester\***

\*By decision of the Departmental General Assembly and approval of the University Senate, classes can be added to or removed from the detailed programme of studies.

Courses can be redistributed between semesters by decision of the Coordinating Committee of the Master's Programme.

### **A.14. The Erasmus Programme**

The "Lifelong Learning Programme" – ERASMUS offers undergraduate and graduate students the opportunity to study for a period in universities of the European Union that have a bilateral agreement with our Department that includes the equivalent level of studies (undergraduate, postgraduate or doctoral). For details regarding the process of student mobility, you can visit the Athens University of Economics and Business web page <https://www.aueb.gr/en/erasmus>.

In order to obtain recognition for a course which a student passed at another university within the framework of the ERASMUS Programme, the total number of ECTS credits and the grade that the student received at the university where the class was taught are transferred. The grade is included in the calculation of the student's overall grade point average for the degree.

Students are selected for the Erasmus+ Programme based on the following criteria:

- The student's grade point average on the date of application for the programme
- The total number of courses which the student has passed
- The total number of first-year courses which the student has passed
- The type of courses which the student has passed in relation to the curriculum of the host university
- The student's level of knowledge of the language of instruction of the host university
- The priority ranking which the student declares for the host university
- A personal interview

#### **A.15. Final examinations**

The final evaluation in each course is conducted through written examinations and/or assignments. By decision of the Departmental General Assembly and then by recommendation of the Coordinating Committee, the final evaluation can alternatively be conducted through oral examinations.

#### **A.16. Regulations regarding exams and assessment/grading**

1. The composition of the final grade for each course is determined by the course instructor(s) and can include individual or team assignments. Participation in the examinations on the designated date announced by the Programme is compulsory.
2. The grading scale ranges from zero (0) to ten (10), in increments of half or whole units. A grade of 5 and above is deemed to be a passing grade.
3. A student who fails to appear for the exam in a given course on the specified date, without excuse, loses that examination period, is considered to have failed the given course, and must appear for the re-take exam for that course. The re-take exams for each trimester are held approximately ten days after the regular exams for each trimester. The maximum grade that can be received on re-take exams is seven (7).
4. Class attendance is compulsory. A student whose absences exceed 1/3 of the teaching hours in a given course is considered to have failed the course and must repeat it the very next time that it is offered.

#### **A.18. Scholarships and Awards**

##### **TUITION FEES**

The tuition fees for attending the Master's Programme are set at 4,200 euros and are paid in installments over the course of the Programme (full-time and part-time). The students who are entitled to an exemption from tuition fees are defined by the relevant Greek law.

## **SCHOLARSHIPS**

### **→ Scholarships granted by the Department of International and European Economic Studies**

The Master's Programme can award scholarships or excellence awards to postgraduate students who excel during the course of their studies, based on academic criteria, in accordance with a decision taken by the Departmental General Assembly.

### **→ Scholarships for Academic Excellence sponsored by HELLENIC PETROLEUM SA**

HELLENIC PETROLEUM SA, within the framework of its actions to support and train the younger generation, as well as to support the educational and academic community, collaborates with the Master's Programme in Law and Economics in Energy Markets and sponsors scholarships for Academic Excellence that are awarded to two students in the Master's Programme, in the amount of 2,100 euros each.

### **→ Scholarships for Academic Excellence sponsored by ATTIKI NATURAL GAS DISTRIBUTION COMPANY SA**

ATTIKI NATURAL GAS DISTRIBUTION COMPANY SA, within the framework of its Corporate Social Responsibility activities, collaborates with the Master's Programme in Law and Economics in Energy Markets and sponsors scholarships for Academic Excellence awarded to students in the Programme. The total amount awarded annually is 8,400 euros, which can be distributed as two or more scholarships.

## **A.19. Awarding the Master's Degree and the Grade for the Degree**

1. Postgraduate students complete their studies and are awarded the Master's Degree when they have fulfilled all the requirements of the Programme, which are successful examination in the courses of the Programme, approval of the dissertation and payment of tuition fees.
2. The final grade for the MSc degree is the average of the grade for the graduate courses and the grade for the dissertation.
3. The grade awarded to the Master's degree (MSc) certifies the successful completion of the postgraduate student's studies. The MSc degree which the student is awarded carries the designation of Good, Very Good, or Excellent which correspond to: a) "Excellent" from 8.51 to 10; b) "Very Good" from 6.51 to 8.50; and c) "Good" from 5 to 6.50.
4. The diploma for the Master's degree is a public document. The type, the format, the contents as well as the authorized signatories are determined by decision of the University Senate.
5. The Master's degree is awarded at a special public ceremony which is attended by the Rector or his/her legal alternate, the Dean of the School, the Director of the Master's Programme, the President of the Department, and all of the postgraduate students who have fulfilled the requirements for the awarding of the Master's degree.

6. During the time period preceding the awarding of the degree, the Secretariat of the Master's Programme issues a certificate of completion of studies which indicates the date of graduation.

## B. Description of Individual Courses

<b>Course title</b>	<b>Energy Economics</b>
<b>Course code</b>	m42103s
<b>Type of course</b>	Compulsory
<b>Level of course</b>	Postgraduate
<b>Semester/trimester</b>	Winter Semester
<b>Number of credits allocated</b>	5
<b>Name of lecturer</b>	Christos Karydas, Dr.
<b>Objective of the course (preferably expressed in terms of learning outcomes and competences)</b>	Students will learn fundamental economic concepts and their application to energy markets. After successful completion of the course, with the help of, both, economic theory and applied methods, students will be able to discuss in an educated manner issues relevant to energy industries, economic effects of energy policy, and the role of energy industry in shaping our sustainable development.
<b>Prerequisites</b>	Basic calculus (school calculus), basic MS Excel, English level B2-C1
<b>Course contents</b>	This course applies fundamental economic concepts on energy issues using practical tools from theory and empirical analysis. The following concepts will be covered: energy supply/demand, energy economic modelling using MS Excel, energy markets (fossil fuels, electricity and renewable energy sources), market failures and environmental challenges, technical progress and sustainable development, market-based and non-market-based energy policy instruments, and regulation of energy industries.
<b>Recommended reading</b>	Pindyck and Rubinfeld, "Microeconomics", 8 <sup>th</sup> or 9 <sup>th</sup> ed.
<b>Teaching methods</b>	Weekly lecture, graded exercise sets
<b>Assessment methods</b>	Netting written exam with exercise sets
<b>Language of instruction</b>	Greek/ English



