

Study Guide

ATHENS, OCTOBER 2022

SCHOOL OF BUSINESS

DEPARTMENT OF ACCOUNTING AND FINANCE



MSc in

**Financial
Management**

**ATHENS UNIVERSITY OF
ECONOMICS & BUSINESS**

Academic year 2022-2023

PART ONE

INFORMATION ABOUT THE INSTITUTION

CONTACT INFORMATION

ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS (AUEB)

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

Telephone number: +30-210-8203911

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

e-mail: webmaster@aub.gr

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

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

ACADEMIC AUTHORITIES

The rectorate authorities consist of the Rector and the 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 BUSINESS

Dean: Associate Professor Angeliki Poulymenakou

DEPARTMENT OF ACCOUNTING AND FINANCE

Head of the Department: Associate Professor George Chalamandaris

MASTERS PROGRAM IN FINANCIAL MANAGEMENT

Director: Professor Georgia Siougle

CONTACT INFORMATION

Address: AUEB's Centre of Postgraduate Studies and Research, 47A Evelpidon Str. & 33 Lefkados Str., PC 11362 Athens, Greece

Secretariat's tel: +30-210-8203 630/ 856

Secretariat's email: master.fm@aub.gr

Website: <https://dept.aueb.gr/el/msc-fm>

Twitter: https://twitter.com/MScFinMan_Aueb

LinkedIn: <https://www.linkedin.com/company/msc-in-financial-management-aueb/>

Youtube: <https://www.youtube.com/channel/UCejOxDGoKwJEUclwbu8FYDA>

Instagram: <https://www.instagram.com/master.finman/>

Academic Calendar:

- Winter Semester
 - 1st teaching period: 3/10/2022- 25/11/2022
 - 1st exams period: 28/11/2022- 02/12/2022
 - 2nd teaching period: 05/12/2022- 10/2/2023
 - 2nd exams period: 13/2/2023- 17/2/2023
- Christmas Break: 26/12/2022-6/1/2023
- Spring Semester
 - 3rd teaching period: 20/2/2023- 21/4/2023
 - 3rd exams period: 24/4/2023-28/4/2023
 - 4th teaching period: 02/5/2023- 23/06/2023
 - 4th exams period: 26/6/2023-30/6/2023
- Easter Break : 13/4/2023-19/4/2023

Official Holidays:

- October 28 Holiday - The Anniversary of the “No”, 28/10/2022
- The Anniversary of Polytechnio, 17/11/2022
- Epiphany 6/1/2023
- The Three Patron Saints of Education Day 30/1/2023
- Clean Monday 27/2/2023
- Greek Independence Day 25/3/2023
- Labor Day 1/5/2023
- Pentecost Monday 5/6/2023

AUEB’s OPERATIONAL STRUCTURE

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

- a. The Governing Council
- b. The Senate
- c. The Rector
- d. The Vice-Rectors
- e. The Executive Director

Until the Governing Council assumes its duties, administration is exercised by the University’s Rector's Council

AUEB’s ACADEMIC STRUCTURE

The Athens University of Economics and Business is structured by academic units of two (2) levels: a) the Schools, and b) the Departments

Each School is structured by at least two (2) Departments, covers a domain of related scientific areas, and ensures the interdisciplinary approach to teaching and research between its departments. The School is responsible for supervising and coordinating the operation of the Departments and the educational and research work produced, in accordance with the Internal Operating Regulations.

The bodies of the School, according to Law 4957/2022 (A 141) as applicable are: a) the Dean and b) the Dean's Council

The Department is the University's fundamental academic unit and aims to advance a specific field of science, technology, letters and arts through education and research. The Department consists of all the members of the Teaching & Research Staff (DEP), the members of the Special Education Staff (EEP), the members of the Laboratory Teaching Staff (EDIP) and the members of the Special Technical Laboratory Staff (ETEP).

Bodies of the Department according to Law 4957/2022 (A 141) as applicable are: a) the Assembly, b) the Board of Directors, c) the Head/Chair and d) the Deputy Head/Chair.

The Athens University of Economics and Business consists of three Schools & eight Departments:

1. SCHOOL OF ECONOMIC SCIENCES

- Department of International and European Economic Studies
- Department of Economics.

2. SCHOOL OF BUSINESS

- Department of Management Science and Technology
- Department of Business Administration
- Department of Accounting and Finance
- Department of Marketing and Communication.

3. SCHOOL OF INFORMATION SCIENCE AND TECHNOLOGY

- Department of Informatics
- Department of Statistics

ADMINISTRATIVE BODIES OF POSTGRADUATE STUDY PROGRAMS

Competent bodies for the organization and operation of the Postgraduate Study Programs are:

- a) the Senate,
- b) the Assembly of the Department,
- c) the Coordinating Committee (CC), and
- d) the Director of the Postgraduate Program.

Especially for inter-departmental, inter-institutional and joint programs, the responsibilities of the Department's Assembly are exercised by the Curriculum Committee

UNIVERSITY STAFF

The University staff consists of the following categories:

➤ **TEACHING STAFF:**

- Teaching & Research Staff (DEP)
- Emeritus Professors
- Visiting Professors
- Special Education Staff (E.E.P.)
- Laboratory Teaching Staff (E.D.I.P.)
- Special Technical Laboratory Staff (E.T.E.P.)
- Auxiliary Teaching Staff

- Teaching Fellows
- Scientific Faculty Members
- Adjunct Instructors
- Secondet Teachers

➤ **ADMINISTRATIVE STAFF**

SERVICES

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

GENERAL DESCRIPTION OF THE UNIVERSITY

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

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

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

Detailed information on the study programs is provided in the study guides and departmental websites.

ADMISSION/REGISTRATION PROCEDURE

Chief Regulations of the University (including academic recognition procedures)

The regulations include, for example:

- The University's Internal Operating Regulations
- The Organization of Administrative Services
- The Regulations for the Operation of Postgraduate and Doctoral Study Programs
- The Internal Regulation for conducting postdoctoral research

AUEB'S ECTS COORDINATOR

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 MASTERS (M.Sc.) PROGRAM IN FINANCIAL MANAGEMENT

General description

The Master's program in Financial Management is a new postgraduate program, established in 2018 (M.D. 5584/ Governmental Gazette 3841/issue B'/6-9-2018 & M.D.2552 issue B'/1-06-2022 M.D. 2552 as modified and currently in force) and is entirely taught in English. It mainly aims to attract international students as well as Greek students interested in attending a Master's program in English. The program flaunts this way an international profile, in line with the latest global economic and business developments, thus reinforcing AUEB and its graduates' skills for competing in the international marketplace. The program's curriculum is up to date and in line with the latest scientific developments, designed to offer high-quality specialized scientific knowledge in the field of Financial Management while focusing on current international trends in the area. Considering the unstable national and international economic conditions, as well as the high complexity of financial markets, specific knowledge in this field is now, more than ever, essential for climbing the executive ladder in any given industry.

Degree Awarded

The Postgraduate program in Financial Management leads to the award of **Master of Science (MSc) in Financial Management** with the following specializations:

- Financial Management
- Data Driven Financial Management

The graduates' specialization is indicated on the transcript of grades and on the diploma supplement and not on the Masters' degree awarded.

Admission Criteria

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 (NARIC – DOATAP), in accordance with the relevant provisions of Greek law (M.D 4957/2022 article 304).

The program admits up to forty (40) students to the full time program and up to forty (40) students to the part time program per year.

In the framework of AUEB's cooperation with major foreign higher education institutions (HEIs), the MSc in Financial Management may accept visiting students on top of the above mentioned 80 students that regularly get accepted. All incoming visiting students must meet the program's academic acceptance criteria and are registered by the registrar upon arrival at AUEB for a predesignated time period, while retaining their student status at their home institution. All incoming visiting students are expected to achieve a passing grade (at least 5/10) in the examinations of the courses selected to attend in order to be awarded the corresponding ECTS credits. Upon successful completion of the selected courses, they will

receive a transcript of records (ToR). Incoming visiting students may be requested to pay portion of the program's tuition fees, in accordance to the decisions of the Assembly of the Department of Accounting and Finance and the Memorandum of Understanding signed between AUEB and the cooperating foreign HEI.