<b>Course title</b>	<b>Energy Law</b>
<b>Course code</b>	m42102s
<b>Type of course</b>	Compulsory
<b>Level of course</b>	Postgraduate
<b>Semester/trimester</b>	Winter Semester
<b>Number of credits allocated</b>	5
<b>Name of lecturer</b>	Professor Asterios Pliakos
<b>Objective of the course (preferably expressed in terms of learning outcomes and competences)</b>	The aim of the course is to look into the study of the basic principles which guide the establishment of the internal market of energy, the role of the Member States as regards the protection of the general economic interest, the place of the consumers in the market, the institutions controlling the market and the judicial protection of the parties involved in the market.
<b>Course contents</b>	<ol style="list-style-type: none"> <li>1. Energy and the constitutional framework of the European Union</li> <li>2. The application of the EU Treaties: atomic energy, internal market and energy union.</li> <li>3. The liberalization of the energy market. EU directives and the law 4001/2011.</li> <li>4. EU Directive 2019/944: the reformation of the energy market and the National plan for energy and climate</li> <li>5. The Institutions</li> <li>6. The judicial protection</li> </ol>
<b>Recommended reading</b>	<ol style="list-style-type: none"> <li>1. Ek. Iliadou, Energy law, 2021 (in Greek)</li> <li>2. A. Pliakos, EU law, 2018 (in Greek)</li> <li>3. Th. Fortsakis/N. Farantouris, Energy Law, 2016 (in Greek).</li> <li>4. Hunter/Herrera/Crossley/Alvarez (ed.), Routledge Handbook of Energy Law, 2020.</li> <li>5. K. Talus, Introduction to the EU Energy Law, 2016.</li> <li>6. Journal "Energy and Law" (in Greek).</li> </ol>
<b>Teaching methods</b>	Overview and analysis of the current EU legal framework and policy. Assessment and approach of case studies in the energy sector.
<b>Assessment methods</b>	Written/oral examination-written assignments.
<b>Language of instruction</b>	Greek/English

Course title	<b>Environmental and Resource Economics</b>
Course code	m42211s
Type of course	Elective
Level of course	Postgraduate
Semester/trimester	Winter Semester
Number of credits allocated	5
Name of lecturer	Andreas Papandreou, Professor / Phoebe Koundouri, Professor
Objective of the course	Understanding of: (a) the economic causes of environmental degradation relating to market imperfections like externalities, public goods, institutional weaknesses (b) benefit cost analysis and valuation techniques that are used to better determine the efficient management of environmental and natural resources (c) the alternative policies needed to improve the management and protection of the environment and its natural resources.
Prerequisites	Introductory economics
Course contents	This course provides a general introduction to the economics and management of natural resources and the environment. The emphasis is on the underlying theory and methodology with references to current challenges like climate change and the global fisheries crisis. The course provides an introduction to the principles of environmental and natural resource economics including cost benefit analysis. The course introduces the theory of renewable and depletable resources and looks into the principles of designing environmental policy with specific reference to atmospheric pollution, water pollution and climate change.
Recommended reading	<ol style="list-style-type: none"> <li>1. Tietenberg, T. &amp; Lewis, Lynne. (2010) <i>Economics of the environment and natural resources</i>, Εκδόσεις Gutenberg</li> <li>2. Koundouri, P. (editor) <i>The Ocean of Tomorrow: Socio-economic Methodology and Empirical Applications for Multi-Use Offshore Platforms Investments Volume II</i>. Springer Publishing. Forthcoming 2019.</li> <li>3. Koundouri, P. (editor), 2017. <i>The Ocean of Tomorrow, Investment Assessment of Multi-Use Offshore Platforms: Methodology and Applications - Volume 1</i>. Springer International Publishing.</li> </ol>
Teaching methods	Lectures and discussion
Assessment methods	Written exams including multiple choice questions
Language of instruction	Greek

<b>Course title</b>	<b>International Law</b>
<b>Course code</b>	m43217s
<b>Type of course</b>	Elective
<b>Level of course</b>	Postgraduate
<b>Semester/trimester</b>	Winter Semester
<b>Number of credits allocated (based on the student workload required to achieve the objectives or learning outcomes)</b>	5
<b>Name of lecturer</b>	Professor Asterios Pliakos – Dr. Georgios Anagnostaras
<b>Objective of the course (preferably expressed in terms of learning outcomes and competences)</b>	The aim of the course is to look into the study of the sources and the rules of International Law, to demonstrate the specificities of this area of law and its hierarchical relationship with the national legal orders and national law, to explain the meaning and the operation of the International Organizations by studying the most important of them, to explain the functioning and the importance of the international judicial bodies. Particular emphasis is given to the International Law of the Sea and to the International Energy Law.
<b>Prerequisites</b>	
<b>Course contents</b>	Subjects of International Law, sources of International Law, jus cogens, hierarchical position of International Law, International Custom, International Treaties, the State (elements, territorial sovereignty, territorial integrity, acquisition of land, succession of States), the International Court of Justice, international responsibility of the State, diplomatic protection, International Law of the Sea (territorial waters, continental shelf, exclusive economic zone), diplomatic and consular relations, International Energy Law.
<b>Recommended reading</b>	<ol style="list-style-type: none"> <li>1. Roukounas, Public International Law, (3rd edition, Nomiki Vivliothiki 2015) (in Greek)</li> <li>2. Chatzikonstantiniu/Apostolidis/Sarigiannidis, Fundamental Concepts in Public International Law, (2nd edition, Sakkoulas 2014) (in Greek)</li> <li>3. Antonopoulos/Magliveras (eds.), The Law of the International Community, (3rd edition, Nomiki Vivliothiki 2017) (in Greek)</li> <li>4. Crawford J., Brownlie's Principles of Public International Law (9th edition, Oxford University Press 2019)</li> <li>5. Shaw M., International Law (8th edition, Cambridge University Press 2018)</li> <li>6. Evans M. (eds.), International Law (5th edition, Oxford University Press 2018)</li> </ol>

7. Decaux E., De Frouville O., Droit International Public (11e édition, Dalloz 2018)
8. Blin O., Droit International Public Général (2e édition, Bruylant 2019)
9. Dupuy P-M, Kerbrat Y., Droit International Public (14e édition, Dalloz 2018)

**Teaching methods**

Analysis and interpretation of the institutions, the sources and the rules of International Law. Study and analysis of the case law of the International Court of Justice. Examination of case studies.

**Assessment methods**

Written/Oral Examination – Written Assignments

**Language of instruction**

Greek

Course title	<b>Structure and Functioning of the European and Global Economic System</b>
Course code	m43213s
Type of course	Elective
Level of course	Postgraduate
Semester/trimester	Winter Semester
Number of credits allocated	5
Name of lecturer	Thomas Moutos, Professor
Objective of the course	<ul style="list-style-type: none"> <li>• Knowledge of the main trends regarding the evolution of the global economy and understanding of the factors affecting the changing structure of economic power across nations.</li> <li>• Understanding of the effects of international factor movements (capital and labour) and of regional economic integration. .</li> <li>• Understanding of the factors contributing to global economic imbalances (surpluses/deficits in the current account balances), and of the policies needed to correct them.</li> <li>• Understanding of the reasons behind the rise in the importance of Global Value Chains, and of their role in increasing economic interdependence.</li> </ul>
Prerequisites	Basic microeconomics and macroeconomics
Course contents	<ol style="list-style-type: none"> <li>1. The Long Run Evolution of the Global Economy</li> <li>2. Consequences of Regional Economic Integration for the Smooth Functioning of the Global Economy</li> <li>3. International Trade in Goods and International Factor Mobility -The Effects of Foreign Direct Investment and International Migration</li> <li>4. Global Economic Imbalances</li> <li>5. Multinational Corporations and Global Value Chains</li> </ol>
Recommended reading	<ul style="list-style-type: none"> <li>▪ Making Trade an Engine of Growth for All : The Case for Trade and for Policies to Facilitate Adjustment, Joint IMF, World Bank, World Trade Organization Report, 2017</li> <li>▪ Moving for Prosperity: Global Migration and Labor Markets, Policy Research Report, World Bank, 2018</li> <li>▪ Javorsek, M. and I. Camacho, Trade in Value Added: Concepts, Estimation and Analysis, Working Paper No 150, UN ESCAP, 2015</li> <li>▪ Rodrik, D., The Globalization Paradox, Norton, 2011</li> <li>▪ World Investment Report 2018, UNCTAD, 2018.</li> </ul>
Teaching methods	This course involves lectures and student projects which are presented and discussed in class.
Assessment methods	Written final exam and coursework
Language of instruction	Greek/English

Course title	<b>Legal Aspects of Competition and Market Regulation</b>
Course code	m42104s
Type of course	Compulsory
Level of course	Postgraduate
Semester/trimester	Winter Semester
Number of credits allocated	5
Name of lecturer	George Karydis, Associate Professor
Objective of the course	The aim of the course is to provide basic knowledge on the operation of the internal market and competition. It further seeks to understand the operation of regulated markets where competition and regulation complement each other to achieve the best outcome for the consumer. Topics such as SGI, access to networks, independent regulators are the subject of the course. The course aims to provide the appropriate tools for comprehending the operation of the regulated markets and is a necessary step for further specific interdisciplinary analysis of the energy markets.
Course contents	<ul style="list-style-type: none"> <li>• Internal Market: Articles 30, 34, 36, 110 TFEU, Competition: Article 101 TFEU, dominant position, concept and forms of abuse under Article 102 TFEU. Application of internal market and competition rules in the energy market.</li> <li>• Control of anti-competitive state measures.</li> <li>• State aid (Concept and control procedure) / Union state aid scheme in the energy market.</li> <li>• Liberalization and Regulation of the Energy Market: Scope of Liberalization - Licensing - Ensuring SGEI - Access to Networks - Responsibilities of the Energy Regulatory Authority)</li> </ul>
Recommended reading	<p>Bellamy C.W./Child G.D., European Community law of competition/edited by Peter Roth, Vivien Rose, Oxford University Press, 6th edition 2009.</p> <p>Whish R. and Bailey D, Competition law, Oxford University Press, 9th edition , 2018.</p> <p>Jones A. &amp; Suffrin B., EU Competition Law , Text, Cases and Materials, Oxford University Press , 7th edition, 2019</p> <p>Καρύδης Γ. , Ενωσιακό Δίκαιο Ανταγωνισμού και Εσωτερικής Αγοράς, Νομική Βιβλιοθήκη 2020.</p> <p>Μαρίνος Μ. , Κρατικοί περιορισμοί του ανταγωνισμού με κατάχρηση δεσπόζουσας θέσεως δημόσιας επιχειρήσεως ή επιχειρήσεως εξοπλισμένης με ειδικά ή αποκλειστικά δικαιώματα –Μια κριτική ανάλυση της κοινοτικής νομολογίας, ΝοΒ 2011, σελ. 1131.</p> <p>Καρύδης Γ. Κανονιστική Ρύθμιση τιμών και κανόνες του Ενωσιακού Δίκαιου περί θεμελιωδών ελευθεριών και ανταγωνισμού, ΕυΔικ. 2019 (2), σελ. 140-153.</p>
Teaching methods	Papers, practical issues, case studies, current issues
Assessment methods	Final Exam, working paper
Language of instruction	Greek

Course title	<b>Economic Analysis for Business Decisions</b>
Course code	m42101s
Type of course	Compulsory
Level of course	Postgraduate
Semester/trimester	Winter Semester
Number of credits allocated	5
Name of lecturer	George Economides, Professor
Objective of the course	The aim of the course is for students to understand how the microeconomic and macroeconomic environment affects business decisions.
Prerequisites	None
Course contents	<ol style="list-style-type: none"> <li>1. What is economics? What economists do.</li> <li>2. Micro-founded financial decisions: firms, households, and the role of the markets.</li> <li>3. The interaction of microeconomic and macroeconomic environment and implications for business decisions.</li> <li>4. Markets and Economic Policy.</li> <li>5. The macroeconomic environment of a firm.</li> </ol>
Recommended reading	<ul style="list-style-type: none"> <li>- Blanchard O., A. Amighini and F. Giavazzi (2017): Macroeconomics: a European Perspective. Prentice Hall.</li> <li>- Sloman J. and E. Jones (2019): Essential Economics for Business. Pearson Education Limited.</li> <li>- <u>Sloman J., D. Garratt Dean, J. Guest and E. Jones (2016): Economics for Business. Pearson Education Limited.</u></li> <li>- McAleese D. (2005): Οικονομική για Επιχειρησιακές Σπουδές. Εκδόσεις Τυπωθήτω.</li> <li>- European Commission publications</li> <li>- Lecture notes.</li> </ul>
Teaching methods	Teaching in the class with physical presence and the use of slides.
Assessment methods	Final exam (100%).
Language of instruction	Greek/English