Applicants' selection is made according to the provisions of the Law No. 4957/2022 and the provisions of the Program Operating Regulations as decided at the **17th General Assembly of the Department of Accounting and Finance, article 5.**

The Following documents must be submitted with the application, as indicated in the official call for applications:

1. Online application form https://e-graduate.applications.aueb.gr/?lang=en_US
2. Curriculum Vitae
3. A copy of the undergraduate degree and a transcript of classes (of a Greek Institution of Higher Education or a foreign Institution recognised by Hellenic National Academic Recognition Information Center- NARIC). Students of Higher Education Students in their final year of undergraduate studies must submit a statement (in accordance with Greek law 1599/86) that their acceptance into the Programme is contingent upon them having obtained their degree by the end of the upcoming September exam period..
4. Certification of excellent or very good knowledge of the English language (at the C2 or C1 level). Students who do not have such certification when they submit their application must submit a statement (in accordance with Greek law 1599/86) that their acceptance into the Programme is contingent upon them acquiring the required certification of knowledge of English.
5. Two letters of recommendation from professors (for candidates for full-time studies) and/or employers (for candidates for part-time studies).
6. Verification of work experience (for candidates for part-time studies)
7. Applicants holding a non-Greek university degree must meet the requirements set by law 4957/2022 (art. 304) regarding their degree's recognition by the Hellenic National Academic Recognition Information Centre (DOATAP).

The applicant's evaluation process is as follows:

- a. The Admissions Committee Compiles a table of all applicants
- b. Rejects all applicants that do not meet the minimum prerequisites that have been set by the Departmental Assembly. (e.g minimum bachelor's degree, or GMAT, etc)
- c. Calls all eligible applicants for a personal interview with at least two members of the Admissions Committee.
- d. Ranks all applicants according to the above mentioned quantitative and qualitative criteria and selects the ones that will be accepted.

The final list of accepted applicants is validated by the Departmental Assembly.

In addition, all accepted candidates are required to attend and pass an exam in four (4) preparatory courses prior to their final registration to the Program, unless exempted by the Departmental Assembly. The preparatory courses are offered in September. Accepted applicants must achieve passing grades to all preparatory courses in order to make their final registration to the program, otherwise they receive a refund of tuition fees already paid, if any.

Learning Outcomes of the Program

Upon successful completion of his/her studies, the program's graduate is expected to have developed comprehensive and specialized knowledge on the core concepts and the most recent trends in Financial Management. He/She is expected to demonstrate an understanding of and to be able to analyze the fundamental rules and processes of financial reporting, the functioning of financial institutions and money and capital markets. The graduate is also expected to be able to analyze specialized topics in key thematic areas for an investment professional, i.e., fundamental analysis of equities, financing decisions, mergers and acquisitions, investment banking, fraud detection, derivatives valuation, financial planning, and taxation. Furthermore, the program's graduate will be able to apply, analyze and synthesize financial information, to evaluate managerial performance, the financial position, credit capacity, short and long-term survival, and growth prospects of firms, as well as to conduct a full-scale business valuation exercise. Moreover, the graduate is expected to have strong analytical and critical skills, and will be able to use information technology, statistical and financial analysis tools, in order to competently follow the rapidly changing academic and empirical developments in the field of Financial Management, at the national and international levels. As financial markets have nowadays reached a very high degree of complexity, the MSc graduates will be in position to constructively apply sophisticated and academically rigorous concepts, in order to adapt to the constantly changing needs of a successful career in Financial Management.

Access to further studies

Graduates of the Programme can continue their studies at the Doctoral Level (3rd cycle of studies).

Program Structure Chart with Academic Credits (ECTS)

The Program Offers:

- A full time course of 12-month duration
- A part time course of 24-month duration

Students in both courses can specialize in:

- Financial Management
- Data Driven Financial Management

The Master's Program in Financial Management corresponds to **seventy five (75) ECTS** credits (European Credit Transfer and Accumulation System), and consists of **twelve (12) courses**, worth five (5) ECTS credits each, **as well as the MSc thesis or an internship in a related subject**, worth fifteen (15) ECTS credits. For part-time students, eight (8) courses are offered in the first year of studies and four (4) in the second year, while classes are held during evening hours. Lectures are conducted in English and the literature is exclusively in English. Furthermore, the program includes four (4) preparatory courses, that take place in

September each year. Exemptions from the preparatory courses may be allowed at the discretion of the Departmental Assembly. **A student who fails any of the preparatory courses is not admitted to the Program.**

ΠΛΗΡΟΥΣ ΦΟΙΤΗΣΗΣ - FULL TIME		
Προπαρασκευαστικά Μαθήματα – 4 εβδομάδων (Preparatory courses- 4 weeks)		
Κατεύθυνση - Specialization		
Χρηματοοικονομική Διοίκηση βάσει δεδομένων - Data Driven Financial Management	Χρηματοοικονομική Διοίκηση - Financial Management	
Εισαγωγή στη Χρηματοοικονομική Λογιστική - Introduction to Financial Accounting	Εισαγωγή στη Χρηματοοικονομική Λογιστική - Introduction to Financial Accounting	0 ΠΜ/ECTS
Εισαγωγή στη Χρηματοοικονομική - Introduction to Finance	Εισαγωγή στη Χρηματοοικονομική - Introduction to Finance	0 ΠΜ/ECTS
Βασικές Αρχές Στατιστικής & Οικονομετρικής Ανάλυσης - Fundamentals of Econometric & Statistical Analysis	Βασικές Αρχές Στατιστικής & Οικονομετρικής Ανάλυσης - Fundamentals of Econometric & Statistical Analysis	0 ΠΜ/ECTS
Αρχές Προγραμματισμού - Principles of programming	Αρχές Προγραμματισμού - Principles of programming	0 ΠΜ/ECTS
ΠΡΩΤΟ ΕΞΑΜΗΝΟ - FIRST SEMESTER		
ΥΠΟΧΡΕΩΤΙΚΑ ΜΑΘΗΜΑΤΑ - COMPULSORY MODULES		
1ο ΔΙΜΗΝΟ -1st BIMESTER		
Χρηματοοικονομική Διοίκηση - Financial Management	Χρηματοοικονομική Διοίκηση - Financial Management	5 ΠΜ/ECTS
Οικονομετρικές Μέθοδοι - Econometric Methods	Οικονομετρικές Μέθοδοι - Econometric Methods	5 ΠΜ/ECTS
Λογιστική Επιχειρήσεων Ι - Accounting for Corporations I	Λογιστική Επιχειρήσεων Ι - Accounting for Corporations I	5 ΠΜ/ECTS
2ο ΔΙΜΗΝΟ -2nd BIMESTER		
Διεθνής Χρηματοοικονομική -International Finance	Διεθνής Χρηματοοικονομική - International Finance	5 ΠΜ/ECTS
Χρηματοοικονομική των Επιχειρήσεων με Αναλυτικές Μεθόδους - Corporate Finance with Analytics	Χρηματοοικονομική των Επιχειρήσεων - Corporate Finance	5 ΠΜ/ECTS
Αρχές Μηχανικής Μάθησης και Εφαρμογές στη Χρηματοοικονομική Διοίκηση - Machine Learning Principles and Applications in Financial Management	Λογιστική Επιχειρήσεων ΙΙ - Accounting for Corporations II	5 ΠΜ/ECTS