Course title	<b>The Legal Aspects of the Energy Union and Climate Action</b>
Course code	m42214s
Type of course	Elective
Level of course	Postgraduate
Semester/trimester	Winter
Number of credits allocated	5
Name of lecturer	Professor Asterios Pliakos - Dr. Pantelis Vogiatzis
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The Energy Union means making energy more secure, affordable and sustainable. It will facilitate the free flow of energy across borders and a secure supply in the EU. It will lead to a sustainable, low carbon and environmentally friendly economy, putting Europe at the forefront of renewable energy production, clean energy technologies, and the fight against climate change. The Energy Union strategy builds further on the 2030 Framework for Climate and Energy, the European Energy Security Strategy, the EU Green Deal as well as the outcome of the Paris Agreement on Climate Change.
Prerequisites	
Course contents	<p>ENERGY UNION [P. Vogiatzis]</p> <ul style="list-style-type: none"> <li>• Energy Union: Strategy and fundamental principles</li> <li>• Energy security</li> <li>• Clean Energy for All Europeans package</li> <li>• Regulation on the governance of the energy union</li> </ul> <p>CLIMATE ACTION [A. Pliakos]</p> <ul style="list-style-type: none"> <li>• Combating climate change as an objective of EU environmental policy (relations with other policies and horizontal environmental clause).</li> <li>• International environmental agreements as a source of EU law: The Paris Agreement.</li> <li>• European Green Deal, European climate law and implementation measures.</li> <li>• Climate justice</li> </ul>
Recommended reading	<p>1.Ek. Iliadou, Energy Law, 2021 (in Greek).  2.Em. Doussis, International Law and the Diplomacy of Climate Change, 2020 (in Greek).  3. Ek. Sakkelaropoulou, Climate crisis and the role of Judge, “Law and Nature”, 2019 (in Greek).  4. Mastor/Dworkin/Landa/Duff, Energy justice and climate change, EnLJ 2018, 139.</p>



5. Sauer J., Klimaschutz global, europäisch, national-Was ist rechtlich verbindlich? NVwZ 2017, 1574.

Teaching methods

Overview and analysis of the current EU legal framework and policy. Assessment and approach of case studies in the energy sector.

Assessment methods

Written/Oral Examination.

Language of instruction

Greek/English

Course title	<b>Special Topics on Energy Policy</b>
Course code	m42216s
Type of course	Elective
Level of course	Postgraduate
Semester/trimester	Winter Semester
Number of credits allocated	5
Name of lecturer	Koundouri Phoebe, Professor/ Chatzistamoulou Nikolaos, Assistant Professor (under appointment)
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<ul style="list-style-type: none"> <li>• to understand the need for energy policy at national, European and global level and link changes to economic growth.</li> <li>• to describe the concept and content of sustainable development as outlined in the Sustainable Development Goals.</li> <li>• to describe the key points of the European Green Deal and its importance for achieving the objective of carbon neutrality.</li> <li>• to perform a basic efficiency analysis and comprehend how it is linked to policy-making.</li> <li>• to understand the development of Corporate Social Responsibility practices in light of Sustainable Development for business and society.</li> </ul>
Course contents	The course is developed in 8 Lectures: 1. The Economics of Sustainable Development, 2. European renewable energy policies and climate change, 3. Resource efficiency measures and european energy policy, 4. Data collection, literature review and performance analysis 5-6. Objectives Of Sustainable Development, The Green Recovery Fund and The New Green Agreement Worldwide, 7. Corporate Social Responsibility and Sustainable Development, 8. Sustainable Shipping and Ports.
Recommended reading	<ul style="list-style-type: none"> <li>• Chatzistamoulou, N., &amp; Koundouri, P. (2020). 1 The Economics of Sustainable Development. In <i>Designing an Innovative Pedagogy for Sustainable Development in Higher Education</i> (pp. 1-15). CRC Press.</li> <li>• Chatzistamoulou, N., &amp; Koundouri, P. (2020) SDGs Patterns Across The Globe: From Theory to Practice. In: Leal Filho W., Azul A., Brandli L., Lange Salvia A., Wall T. (eds) <i>Decent Work and Economic Growth. Encyclopedia of the UN Sustainable Development Goals</i>. Springer, Cham.</li> <li>• Chatzistamoulou, N., &amp; Koundouri, P. (2020). Exploring Feedback Loops between Performance Measures. Energy and Environmental Efficiency under heterogeneous Eco-Innovation groups. DEOS Working Papers No. 2012. Athens University of Economics and Business.</li> </ul>

Teaching methods	<ul style="list-style-type: none"> <li>• Koundouri, P., Manoussi, V., &amp; Papadaki, L. (2021). Introduction to the Oceans of Tomorrow: The Transition to Sustainability. In <i>The Ocean of Tomorrow</i> (pp. 1-24). Springer, Cham.</li> <li>• Koundouri, P., 2010. Water Resources Allocation: Policy and Socioeconomic Issues in Cyprus. Springer Publishing, Environment and Policy Series. ISBN: 978-90-481-9824-5</li> </ul> <p>Lectures and laboratory familiarization lectures with R-free software. Learning process support via online platforms such as MS Teams, Skype4Business, Eclass</p>
Assessment methods	Project & Final Exam
Language of instruction	Greek/English