ΔΕΥΤΕΡΟ ΕΞΑΜΗΝΟ - SECOND SEMESTER		
ΥΠΟΧΡΕΩΤΙΚΑ ΜΑΘΗΜΑΤΑ - COMPULSORY MODULES		
3ο ΔΙΜΗΝΟ -3rd BIMESTER		
Διαχείριση Επενδύσεων - Investment Management	Διαχείριση Επενδύσεων - Investment Management	5 ΠΜ/ECTS
Λογιστική Επιχειρήσεων II με Αναλυτικές Μεθόδους - Accounting for Corporations II with Analytics	Λογιστική Μέτρηση Χρηματοοικονομικών Μέσων (IFRS 9) - Accounting Measurement of Financial Instruments (IFRS 9)	5 ΠΜ/ECTS
Χρηματοοικονομική Ανάλυση και Αποτίμηση με Αναλυτικές Μεθόδους - Financial Statement Analysis and Valuation with Analytics	Θεμελιώδης Ανάλυση Επενδύσεων - Fundamental Analysis of Investments	5 ΠΜ/ECTS
4ο ΔΙΜΗΝΟ -4th BIMESTER		
ΜΑΘΗΜΑΤΑ ΕΠΙΛΟΓΗΣ, 15 Π.Μ. ELECTIVE MODULES 15 Credit Units Επιλέγεται 1 τουλάχιστον από κάθε ομάδα μαθημάτων At least 1 from each group of courses	ΜΑΘΗΜΑΤΑ ΕΠΙΛΟΓΗΣ, 15 Π.Μ. ELECTIVE MODULES 15 Credit Units	
Ομάδα I (Group I)		
Αγορές Παραγώγων και Αποτίμηση - Derivatives Markets and Valuation	Αγορές Παραγώγων και Αποτίμηση - Derivatives Markets and Valuation	5 ΠΜ/ECTS
Διαχείριση και Αναφορά θεμάτων βιωσιμότητας - Sustainability Management and Reporting	Εμπορικές και Επενδυτικές Τράπεζες - Commercial and Investment Banking	5 ΠΜ/ECTS
Χρηματοοικονομικός Σχεδιασμός - Financial Planning	Απάτη: Μέθοδοι Ανάλυσης και Πρόληψης - Fraud Examination	5 ΠΜ/ECTS
Ομάδα II (Group II)	Χρηματοδότηση Επιχειρήσεων: Τάσεις και Εξελίξεις - Corporate Financing: Trends and Developments	5 ΠΜ/ECTS
Ανάλυση Χρηματοοικονομικών Δεδομένων, Διαχείριση Κινδύνων και Καινοτομία - Financial Data Analytics, Risk management & innovation	Διαχείριση και Αναφορά θεμάτων βιωσιμότητας - Sustainability Management and Reporting	5 ΠΜ/ECTS
Χρηματοοικονομική Τεχνολογία - Financial technology (Fin tech)	Συγχωνεύσεις και Εξαγορές - Mergers and Acquisitions	5 ΠΜ/ECTS
Ελεγκτική και Πρόληψη Απάτης με Αναλυτική - Auditing & Fraud Detection with Analytics	Θέματα Φορολογίας - Taxation Issues	5 ΠΜ/ECTS

Data Management & Cyber Security - Διαχείριση δεδομένων και κυβερνοασφάλεια	Χρηματοοικονομικός Σχεδιασμός - Financial Planning	5 ΠΜ/ECTS
ΘΕΡΙΝΟΙ ΜΗΝΕΣ (SUMMER MONTHS)		
<p>Επεξεργασία, Συγγραφή και Παρουσίαση Διπλωματικής Εργασίας . Η διπλωματική εργασία μπορεί να είναι ατομική ή ομαδική και οι φοιτητές εκπονούν μελέτες ώστε να μπορούν να αξιολογήσουν και να παρουσιάσουν στρατηγικές διαχείρισης επιχειρησιακών θεμάτων χρηματοοικονομικής διοίκησης που ενδεχομένως μπορεί να ανακύψουν σε διάφορα στάδια επιχειρησιακής/επενδυτικής δραστηριότητας. Εναλλακτικά της Διπλωματικής Εργασίας, οι φοιτητές του προγράμματος μπορούν να κάνουν πρακτική άσκηση σε επιχείρηση ή οργανισμό σχετικό με το αντικείμενο του προγράμματος.</p> <p>Analysis, Writing, and Presentation of Dissertation. The thesis can be individual or group and the students prepare studies in order to be able to evaluate and present strategies for managing financial management business issues that may arise in various stages of business/investment activity. Instead of a dissertation, student may be placed at a corporation for a short period of time.</p>		15 ΠΜ/ECTS

ΜΕΡΙΚΗΣ ΦΟΙΤΗΣΗΣ - PART TIME		
Προπαρασκευαστικά Μαθήματα – 4 εβδομάδων (Preparatory courses- 4 weeks)		
Κατεύθυνση - Specialization		
Χρηματοοικονομική Διοίκηση βάσει δεδομένων - Data Driven Financial Management	Χρηματοοικονομική Διοίκηση - Financial Management	
Εισαγωγή στη Χρηματοοικονομική Λογιστική - Introduction to Financial Accounting	Εισαγωγή στη Χρηματοοικονομική Λογιστική - Introduction to Financial Accounting	0 ΠΜ/ECTS
Εισαγωγή στη Χρηματοοικονομική - Introduction to Finance	Εισαγωγή στη Χρηματοοικονομική - Introduction to Finance	0 ΠΜ/ECTS
Βασικές Αρχές Στατιστικής & Οικονομετρικής Ανάλυσης - Fundamentals of Econometric & Statistical Analysis	Βασικές Αρχές Στατιστικής & Οικονομετρικής Ανάλυσης - Fundamentals of Econometric & Statistical Analysis	0 ΠΜ/ECTS
Αρχές Προγραμματισμού - Principles of programming	Αρχές Προγραμματισμού - Principles of programming	0 ΠΜ/ECTS
ΠΡΩΤΟ ΕΞΑΜΗΝΟ - FIRST SEMESTER		
ΥΠΟΧΡΕΩΤΙΚΑ ΜΑΘΗΜΑΤΑ - COMPULSORY MODULES		
1ο ΔΙΜΗΝΟ -1st BIMESTER		
Χρηματοοικονομική Διοίκηση - Financial Management	Χρηματοοικονομική Διοίκηση -Financial Management	5 ΠΜ/ECTS
Λογιστική Επιχειρήσεων Ι - Accounting for Corporations I	Λογιστική Επιχειρήσεων Ι - Accounting for Corporations I	5 ΠΜ/ECTS
2ο ΔΙΜΗΝΟ -2nd BIMESTER		
Χρηματοοικονομική των Επιχειρήσεων με Αναλυτικές Μεθόδους - Corporate Finance with Analytics	Χρηματοοικονομική των Επιχειρήσεων -Corporate Finance	5 ΠΜ/ECTS
Αρχές Μηχανικής Μάθησης και Εφαρμογές στη Χρηματοοικονομική Διοίκηση - Machine Learning Principles and Applications in Financial Management	Λογιστική Επιχειρήσεων ΙΙ - Accounting for Corporations ΙΙ	5 ΠΜ/ECTS
ΔΕΥΤΕΡΟ ΕΞΑΜΗΝΟ - SECOND SEMESTER		
ΥΠΟΧΡΕΩΤΙΚΑ ΜΑΘΗΜΑΤΑ - COMPULSORY MODULES		

3ο ΔΙΜΗΝΟ -3rd BIMESTER		
Διαχείριση Επενδύσεων - Investment Management	Διαχείριση Επενδύσεων - Investment Management	5 ΠΜ/ECTS
Λογιστική Επιχειρήσεων II με Αναλυτικές Μεθόδους - Accounting for Corporations II with Analytics	Λογιστική Μέτρηση Χρηματοοικονομικών Μέσων (IFRS 9) - Accounting Measurement of Financial Instruments (IFRS 9)	5 ΠΜ/ECTS
4ο ΔΙΜΗΝΟ -4th BIMESTER		
ΜΑΘΗΜΑΤΑ ΕΠΙΛΟΓΗΣ, 10 Π.Μ. ELECTIVE MODULES 10 Credit Units Θα πρέπει να επιλεγεί 1 τουλάχιστον από κάθε ομάδα μαθημάτων αθροιστικά σε 4ο και 8ο δίμηνο) (students must select at least 1 from each group of courses cumulatively in the 4th and 8th teaching period)	ΜΑΘΗΜΑΤΑ ΕΠΙΛΟΓΗΣ, 10 Π.Μ. ELECTIVE MODULES 10 Credit Units	
Ομάδα I (Group I)		
Διαχείριση και Αναφορά Θεμάτων βιωσιμότητας -Sustainability Management and Reporting	Αγορές Παραγώγων και Αποτίμηση - Derivatives Markets and Valuation	5 ΠΜ/ECTS
Χρηματοοικονομικός Σχεδιασμός -Financial Planning	Απάτη: Μέθοδοι Ανάλυσης και Πρόληψης - Fraud Examination	5 ΠΜ/ECTS
Ομάδα II (Group II)		
Χρηματοοικονομική Τεχνολογία - Financial technology (Fin tech)	Συγχωνεύσεις και Εξαγορές - Mergers and Acquisitions	5 ΠΜ/ECTS
Ελεγκτική και Πρόληψη Απάτης με Αναλυτική -Auditing & Fraud Detection with Analytics	Χρηματοοικονομικός Σχεδιασμός -Financial Planning	5 ΠΜ/ECTS
ΤΡΙΤΟ ΕΞΑΜΗΝΟ - THIRD SEMESTER		
ΥΠΟΧΡΕΩΤΙΚΑ ΜΑΘΗΜΑΤΑ - COMPULSORY MODULES		
5ο ΔΙΜΗΝΟ -5th BIMESTER		
Οικονομετρικές Μέθοδοι - Econometric Methods	Οικονομετρικές Μέθοδοι - Econometric Methods	5 ΠΜ/ECTS
6ο ΔΙΜΗΝΟ -6th BIMESTER		

Διεθνής Χρηματοοικονομική -International Finance	Διεθνής Χρηματοοικονομική -International Finance	5 ΠΜ/ECTS
ΤΕΤΑΡΤΟ ΕΞΑΜΗΝΟ - FOURTH SEMESTER		
7ο ΔΙΜΗΝΟ -7th BIMESTER		
Χρηματοοικονομική Ανάλυση και Αποτίμηση με Αναλυτικές Μεθόδους - Financial Statement Analysis and Valuation with Analytics	Θεμελιώδης Ανάλυση Επενδύσεων -Fundamental Analysis of Investments	5 ΠΜ/ECTS
8ο ΔΙΜΗΝΟ -8th BIMESTER		
ΜΑΘΗΜΑΤΑ ΕΠΙΛΟΓΗΣ, 5 Π.Μ. ELECTIVE MODULES 5 Credit Units	ΜΑΘΗΜΑΤΑ ΕΠΙΛΟΓΗΣ, 5 Π.Μ. ELECTIVE MODULES 5 Credit Units	
Ομάδα I (Group I)	Διαχείριση και Αναφορά θεμάτων βιωσιμότητας - Sustainability Management and Reporting	5 ΠΜ/ECTS
Αγορές Παραγώγων και Αποτίμηση - Derivatives Markets and Valuation	Χρηματοδότηση Επιχειρήσεων: Τάσεις και Εξελίξεις - Corporate Financing: Trends and Developments	5 ΠΜ/ECTS
Ομάδα II (Group II)	Εμπορικές και Επενδυτικές Τράπεζες - Commercial and Investment Banking	5 ΠΜ/ECTS
Ανάλυση Χρηματοοικονομικών Δεδομένων, Διαχείριση Κινδύνων και Καινοτομία -Financial Data Analytics, Risk management & innovation	Θέματα Φορολογίας - Taxation Issues	5 ΠΜ/ECTS
Διαχείριση δεδομένων και κυβερνοασφάλεια - Data Management & Cyber Security		5 ΠΜ/ECTS
ΘΕΡΙΝΟΙ ΜΗΝΕΣ (SUMMER MONTHS)		
<p>Επεξεργασία, Συγγραφή και Παρουσίαση Διπλωματικής Εργασίας . Η διπλωματική εργασία μπορεί να είναι ατομική ή ομαδική και οι φοιτητές εκπονούν μελέτες ώστε να μπορούν να αξιολογήσουν και να παρουσιάσουν στρατηγικές διαχείρισης επιχειρησιακών θεμάτων χρηματοοικονομικής διοίκησης που ενδεχομένως μπορεί να ανακύψουν σε διάφορα στάδια επιχειρησιακής/επενδυτικής δραστηριότητας. Εναλλακτικά της Διπλωματικής Εργασίας, οι φοιτητές του προγράμματος μπορούν να κάνουν πρακτική άσκηση σε επιχείρηση ή οργανισμό σχετικό με το αντικείμενο προγράμματος.</p> <p>Analysis, Writing, and Presentation of Dissertation. The thesis can be individual or group and the students prepare studies in order to be able to</p>		15 ΠΜ/ECTS

evaluate and present strategies for managing financial management business issues that may arise in various stages of business/investment activity. Instead of a dissertation, student may be placed at a corporation for a short period of time.

Final Assessment

The final assessment of each course is based either on written or oral examinations and/or assignments. The final grade for each course is determined by the instructor and may include individual and/or team project assignments in addition to the final exam. Participation in the designated (according to the official timetable) date of examinations is mandatory.

Exam Regulations and Grading Scale

- The examinations grading scale is set from zero (0) to ten (10), half grades are also awarded. The passing grade is five (5) or higher.
- Unexcused absence from a final examination is equivalent to failure in the course
- A student who fails a course is re-examined in the following examinations' period, in which case his or her final grade in the course is subject to a penalty, in accordance to the following formula: $\text{final grade} = (\text{exam grade} - 5) * 0.5 + 5$. In case a student fails a course twice, that is both in the initial examination as well as the re-examination, his failure is then considered final. In such a case the student is obliged to **a temporary pause of studies** for the current academic year, and he/she is re-enrolled in the Master's program during the next academic year, starting with the attendance of the course he/she had failed twice. **During the temporary pause of studies, student status is suspended.** The pause of studies periods are counted towards the maximum time allowed to complete the studies as defined in article 7 paragraph 2 hereof.
- Students are not allowed to fail more than two courses per semester of studies (failures due to unexcused absence in the final exams also count).
- In order to be awarded the Master's degree, students must achieve passing grades in all courses as well as the Master's dissertation/work placement in the designated time period, as defined in article 7 paragraph 2 hereof. If not, then students are dropped from the program, and are only entitled to a certificate for courses successfully attended.

Upon the Administrative Committee's proposition, the Departmental Assembly may decide to delist a student from the program if he/she:

- a. fails three (3) or more courses per semester of studies (this stands for final failure as defined above).
- b. fails to complete his/her studies in the maximum time allowed to complete the studies according to the program's Academic Regulations
- c. fails to meet his/her financial obligations to the program.
- d. fails into plagiarism, inappropriate behavior or cheating of any kind.

In case of a student's drop, tuition fees already paid are not refunded unless otherwise decided by the Departmental Assembly.

Research Laboratories of the Department

The Laboratories' mission is to:

- cover the teaching and research needs of the Department, at both undergraduate and graduate level, as well as to serve the teaching and research needs of other departments of AUEB
- cultivate cooperation with other research centers and academic institutions in Greece and abroad, promoting this way teamwork and reciprocity
- organize scientific lectures, seminars, symposia, conferences and other events, publish scientific papers, and invite Greek and foreign renowned scientists and other acclaimed individuals.

Laboratory of Accounting Applications (AISLab)

Chairman: Professor D. Hevas

Scientific Subject: The laboratory relies on Information Technology systems to cover teaching and research needs in the following fields: a) analysis of accounting information systems b) simulation of the operation of the accounting cycle of commercial, industrial, and services sector companies c) information management in decision making processes (both in terms of the internal as well as the external business environment) and d) simulation of the impact of decisions taken.

Location: A 33, 3rd Floor, Antoniadou Wing, Main Building, 76 Patission Str.