Course title	<b>Environmental Law</b>
Course code	m42210s
Type of course	Elective
Level of course	Postgraduate
Semester/trimester	Winter Semester
Number of credits allocated	5
Name of lecturer	Glykeria Sioutis, Professor Asterios Pliakos, Professor
Objective of the course	The aim of the course is to look into the study of the EU and Hellenic Environmental Law, especially as regards the fundamental principles of environmental protection, the judicial protection, the role of the Aarhus Treaty and the constitutional nature of the environmental protection.
Course contents	<p>EU ENVIRONMENTAL LAW (A. PLIAKOS)</p> <ol style="list-style-type: none"> <li>1.The fundamental principles of EU Environmental law</li> <li>2.The precautionary principle and the principles that the preventive action should be taken, that the environmental damage should as a priority be rectified at the source and that the polluter should pay.</li> <li>3. Integration of the environmental protection into the EU policies, the EU Directives, the application of the EU Directives in Greece, the 8<sup>th</sup> environment action programme.</li> <li>4. Judicial protection, application and interpretation of Aarhus treaty.</li> </ol> <p>HELLENIC ENVIRONMENTAL LAW (G. SIOUTIS)</p> <ol style="list-style-type: none"> <li>1. The constitutional protection of the Environment: Legal analysis of Article 24 of the Greek Constitution, the legal issue of a constitutional <i>right</i> to the natural environment, the legal binding and the required actions of the State, access to the Courts and legal interest of individuals and legal entities, exploration of the legal meaning of the “Forest” and protection of Forestial ecosystems. Study of relevant jurisprudence.</li> <li>2. Basic principles of the environmental protection under EU and Greek law: The precautionary principle, the preventive principle and the polluter-pays principle. Study of relevant jurisprudence.</li> <li>3. Economic development and environmental protection: the conflict between the right to the environment and the right to economic freedom and to the free economic development. Sustainable development under international, EU and Greek law. Study of relevant jurisprudence.</li> <li>4. Zoning and urban planning and environmental authorization of all projects and activities. Zoning plans, environmental impact studies, approval of environmental conditions, strategic environmental impact studies, ratification of environmental conditions by law. Study of relevant jurisprudence.</li> </ol>

Recommended reading	<ol style="list-style-type: none"> <li>1. Glykeria Sioutis, Handbook of Environmental Law, 2018, Sakkoulas publications</li> <li>2. Legal magazine “Environment and Law”. Nomiki Vivliothiki publications</li> <li>3. Electronic legal magazine “Law and Nature”</li> <li>4. Maria Efpraxia - Ethra Maria, “The legal protection of Forests”, 1998, Ant. Sakkoulas publications</li> <li>5. Ekaterini Sakellaropoulou, “Environment and Development” at the “Law and Nature” electronic legal magazine.</li> <li>6. I. Karakostas, “Environment and Law”, Nomiki Vivliothiki publications, 2011.</li> <li>7. Koutoupa Regakou E., Environmental Law, 2009.</li> <li>8.L.Krämer, Droit de l’environnement de l’Union européenne, 2011</li> <li>9.D.Langlet/ S. Mahmoud, EU Environmental Law and Policy, 2016.</li> </ol> <p data-bbox="532 695 1487 758">*See “Environment and Law” legal magazine for more relevant articles and legal studies on all subjects of the course syllabus.</p>
Teaching methods	Analysis and interpretation of the current EU and Hellenic legal framework. Study and analysis of the EU and national law case law. Examination of case studies.
Assessment methods	Written/Oral Examination.
Language of instruction	Greek

Course title	<b>Regulatory Compliance</b>
Course code	m42106s
Type of course	Compulsory
Level of course	Postgraduate
Semester/trimester	Spring Semester
Number of credits allocated	5
Name of lecturer	Dr. Pantelis Vogiatzis
Objective of the course (preferably expressed in terms of learning outcomes and competences)	Companies in the energy sector can be subject to uncertainties, which may stem from exogenous factors or from internal actions. Often, uncertainty is synonymous with the definition of risk. By systematically monitoring uncertainty, it is possible to adopt appropriate organizational and technical measures in a timely manner to reduce risks and exploit opportunities. For this reason, the implementation of an effective compliance system is a key component of the management of a value-based company, as it supports its sustainable development.
Course contents	<ul style="list-style-type: none"> <li>• The notion of compliance with the energy regulatory framework</li> <li>• Compliance within the governance system</li> <li>• Data Protection (legislation and processes towards conformity)</li> <li>• The Compliance Programme</li> <li>• Code of Conduct and Business Ethics</li> <li>• Quality Management System</li> <li>• Technical and Organizational measures to ensure compliance</li> </ul>
Recommended reading	<ol style="list-style-type: none"> <li>1. Kotsalis L., Menoudakos K., General Data Protection Regulation (GDPR), 2<sup>nd</sup> edition 2021</li> <li>2. A. Iliadou, Energy Law, 2021.</li> <li>3. Oikonomou A., Compliance &amp; Ethics, 2017</li> </ol>
Teaching methods	Overview of the current regulatory and legal framework. Analysis of the best available techniques and methods. Assessment and approach of case studies in energy companies.
Assessment methods	Written/Oral Assessment
Language of instruction	Greek/English

Course title	<b>Project Appraisal in Infrastructure and Energy and Risk Management</b>
Course code	m42105s
Type of course	Compulsory
Level of course	Postgraduate
Semester/trimester	Spring Semester
Number of credits allocated	5
Name of lecturer	Anastasios Xepapadeas, Professor
Objective of the course	The course presents the methods of investment evaluation at the level of firm and national economy, as well as the ways of their application. After completing of the course students will be able to conduct financial, economic and social evaluation and as well risk analysis of investment programs in the real economy.
Course contents	The course includes: Basic concepts in investment appraisal; Identification and measurement of cash flows; Compound Interest, present and future value; Investment appraisal criteria; The cost of capital in project appraisal; Risk analysis (Sensitivity analysis, Monte Carlo simulations, Qualitative analysis); Project appraisal at the level of firm and national economy; Feasibility analysis; Financial analysis; Financial efficiency and sustainability; Economic analysis; Accounting prices and conversion factors; Social analysis. Lectures with 'PowerPoint presentations' and selective use of the literature according to the progress of the lectures
Recommended reading	<ul style="list-style-type: none"> <li>- <i>European Commission Guide to COST--BENEFIT ANALYSIS of investment projects</i>, European Commission, 2014-2020.</li> <li>- Stephen A. Ross, Randolph W Westerfield, Jeffrey Jaffe, <i>Corporate Finance</i>, Eighth Edition 2008, (selected chapters).</li> <li>- Brigham, E. and Houston J., <i>Fundamentals of Financial Management</i>, 10th edition, (selected chapters).</li> <li>- Brendt, R., <i>Applied Cost--Benefit Analysis</i>, 2nd Edition, 2006, (selected chaps).</li> <li>- Zerbe, R. and A. S. Bellas, <i>A Primer in Cost Benefit Analysis</i>, Edward Elgar, 2006, (selected chapters).</li> </ul>
Teaching methods	Lectures and essays
Assessment methods	Voluntary essay 25% of the final grade. Final exam 75% of the final grade.
Language of instruction	English