Website: <http://www2.aislab.aueb.gr/>

Laboratory of Applied Finance (FinLab)

Chairman: Professor K. Drakos

Scientific Subject: The laboratory covers teaching and research needs in the fields of: a) analysis and operation of money and capital markets, b) analysis of accounting and financial information for investment decisions, c) simulation of the investment behavior of the agents operating within the framework a stock market and d) simulation of the optimization decisions for a portfolio of primary securities or their derivatives.

Location: 108, 1st Floor, Building of 47A Evelpidon Str. & Lefkados

Website: <https://www.dept.aueb.gr/en/FinLab>

Business Analysis and Valuation Laboratory

Chairman: Professor A. Ballas

Scientific Subject: The laboratory serves teaching and research needs in the fields of: "Financial Analysis and Business Evaluation", "Fraud Examination", "Auditing" and "Tax Accounting".

Location: 206, 2nd Floor, Building of Troias Street

Behavioral Finance Laboratory (BeFin)

Chairman: Professor S. Spyrou

Scientific Subject: The laboratory serves research and teaching needs in the field of "Capital Markets, Money Markets and Investment Behavior" and in particular, on topics related to behavioral finance. Specifically, the scientific subjects of the laboratory include: Prospect Theory & Rationality, Investor Psychology & Heuristics, Predictions & Framing Effects, Herd Behavior, Investor Sentiment, Closed End Fund Puzzle and Dividend Puzzle, Investor Overreaction & Underreaction, the Limits of Arbitrage, Asset Pricing Models and Behavioral Variables, Monetary Policy and Effect on Expectations.

Location: 207, 2nd Floor, Building of Troias Street

Website: <https://befinlab.aueb.wixsite.com/befinlab>

International Shipping, Finance and Management Laboratory (interdepartmental)

Participating Departments:

Department of Accounting and Finance (**Presiding** –School of Business)

Department of Management Science and Technology (School of Business)

Department of International and European Economic Studies (School of Economics)

Chairman: Professor M. Kavussanos

Scientific Subject: The laboratory serves research and teaching needs in the scientific areas of Shipping markets (freight, newbuilding, sale and purchase, demolition, bunker, energy and other markets); Maritime and Port Economics; Shipping Freight Derivatives and Risk Management; Investments and Financial Management; Alternative Sources of Ship Financing; Shipbuilding Finance; Debt Financing; Public and Private Equity markets; Structured Finance; Maritime investment appraisal and budgeting; Financial analysis and modelling of Shipping Investments; Corporate Governance and other topics related to Finance and Management in Shipping and other sectors of the economy.

Location: 207, 2nd Floor, Building of Troias Street

Website: <https://www.dept.aueb.gr/en/isfm>

Personnel of the MSc in Financial Management

The faculty of the MSc in Financial Management consists of Professors, Associate Professors, and Assistant Professors with a rich scientific work, significant number of publications in reputable scientific journals, and working experience in foreign and Greek institutions. The program also employs members of administrative staff.

Director: Professor Georgia Siougle

Members of the Administrative Committee: Professor Apostolos Ballas, Associate Professors Georgios Leledakis and Georgios Chalamandaris and Assistant Professor Leonidas Rompolis

Professors

Ballas Apostolos, Ph.D. University of London

Drakos Konstantinos, Ph.D. University of Essex

Georgoutsos Dimitrios, Ph.D. University of Essex

Kavussanos Emmanouil, Ph.D. City University

Papadaki Afroditi, Ph.D. Athens University of Economics and Business

Spyrou Spyridon, Ph.D. Brunel University

Siougle Georgia, Ph.D. Athens University of Economics and Business

Hevas Dimosthenis, Ph.D. University of Wales

Associate Professors

Doukakis Leonidas, Ph.D. Athens University of Economics and Business

Episkopos Athanasios, Ph.D. State University of New York

Leledakis Georgios, Ph.D. University of Warwick

Staikouras Christos, Ph.D. City University (in suspension of duties)

Tsekrekos Andrianos, Ph.D. Lancaster University

Tsouknidis Dimitrios, Ph.D. Athens University of Economics and Business

Chalamandaris Georgios, Ph.D. Imperial College London

Assistant Professors

Chalevas Konstantinos, Ph.D. Athens University of Economics and Business

Demirakos Efthimios, Ph.D. Manchester Business School

Karampinis Nikolaos, Ph.D. Athens University of Economics and Business

Karatzimas Sotirios, Ph.D. Athens University of Economics and Business

Bekiros Stelios, Ph.D. Athens University of Economics and Business

Rompolis Leonidas, Ph.D. Athens University of Economics and Business
Sakkas Athanasios, Ph.D. Athens University of Economics and Business
Tzovas Christos, Ph.D. Dundee University
Vlismas Orestis, Ph.D. Athens University of Economics and Business

Administrative staff of the Department's Postgraduate Programs

Alexandri Chara, MSc
Choli Kassiani, MSc
Theologou Maria, MSc

Job placement

Graduates of the program benefit from the excellent relations that the Department of Accounting and Finance has built over the twenty-five years of its existence with firms in the financial sector. Students graduate well equipped to seek employment and follow successful careers in the private and public sector either in Greece or abroad. It is expected that the program's graduates will be recruited by companies and organizations, such as commercial and investment banks, financial institutions, brokerage firms, consulting firms, insurance companies, real estate agencies and shipping firms.

Tuition fees

The program's tuition fees come up to 6.200€ for the full time program and 6.400€ for the part time program. The tuition fees are paid in several installments. Students may be exempt from tuition fees according to the provisions of the Law No. 4957/2022, article 86.

International Accreditations of the Program

The M.Sc. in Financial Management has been accepted into the **CFA Affiliated Program**. Through this recognition, the international organization **CFA® (Chartered Financial Analysts)** certifies that the Master's programme offers a curriculum which is consistent with the requirements of the Institute for the acquisition of the internationally-established professional title which is awarded by the **CFA® Institute**. As such, the Master's Programme is eligible to award up to **two scholarships per academic year** within the framework of the CFA Program Awareness Scholarships, to students who wish to take the exam to earn the professional certification from the CFA. Scholarships take the form of partial exemption from the examination fees for the certification.

The professional title awarded by the **CFA® Institute** has been recognized by the Hellenic Capital Market Committee and the Athens Stock Exchange and entitles the titleholders to exemption from the corresponding exams that are held in Greece. In the private sector, possession of this title from the **CFA® Institute** carries special weight and is an important qualification for all those who work or wish to work in investment, banking and, more generally, in the wider financial sector. Students of the M.Sc. in Financial Management, in addition to the thorough academic training received in the subjects that are included in the curriculum, are well prepared to attain a highly prestigious professional certification, thus acquiring a significant advantage in the job market.

The MSc in Financial Management, covers the costs of the **Certificate in Data Analytics (CertDA)** of the **Association of Chartered Certified Accountants (ACCA®)**, for four students in the Data Driven Financial Management specialization with the highest score (2 students full-time and 2 part-time students), provided that no one has an average degree grade below 7.5, **(decision of the 7th assembly/7-12-2022).**

Description of Individual Courses

Full Time and Part time program

Course title	Accounting for Corporations I		
Course code	bm73103f bm73103p		
Type of course	Compulsory		
Level of course	Postgraduate		
Year of study	1 st		
Semester/trimester	1 st		
Number of credits allocated	5		
Name of lecturer	Ballas Apostolos, Professor, Dept of Accounting and Finance		
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<p>After successfully completing the course, students will:</p> <ol style="list-style-type: none"> 1. Be familiar with published financial statements, their format and comprehend the jargon that is found in them. 2. Understand the conceptual framework and, to a limited extent, the limitations enshrined in law which determine how accounting is carried out in organizations. 3. Understand the basic rules for the preparation of financial statements and apply them in basic reporting situations. 4. Be able to use these statements in making basic decisions about an organization and evaluating its performance. 5. Be ready to take further coursework in accounting and related fields. 		
Prerequisites	NONE		
Course contents	<p>Accounting for Corporations I is the first course about accounting to a firm's external constituencies for people who intend to become managers. It will also be of interest to anyone who wants to be able to assess a company's performance.</p> <p>During the course we will focus on how financial accounting systems work. Among the topics to be covered are the financial statements, and how are assets, liabilities and equity measured and reported.</p> <p>Accounting for Corporations I may be the first course in accounting for most of you. For this reason, the two basic objectives of the course are:</p> <ol style="list-style-type: none"> 1. To make clear the way in which accounting is an information development and communication function. 2. To prepare you to obtain additional knowledge and to facilitate subsequent learning. 		
	LECTUR	TOPIC	READ
	E		PROBLEMS
	1	The Financial Statements	1
			P1-1, P1-3
	2	The Accounting System	2
			P2-1, P2-2, P2-3, P2-4

	<p>3 The Recording Process: Transactions 3 Analysis P3-2, P3-6, P3-7 & COMP3-1</p> <p>4 The Recording Process: Adjusting 4 Entries P4-2, P4-4, P4-6, P4-7</p> <p>5 Revenue Measurement 6 Monetary Assets P6-3, CON6-1, CP6-4, CP6-5</p> <p>6 Inventory Valuation and the 7 Measurement of the Cost of Goods Sold P7-1, CP7-4, CP7-5, CON7-1</p> <p>7 The Valuation of Long-lived Assets 8 CP8-4, CP8-5, CP8-8, CON8-1</p> <p>8 Sources of Capital: Short – Term 9 Liabilities P9-6, P9-7, P9-8, CC9-1</p>
Recommended reading	<p>1. Main Textbook: Libby, R., Libby, P. A., & F. Hodge. (2020). Financial Accounting. McGraw-Hill, 10th ed. (Global edition)</p> <p>2. Additional readings will be handed out in class or posted at the portal. You are allowed and encouraged to help each other with the homework and class preparation.</p>
Teaching methods	Lectures, Study and Analysis of Bibliography
Assessment methods	<p>1) Three (3) on-line weekly quizzes on Sunday afternoons which will count for 30% of your final grade</p> <p>2) A final exam, counting for 70% of your grade.</p> <p>The exam will be closed book, although you will be allowed to bring in an A4 page of HANDWRITTEN notes in the exam room. However, programmable calculators or mobile phones will not be allowed for use during exams. The final exam will assess student’s ability to use the financial statements and related information in making basic decisions about an organization and evaluating its performance.</p>
Language of instruction	English

Course title	Financial Management
Course code	bm73101f bm73101p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	1 st
Number of credits allocated	5
Name of lecturer	Kavussanos Manolis, Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<p>At the end of the course unit students will be able to:</p> <ul style="list-style-type: none"> • <i>understand the time value of money and solve associated financial problems</i> • <i>select appropriate criteria to evaluate investments and choose between them</i> • <i>price bonds and shares from various financial models</i> • <i>understand free cash flows and their components generated by</i>

	<p><i>investments</i></p> <ul style="list-style-type: none"> • <i>calculate the cost of capital overall and from different sources</i> <p>Understand the different objectives between shareholders and management and the problems that arise when they are separate</p>
Prerequisites	NONE
Course contents	<p>The following topics are covered in the course unit</p> <ol style="list-style-type: none"> 1. <i>The Business and Financial Environment of Companies</i> <ul style="list-style-type: none"> • <i>Aims and Objectives of Financial Management</i> • <i>Meaning of Financial Decisions</i> • <i>The economic environment of companies</i> 2. <i>Time Value of Money</i> <ul style="list-style-type: none"> • <i>Future Value, Present Value, Internal Rate of Return, Payback period, Applications</i> 3. <i>Bonds and Shares</i> <ul style="list-style-type: none"> • <i>Pricing Models, Applications</i> 4. <i>Investment Appraisal Methods</i> <ul style="list-style-type: none"> • <i>'Non Rational' Criteria: Recovery of Principal (Payback Period) & Accounting Rate of Return (ARR)</i> • <i>'Rational' Criteria: Net Present Value – NPV, Economic Value Added (EVA), Internal Rate of Return- IRR</i> 5. <i>Net (Free) Cash Flow Analysis (NCF)</i> <ul style="list-style-type: none"> • <i>Net Cash Flows before taxes and after taxes</i> 6. <i>Risk and Investment Appraisal</i> <ul style="list-style-type: none"> • <i>Definition & Measures of Risk</i> • <i>Incorporating Risk in Investment Appraisal</i> 7. <i>Investment Appraisal in inflationary periods</i> <ul style="list-style-type: none"> • <i>Investment appraisal in nominal terms and in real terms</i> • <i>Applications</i> 8. <i>Cost of Capital and Market Efficiency</i> <ul style="list-style-type: none"> • <i>Cost of Equity Capital, Cost of Debt, Weighted Average Cost of Capital</i> • <i>Capital Markets and the Pricing of Risk</i> • <i>Capital Asset Pricing Model</i>
Recommended reading	<p>- Suggested bibliography:</p> <ul style="list-style-type: none"> • <i>Berk, J. and DeMarzo, P., 'Corporate Finance', Pearson International.</i> • <i>Berk, J., DeMarzo, P. and Harford, J., 'Fundamentals of Corporate Finance', Pearson International.</i> • <i>Brealey, R., Myers, S. and Allen, F., 'Corporate Finance', McGraw Hill International.</i> • <i>Brigham, E.F. and Ehrhardt M.C., 'Financial Management, Theory and Practice', South-Western Thomson Learning.</i> • <i>Copeland, T., Weston F. and Shastri K., 'Financial Theory and Corporate Policy', Pearson.</i> • <i>Damodaran, A., 'Applied Corporate Finance', Wiley.</i> • <i>Brealey, R., Myers, S. and Allen, F., 'Corporate Finance', McGraw Hill International.</i> • <i>Ross, S.A., R.W. Westerfield, J. F. Jaffe and B.D Jordan, 'Modern</i>

	<p><i>Financial Management</i>, New York, McGraw Hill Irwin.</p> <ul style="list-style-type: none"> • Arnold, G., 'Corporate Financial Management', Financial Times-Prentice Hall. • Tirole, J., 'The Theory of Corporate Finance', Princeton University Press. <p>- Related academic journals:</p> <ul style="list-style-type: none"> • Journal of Finance, Journal of Financial Economics, Review of Financial Studies, Journal of Business, Financial Management Journal, Journal of Corporate Finance, Journal of Banking and Finance, Journal of Financial and Quantitative Analysis, Journal of Futures Markets, Journal of Derivatives, etc.
Teaching methods	Lectures, Study and analysis of bibliography, Interactive Teaching
Assessment methods	Evaluation takes place through examination (100%)
Language of instruction	English

Course title	Econometric Methods
Course code	bm73102f bm73102p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st and 2 nd
Semester/trimester	1 st and 3 rd
Number of credits allocated	5
Name of lecturer	Drakos Konstantinos, Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The students will be able to apply the appropriate econometric estimation techniques for each type of dataset, and therefore learn model building skills. In addition, they will be able to extract information from data and explain agent behaviors, with the aim to setup forecasting models.
Prerequisites	NONE
Course contents	<ul style="list-style-type: none"> • Review of main statistical concepts and types of economic/financial data by variation source (cross-sectional, time series, panel). • Linear Regression with one Regressor, Ordinary Least Squares Principle, Interpretation of regression output, fitted values, residuals, measures of fit, hypothesis tests and confidence intervals. • Multiple Regression, interpretation of regression output, measures of fit, multicollinearity, dummy variable trap, Joint hypotheses tests on multiple coefficients, Other types of hypotheses involving multiple coefficients. • Nonlinear functions of one variable (polynomials, logarithmic transformations), interaction effects between independent variables (continuous/continuous, binary/binary, continuous/binary, binary/continuous). • Time series data, terminology and fundamental properties, basic data generation processes (AR, MA, ARMA), deterministic trends, seasonality, regression with time series, residual diagnostic testing (serial correlation: Durbin-Watson test, LM test, time-varying variance: LM tests), Granger Causality.