Course title	<b>International Investment and Trade Disputes Settlement</b>
Course code	m42215s
Type of course	Elective
Level of course	Postgraduate
Semester/trimester	Winter Semester
Number of credits allocated	5
Name of lecturer	Karydis Georgios, Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The aim of the course is to provide specialized training on the status of investment protection and the process of resolving relevant disputes. The students of the program become familiar with the study and analysis of specific cases and comprehend the way and the procedural framework for their solution. The knowledge they acquire is useful both for understanding the reconciliation and consultation processes and for the judicial mechanisms and enforcement measures of the relevant decisions.
Course contents	WTO legal framework - Dispute Resolution Mechanism - Dumping and subsidy control mechanisms. International framework for the protection of foreign investment (Bilateral and Multilateral Treaties, EU Agreements with non-member states) - Energy Charter Treaty (ECT) -CETA. Dispute settlement mechanisms between states and foreign investors - Arbitration systems - CETA hybrid mechanism for resolving investment disputes - Towards a Multilateral Investment Court System.
Recommended reading	A. Μπρεδήμας, Α.Γουργουρίνης , «Διεθνές Οικονομικό Δίκαιο , Το Δίκαιο του Παγκόσμιου Οργανισμού Εμπορίου», Νομική Βιβλιοθήκη 2015. Γ. Καρύδης, Διαιτητική Επίλυση Διεθνών Επενδυτικών Διαφορών και Ενωσιακή Έννομη Τάξη, Νομική Βιβλιοθήκη 2020. Π. Αργαλιάς , Υποχρεώσεις και δικαιώματα των συμβαλλομένων μερών στη συνθήκη του χάρτη ενέργειας, Εκδόσεις Digesta OnLine, Αθήνα, 2019 Α. Μεταξάς, Επενδυτική προστασία στο πλαίσιο της Συνθήκης για τον Χάρτη Ενέργειας, (Energy Charter Treaty), Ευρωπαϊκό Δίκαιο 2/2019 Κ. Στεφάνου-Χρ.Γκόρτσος, Διεθνές Οικονομικό Δίκαιο, Νομική Βιβλιοθήκη 2006. The European Union and International Dispute Settlement, M.Cremona, A.Thies, R.A.Wessel (eds), Oxford and Portland, Oregon 2017.
Teaching methods	Papers, case studies, current issues
Assessment methods	Final Exam, Working paper
Language of instruction	Greek



Course title	<b>Modeling Energy, Environment and Economy</b>
Course code	m42217s
Type of course	Elective
Level of course	Postgraduate
Semester/trimester	Spring Semester
Number of credits allocated	5
Name of lecturer	Professor George Halkos
Objective of the course (preferably expressed in terms of learning outcomes and competences)	Diagnosis of physiology of environmental problems. Understanding of appropriate energy policy for solving modern environmental problems. Adopt appropriate environmental policies and tools with awareness of both the dimensions of environmental problems and the necessary energy policy. Upon successful completion of the course, students are expected to have a proven knowledge and understanding of issues related to the economic operation of natural resources, the impact of economic activity on environmental resources, modeling the relationship between environment, economy and energy.
Course contents	The course analyzes quantitative and qualitative approaches to the modeling, management and utilization of natural resources and the environment in the private and public sectors, supporting arguments for solving environmental and economic problems. Models of partial and general equilibrium, production factor modeling, energy market and labor in dynamic models, issues of endogenous development and technological progress are examined. Special issues concern the construction and analysis of alternative scenarios of climate change and structural changes in the energy system, economy and environment.
Recommended reading	Selective use of bibliography / articles according to the progress of the lectures. Distribution of notes at the end of lectures.
Teaching methods	Lecture presentations (Power Points), solution of relevant exercises and discussion of case studies.
Assessment methods	The marking of the course is done either by examination (100%) or by examination (70%) and participation and preparation of an assignment (30%).
Language of instruction	Greek/English

Course title	<b>Sustainable Development and Limited Carbon Economies</b>
Course code	m42212s
Type of course	Elective
Level of course	Postgraduate
Semester/trimester	Spring Semester
Number of credits allocated	5
Name of lecturer	Phoebe Koundouri Professor
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<p>The course aims to understand and use methods for decision making and implementation in the field of sustainable (green and blue) technological and social solutions, as well as investments, which can be used to transition to a sustainable economy and society.</p> <p>More specifically: (1) in the application of the criteria of the "EU Taxonomy for Sustainable Investments (2019)" for the selection and financing of sustainable investments, (2) in the assessment of the value of natural resources and their ecosystem services, (3) in the integration this value in Cost-Benefit Analysis, (4) in creating financial instruments to finance sustainable investments, (5) in the transition from innovation to entrepreneurship, (6) in the "Systems Innovation Approach" methodology for co-shaping sustainable solutions / investment with all stakeholders involved.</p>
Prerequisites	Undergraduate degree in any natural or social science
Course contents	<ol style="list-style-type: none"> <li>1. Understanding and applying the criteria of "EU Taxonomy for Sustainable Investments (2019)" for the selection and financing of sustainable investments.</li> <li>2. Valuation of the value of natural resources and their ecosystem services. Total Economic Value (GVA), use and non-use values. State-of-the-art Quantitative Valuation Methods: Revealed Preferences in Substitute or Existing Markets, Declared Preferences and Hypothetical Markets, Selection Experiments. The methods will be presented using examples from real projects.</li> <li>3. Completion of this Total Economic Value in the Cost-Benefit Analysis (CBA) and presentation of all the stages of the Financial and Socio-economic CBA. The methods will be presented using examples from real projects.</li> <li>4. Detailed presence of financial instruments for financing sustainable investments and solutions: taxes, marketable emissions permits, green</li> </ol>

bonds, green loans, etc. The tools will be presented using real policy examples.

5. Presentation of strategies for the transition from innovation to entrepreneurship. Development of Business Plans for Start-ups. Strategies will be presented using examples from real start-ups.

6. Detailed presentation of the state-of-the-art methodology "Systems Innovation Approach" for the co-formation of sustainable solutions / investments with all stakeholders involved. The method will be presented using examples from real projects.

#### Recommended reading

Lecture presentations (Power Points) and selective use of bibliography / articles according to the progress of the lectures.

15. Secco, L., Koundouri, P., et al. 2020. Evaluation Manual. Innovative methods to assess social innovation and its impacts in marginalised rural areas. SIMRA Project, available at [www.simra-h2020.eu](http://www.simra-h2020.eu)

14. Koundouri, P. (editor) The Ocean of Tomorrow: The Transition to Sustainability – Volume 2. *Springer Publishing*, (2020). Available at <https://link.springer.com/book/10.1007/978-3-030-56847-4>.

13. Koundouri P. (editor) E-Elgar Encyclopedia of Water Policy, Economics and Management, 2020

12. Koundouri, P. (editor), 2017. The Ocean of Tomorrow, Investment Assessment of Multi-Use Offshore Platforms: Methodology and Applications - Volume 1. *Springer International Publishing*. eBook ISBN: 978-3-319-55772-4, Hardcover ISBN: 978-3-319-55770-0 (143 Pages) DOI: 10.1007/978-3-319-55772-4

<http://www.springer.com/gp/book/9783319557700>

11. Christensen, Erik Damgaard, Marian Stuiver, Raul Guanche, Flemming Møhlenberg, Jan-Joost Schouten, Ole Svenstrup Pedersen, Wei He, Barbara Zanuttigh, and Phoebe Koundouri, 2015. MERMAID Project End Users Book (2015), 'Go offshore: Combining food and energy production'. *DTU Mechanical Engineering, Technical University of Denmark*. ISBN: 978-87-7475-424-4 (44 Pages)

<http://www.mermaidproject.eu/sharepoint/func-startdown/414/>

10. Koundouri, P., and N. Papandreou (editors); M. Stithou (assistant editor), 2013. Water Resources Management Sustaining Socio-Economic Welfare: The Implementation of the European Water Framework Directive in Asopos River Basin in Greece. *Springer Publishing, Global Issues in Water*

*Policy, Series*. ISBN: 978-94-007-7635-7 (Print) 978-94-007-7636-4 (Online)  
(181 pages)

<http://link.springer.com/book/10.1007/978-94-007-7636-4>

9. Koundouri, P., 2010. 'Three Approaches to Measuring Natural Resource Scarcity: Theory and Application to Groundwater'. *Cambridge University Library* has digitised on demand my PhD Thesis. This also allowed depositing my thesis in DSpace@Cambridge, the University of Cambridge's institutional repository. PhD approved in 2000 but published by Cambridge Library electronically by popular demand.

([www.dspace.cam.ac.uk.DSpace@Cambridge](http://www.dspace.cam.ac.uk.DSpace@Cambridge)) and is available at:

[https://mpra.ub.uni-muenchen.de/38265/1/MPRA\\_paper\\_38265.pdf](https://mpra.ub.uni-muenchen.de/38265/1/MPRA_paper_38265.pdf)

8. Koundouri, P., 2010. Water Resources Allocation: Policy and Socioeconomic Issues in Cyprus. *Springer Publishing, Environment and Policy Series*. ISBN: 978-90-481-9824-5 (164 pages)

<http://dx.doi.org/10.1007/978-90-481-9825-2>

Electronic Version: <http://www.springer.com/978-90-481-9824-5>

7. Koundouri, P., 2009. 'The Use of Economic Valuation in Environmental Policy: Providing Research Support for the Implementation of EU Water Policy under AquaStress'. *Routledge, Taylor and Francis Group*. Series: *Routledge Explorations in Environmental Economics*. ISBN: 978-0-415-45323-3 (264 pages)

Also in December 2011 chosen by *Routledge, Taylor and Francis Group* to be published as *paperback*: ISBN: 978-0-4155-1691-4

<https://www.routledge.com/products/9780415516914>

6. Birol, E., and P. Koundouri, 2008. 'Choice Experiments Informing Environmental Policy: A European Perspective'. *Edward-Elgar Publishing, Wally Oates and Henk Folmer's 'New Horizons in Environmental Economics' Series*. ISBN: 9781845427252. ISBN: 978 1 84542 725 2, eISBN: 978 1 84844 125 5 (337pages)

<http://www.e-elgar.com/shop/choice-experiments-informing-environmental-policy>

Forwarded by Vic Adamowicz (the ‘father’ of Choice Experiments in the economic literature)

5. Koundouri, P., 2008. ‘Coping with Water Deficiency: From Research to Policy Making’. *Springer Environment and Policy Series*. Vol. 48, 2008, ISBN 978-1-4020-6614-6, , eBook ISBN 978-1-4020-6615-3 (243 pages)  
<http://www.springer.com/west/home/generic/search/results?SGWID=4-40109-22-173753639-0>

4. Koundouri, P., Karousakis, K., Assymakopoulos, D., Lagema, M., and Jeffrey, P., 2006. ‘Water Management in Arid and Semi-Arid Regions: Interdisciplinary Perspectives’. *Edward-Elgar Publishing*. ISBN: 1845424239. (288pages)  
<http://www.e-elgar.com/shop/water-management-in-arid-and-semi-arid-regions>

3. Koundouri, P., 2004. ‘Econometrics Informing Natural Resources Management: Selected Empirical Analyses’ *Edward-Elgar Publishing, Wally Oates and Henk Folmer's 'New Horizons in Environmental Economics' Series*. ISBN: 978 1 84376 922 4 (416 pages).  
[http://www.e-elgar.co.uk/bookentry\\_main.lasso?id=3497](http://www.e-elgar.co.uk/bookentry_main.lasso?id=3497)

2. Koundouri, P., Pashardes, P., Swanson, T., and Xepapadeas, A., 2003. ‘The Economics of Water Management in Developing Countries: Problems, Principles and Policies’. *Edward-Elgar Publishing, Cheltenham, U.K.* ISBN: 978 1 84376 122 8, eISBN: 978 1 78195 051 7 (296 pages)  
[http://www.e-elgar.co.uk/bookentry\\_main.lasso?id=2846](http://www.e-elgar.co.uk/bookentry_main.lasso?id=2846)

Teaching methods

The course will use real examples of design, financing and implementation of solutions / investments from (1) United Nations Sustainable Development Solutions Network (<https://www.unsdsn.org/>), (2) EIT Climate KIC (<https://www.climate-kic.org/>), in which the teacher has a leading role. Students will have the opportunity to participate in initiatives, events (due to covid-19 e-events) and webinars of the above networks.