	<ul style="list-style-type: none"> • Introduction to Non-stationarity and Cointegration.
Recommended reading	Suggested bibliography: C. Brooks, 2019, Econometrics for Finance, Cambridge University Press
Teaching methods	Lectures, Study and analysis of bibliography, Interactive Teaching
Assessment methods	Evaluation takes place through examination (100%)
Language of instruction	English

Course title	International Finance
Course code	bm73104f bm73104p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st & 2 nd
Semester/trimester	1 st & 3 rd
Number of credits allocated	5
Name of lecturer	Georgoutsos Dimitrios, Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	Students after completing this course should be familiar with: <ol style="list-style-type: none"> 1. Knowledge of the basic characteristics of the Foreign exchange market; basic strategies which are based on arbitrage techniques in the spot and forward markets; basic hedging strategies 2. Knowledge of the basic determinants of spot exchange rates; understanding of the advantages / disadvantages of fixed and floating exchange rates; analyzing macroeconomic policies under different exchange rate regimes 3. Analyzing international portfolio selection policies 4. Analyzing basic multinational companies corporate strategies and their project evaluation criteria
Prerequisites	NONE
Course contents	<ol style="list-style-type: none"> 1) Foreign currency markets. Structure, transactions and Spot and Forward rates. Arbitrage strategies. 2) Parity condition in international markets. Arbitrage strategies. 3) Foreign Exchange Derivatives: FX Futures and FX options 4) Balance of Payments issues. The architecture of the international Financial System 5) International Capital Markets: Fixed Income Securities and stocks. The Euromoney and Eurobond markets. 6) International Portfolio Investment 7) International Cost of Capital and International Capital Budgeting
Recommended reading	Recommended reading: <ol style="list-style-type: none"> 1) Shapiro, A, Moles, P., 2014. Multinational Financial Management, J. Wiley& Sons. 2) Levi, M., 2009. International Finance, Routledge, London. 3) Bekaert, G, Hodrick, R., 2012, International Financial Management, Pearson. 4) Solnik, B., McLeavey, D. 2004, International Investments, Pearson
Teaching methods	Lectures
Assessment methods	The evaluation is based on the final exams (weight 100%). The exams consist of two parts. The 1st consists of multiple choice

	questions while the 2nd is a problem solving section.
Language of instruction	English

Course title	Accounting for Corporations 2
Course code	bm73106f bm73106p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	1 st
Number of credits allocated	5
Name of lecturer	Karatzimas Sotirios, Assistant Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	After successfully completing this course, students will be able to: (1) Comprehend a firm's Equity and perform Equity transactions. (2) Comprehend a firm's Liabilities and perform Liability transactions. (3) Comprehend and prepare the Statement of Cash Flows. (4) Recognize the differences between operating, investing and financing activities.
Prerequisites	NONE
Course contents	(1) Liabilities (2) Equity (3) Types of dilutive securities and earnings per share (4) Statement of cash flows
Recommended reading	- Suggested bibliography: 1. Kieso, D.E., Weygandt, J.J., & Warfield, T.D. Intermediate Accounting: IFRS Edition, 2nd Edition, Wiley - Related academic journals: 1. The Accounting Review 2. Accounting Forum 3. Abacus
Teaching methods	Lectures, Interactive teaching, essay writing, project
Assessment methods	Language of evaluation: English Method of evaluation: 80% of the final grade from the final written exam, 20% from the project. All relevant information is available at the course's page in eclass.
Language of instruction	English

Course title	Corporate Finance with Analytics
Course code	bm73118f bm73118p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	1 st
Number of credits allocated	5
Name of lecturer	Leledakis Georgios, Associate Professor, Dept of Accounting and Finance

<p>Objective of the course (preferably expressed in terms of learning outcomes and competences)</p>	<p>Students having successfully attended the course should be able to:</p> <ul style="list-style-type: none"> • Use machine learning effectively and understand how the underlying algorithms work. • Use Python so that large data sets can be easily handled and use libraries such as Pandas, Numpy, Matplotlib, Scikit-Learn, and Eventstudy. • Understand the computation of financial event study analyses. • Perform an event study analysis on a single event or on an aggregate of events. • Discuss the patterns of corporate financing. • Explain the mechanisms used for factoring. • Define and explain the activities of venture capitalists. • Discuss differences between business angels and venture capitalists. • Identify and explain the organization structure of venture capital. • Describe the patterns of venture capital investment. • Calculate the cost of capital for venture capital. • Explain the design of convertible bonds. • Estimate the value of convertible bonds. • Review the most prominent theories of convertible debt financing. • Define, compare, and contrast the types of leases. • Identify the reasons for leasing and the reasons for not leasing. • Calculate the net advantage of leasing and related issues. • Discuss the important differences of the leasing around the world. • Categorize merger and acquisitions (M&A) activities based on forms of integration and types of mergers. • Explain the common motivations behind M&A activity. • Calculate the estimated post merger value of an acquirer, and calculate the gains accrued to the target shareholders versus the acquirer shareholders. • Distinguish and describe pre-offer and post-offer takeover defense mechanisms. • Explain the mechanisms used to convert on-balance-sheet assets to a securitized asset. • Describe the key parties involved in a securitization and their roles. • Illustrate the major forms of asset securitization. • Understand the prepayment risk on pass-through securities.
<p>Prerequisites</p>	<p>NONE</p>
<p>Course contents</p>	<ul style="list-style-type: none"> • An Overview of Corporate Financing • Factoring • Venture Capital • Convertible Bonds • Leasing (Operating and Financial Leases) • Mergers & Acquisitions • Securitization • Machine Learning Techniques and their application in corporate finance <p>Event Studies</p>

<p>Recommended reading</p>	<p>- Suggested bibliography:</p> <ul style="list-style-type: none"> • Andrade, G., M. Mitchell, and E. Stafford, 2001, New evidence and perspectives on mergers, <i>Journal of Economic Perspectives</i>, 15, 103-120. • Berk, J., and P. DeMarzo, 2019, <i>Corporate Finance</i>, 5th edition, Pearson. • Brealey, R., S. Myers, and F. Allen, 2020, <i>Principles of Corporate Finance</i>, International Edition, 13th edition, McGraw-Hill. • Brigham, E.F., and M.C. Ehrhardt, 2014, <i>Financial Management: Theory and Practice</i>, 14th edition, South-Western College Publishing. • De Villepin, P. 2018, <i>Factors and Actors: A Global Perspective on the Present, Past and Future of Factoring</i>, Peter Lang. • DePamphilis, D.M., 2019, <i>Mergers, Acquisitions and Other Restructuring Activities</i>, 10th edition, Academic Press. • Gompers, P., and J. Lerner, 2001, The venture capital revolution, <i>Journal of Economic Perspectives</i>, 15, 145-168. • Gompers, P., and J. Lerner, 2004, <i>The Venture Capital Cycle</i>, 2nd edition, MIT Press. • Hu, J., 2011, <i>Asset Securitization: Theory and Practice</i>, 1st edition, Wiley. • Hull, John C., 2021, <i>Machine Learning in Business: An Introduction to the World of Data Science</i>, 3rd Edition, Independently published • Lerner, J., F. Hardyman, and A. Leamon, 2012, <i>Venture Capital and Private Equity: A Casebook</i>, 5th Edition, Wiley, New York. • Metrick, A., and A. Yasuda 2010, <i>Venture Capital and the Finance Innovation</i>, 2nd Edition, Wiley. • Ross, S.A., R.W. Westerfield, J.F. Jaffe, and B.D. Jordan, 2019, <i>Corporate Finance</i>, 12th edition, McGraw-Hill. • Saunders, A., and M. Cornett, 2018, <i>Financial Institutions Management: A Risk Management Approach</i>, 9th edition, McGraw-Hill. • Tirole, J., 2006, <i>The Theory of Corporate Finance</i>, Princeton University Press. • Walker, T., 2006, <i>Managing Lease Portfolios: How to Increase Return and Control Risk</i>, Wiley. <p>- Related academic journals: <i>Journal of Finance</i>, <i>Journal of Financial Economics</i>, <i>Review of Financial Studies</i>, <i>Journal of Financial and Quantitative Analysis</i>, <i>Journal of Corporate Finance</i>, <i>Financial Analysts Journal</i>, <i>Journal of Banking and Finance</i>, <i>Quantitative Finance</i>, <i>Review of Corporate Finance Studies</i>, <i>Journal of Applied Corporate Finance</i>, <i>European Journal of Operational Research</i>, <i>Expert Systems with Applications</i>, <i>Journal of Financial Data Science</i>, <i>Journal of Finance and Data Science</i>.</p>
<p>Teaching methods</p>	<p>Lectures</p>
<p>Assessment methods</p>	<p>The final grade is the average of the final three-hour written examination grade 60% (multiple choice questions and problem solving) and the grade of the assignments to be submitted 40%.</p>
<p>Language of instruction</p>	<p>English</p>