Assessment methods

The grading of the course will be done either by examination (100%) or by examination (70%) and participation and preparation of empirical application (30%).

Language of instruction

Greek

<b>Course title</b>	<b>Design and Regulation of Energy Markets</b>
<b>Course code</b>	m42218s
<b>Type of course</b>	Elective
<b>Level of course</b>	Postgraduate
<b>Semester/trimester</b>	Winter Semester
<b>Number of credits allocated</b>	5
<b>Name of lecturer</b>	George Ioannou
<b>Objective of the course (preferably expressed in terms of learning outcomes and competences)</b>	Students become familiar with the economic characteristics of the Energy Sector and they will study its economic foundations. They will be able to raise the common problems in the regulation and market design of energy, and recognize the problems of enterprises decisions within the sector.
<b>Course contents</b>	1. Power Sector Economics 2. Regulation of Power Sector 3. Competition in Power Sector 4. Design of Power Markets 5. The European Market Coupling in Electricity 6. Market Operator: Market Processes 7. Settlement and Clearing of Electricity 8. Transmission and System Operation
<b>Recommended reading</b>	Biggar, D. and M.R. Hesamzadeh (2017), <i>The Economics of Electricity Markets</i> , IEEE Press Wilson, R. (2002), "Architecture of Energy Markets", <i>Econometrica</i> , 70: 1299-1340 Crampton, P. (2017), "Electricity Market Design", <i>Oxford Review of Economic Policy</i> , 33: 589-612
<b>Teaching methods</b>	Lectures, Student Presentations
<b>Assessment methods</b>	Final Exam, Written essays
<b>Language of instruction</b>	Greek/English

## **PART THREE: GENERAL INFORMATION FOR STUDENTS**

### **GENERAL INFORMATION FOR STUDENTS**

Athens University of Economics and Business is committed to providing not only high-quality education but also high-quality student services. Greek law defines the operation, organization and administration of University Student Clubs, which aim at improving the living conditions of the students and enhancing their social and intellectual growth through initiatives to promote participation and socialization.

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

#### **Meals**

In the main building of the University there is a refectory 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 (contact the AUEB Student Club for more information).

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

Undergraduate, postgraduate and PhD students of 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. Moreover there is a doctor whose office is located in the main building of the University and who offers services at certain specified times. In addition, the University offers mental health counseling, which is provided by a physician specialized in the treatment of mental health issues. More information can be found here <https://www.aueb.gr/en/content/health-care> .

#### **Services/Facilities for 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 at <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 postgraduate 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 Reading Rooms**

The AUEB Library is the oldest economic academic library in Greece. Today the Library & Information Center, located on the first and second floors of the University's main building, serves the needs of all of the members of the University community. It is a member of the Hellenic Academic Libraries Association (Heal-LINK) and the Economic Libraries Cooperation Network.

In addition, three Documentation Centers operate within the Library:

- The European Documentation Center, which has been in operation since 1992,
- The Organization for Economic Cooperation and Development (OECD) Documentation Center, operating since 1997, and
- The Delegation Center of the World Tourism Organization (UNWTO), which has been hosting publications since 2004.

The Library & Information Center contributes substantially both to meeting the academic community's needs for scientific information and to supporting the educational and research needs of students, by providing access to the Library's:

- Printed collection of books and scientific journals
- Textbooks used in classes
- Collection of electronic scientific journals
- Collection of e-books
- Postgraduate dissertations that are produced at Athens University of Economics and Business and deposited in digital form in the PYXIDA institutional repository
- Sectoral studies
- Statistical series by national and international organizations
- Audiovisual material
- Reference material (encyclopedias, dictionaries)
- Collection of official government publications of the European Union, the OECD and others



- Databases on issues of relevance to 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 actively participates in the Erasmus+ Program by promoting cooperation with universities, businesses and international organizations in 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 240 partner European Institutions in the subjects that its Departments encompass. It is noteworthy that more than 8,000 students have participated in the "Erasmus" Program to date. Of these, approximately 4,500 AUEB students have attended courses at Partner Universities in Europe and about 3,500 foreign students have completed a period of study at AUEB received accreditation through the European Credit Transfer and Accumulation System (ECTS).

Finally, AUEB, adopting the internationalization and extroversion strategy, has been successfully participating in the Erasmus+ 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 have moved to/from 8 Partner Institutions in countries outside the EU, such as USA, Canada, Singapore, Russia, South Korea and Armenia. More information can be found here <https://www.aueb.gr/en/erasmus>

### **Foreign Language Courses**

Knowledge of foreign languages, a universally-accepted qualification, has become a necessity for effective participation in today's educational and professional reality. The University Student Club offers students the opportunity to attend foreign language classes held in English, French, German, Spanish, Italian and Russian. More information can be found here <https://www.aueb.gr/en/content/foreign-languages-university-student-club> .

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

The University's Employment and Career Unit 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.

The Employment and Career Unit is composed of two units:

- a) The Internship and Career Unit, which focuses on supporting AUEB students and graduates in their professional development. The Unit also offers consulting services to students and graduates regarding their professional 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, developing a sustainable business effort or exploiting the results of 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 University's 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 AUEB Student Club organizes various cultural activities through clubs or societies, in areas such as Theater, Traditional Dance, Choir, Photography, Cinema, Debating and Model 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 others. 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 as part of the University's strategy to promote social contribution. Since then it 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 members of the University community – students, faculty and administrative staff – the opportunity to experience volunteering and in this way to highlight the value of participation and contribution to society and the University, as well as to sensitize more citizens about crucial issues related to the United Nations Sustainable Development Goals. More information can be found here <https://auebvolunteers.gr/english-intro/>

## **Quality Assurance**

Athens University of Economics and 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.

AUEB's Quality Assurance Unit (QAU) 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 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>