Course title	Corporate Finance
Course code	bm73105f bm73105p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	1 st
Number of credits allocated	5
Name of lecturer	Leledakis Georgios, Associate Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<p>Students having successfully attended the course should be able to:</p> <ul style="list-style-type: none"> • Discuss the patterns of corporate financing. • Explain the mechanisms used for factoring. • Define and explain the activities of venture capitalists. • Discuss differences between business angels and venture capitalists. • Identify and explain the organization structure of venture capital. • Describe the patterns of venture capital investment. • Calculate the cost of capital for venture capital. • Explain the design of convertible bonds. • Estimate the value of convertible bonds. • Review the most prominent theories of convertible debt financing. • Define, compare, and contrast the types of leases. • Identify the reasons for leasing and the reasons for not leasing. • Calculate the net advantage of leasing and related issues. • Discuss the important differences of the leasing around the world. • Categorize merger and acquisitions (M&A) activities based on forms of integration and types of mergers. • Explain the common motivations behind M&A activity. • Calculate the estimated post-merger value of an acquirer, and calculate the gains accrued to the target shareholders versus the acquirer shareholders. • Distinguish and describe pre-offer and post-offer takeover defense mechanisms. • Explain the mechanisms used to convert on-balance-sheet assets to a securitized asset. • Describe the key parties involved in a securitization and their roles. • Illustrate the major forms of asset securitization. • Understand the prepayment risk on pass-through securities.
Prerequisites	NONE
Course contents	<ul style="list-style-type: none"> • An Overview of Corporate Financing • Factoring • Venture Capital • Convertible Bonds • Leasing (Operating and Financial Leases) • Mergers & Acquisitions • Securitization
Recommended reading	<p>- Suggested bibliography:</p> <ul style="list-style-type: none"> • Andrade, G., M. Mitchell, and E. Stafford, 2001, New evidence and perspectives on mergers, <i>Journal of Economic Perspectives</i>, 15, 103-120.

	<ul style="list-style-type: none"> • Berk, J., and P. DeMarzo, 2019, Corporate Finance, 5th edition, Pearson. • Brealey, R., S. Myers, and F. Allen, 2020, Principles of Corporate Finance, International Edition, 13th edition, McGraw-Hill. • Brigham, E.F., and M.C. Ehrhardt, 2014, Financial Management: Theory and Practice, 14th edition, South-Western College Publishing. • De Villepin, P. 2018, Factors and Actors: A Global Perspective on the Present, Past and Future of Factoring, Peter Lang. • DePamphilis, D.M., 2019, Mergers, Acquisitions and Other Restructuring Activities, 10th edition, Academic Press. • Dutordoir, M., C.M. Lewis, J.K. Seward, and C. Veld, 2014, What we do and do not know about convertible bond financing, Journal of Corporate Finance 24, 3-20. • Gompers, P., and J. Lerner, 2001, The venture capital revolution, Journal of Economic Perspectives, 15, 145-168. • Gompers, P., and J. Lerner, 2004, The Venture Capital Cycle, 2nd edition, MIT Press. • Hu, J., 2011, Asset Securitization: Theory and Practice, 1st edition, Wiley. • Lerner, J., F. Hardyman, and A. Leamon, 2012, Venture Capital and Private Equity: A Casebook, 5th Edition, Wiley, New York. • Metrick, A., and A. Yasuda 2010, Venture Capital and the Finance Innovation, 2nd Edition, Wiley. • Ross, S.A., R.W. Westerfield, J.F. Jaffe, and B.D. Jordan, 2019, Corporate Finance, 12th edition, McGraw-Hill. • Saunders, A., and M. Cornett, 2018, Financial Institutions Management: A Risk Management Approach, 9th edition, McGraw-Hill. • Tirole, J., 2006, The Theory of Corporate Finance, Princeton University Press. • Walker, T., 2006, Managing Lease Portfolios: How to Increase Return and Control Risk, Wiley. <p>- Related academic journals: Journal of Finance, Journal of Financial Economics, Review of Financial Studies, Journal of Financial and Quantitative Analysis, Journal of Corporate Finance, Financial Analysts Journal, Journal of Banking and Finance, Quantitative Finance, Review of Corporate Finance Studies, Journal of Applied Corporate Finance.</p>
Teaching methods	Lectures
Assessment methods	The final grade will be based on a three-hour written examination (Multiple choice questions and problem solving).
Language of instruction	English

Course title	Machine-learning methods for Finance
Course code	bm73119f bm73119p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	1 st
Number of credits allocated	5

Name of lecturer	Chalamandaris George, Associate Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The course is an introduction to machine learning techniques. Upon completion of the course, students will be able to understand machine-learning techniques and implement applications to solve financial problems, using the appropriate Python libraries.
Prerequisites	NONE
Course contents	<ul style="list-style-type: none"> • Classification techniques <ul style="list-style-type: none"> ○ K-means, ○ Support Vector Machine, ○ naive Bayes classifier, ○ random forests • Methods of generalized regression <ul style="list-style-type: none"> ○ Ridge ○ LASSO ○ LARS). • Types of neural networks <ul style="list-style-type: none"> ○ Multilayer Perceptrons, ○ Convolutional NNs, ○ Recurrent NNs, ○ Self-Organized Maps, ○ Kernel Networks • Characteristic applications <ul style="list-style-type: none"> ○ credit-scoring ○ algorithmic trading ○ portfolio management ○ fraud detection • The distinction between supervised, unsupervised and reinforced learning • Python libraries (Tensorflow, Keras).
Recommended reading	<p>- Suggested bibliography:</p> <ul style="list-style-type: none"> • Hull, J. (2020). Machine Learning in Business: An Introduction to the World of Data Science, • Dixon, M., 2020. Machine Learning in Finance: From Theory to Practice. <p>- Related academic journals:</p> <ul style="list-style-type: none"> • Selected articles from Journal of Finance • Quantitative Finance
Teaching methods	Lectures
Assessment methods	<p>The evaluation of the course is conducted via a written examination (70%) and a compulsory project (30%). The project is a case study on machine-learning applications on financial data. The project is designed to test students on their programming, problem-solving abilities and on their reporting/submitted written work, backed up by computations/estimations.</p> <p>The written examination is a combination of multiple-choice questions, open-ended questions and problems to be solved.</p> <p>The evaluation criteria are communicated to the students in the first lecture and are also available online at the course's eclass page.</p>
Language of instruction	English

Course title	Investment Management
Course code	bm73107f bm73107p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	2 nd
Number of credits allocated	5
Name of lecturer	Sakkas Athanasios, Assistant Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<p>Upon completion of this course the students will:</p> <ul style="list-style-type: none"> • be able to measure and assess the risk and return of a portfolio of assets and understand how risk affects the valuation of assets in equilibrium. • have an understanding of the fundamentals of equity securities and the main issues in equity portfolio management strategies. • have an understanding of the fundamentals of fixed income securities and the main issues in bond portfolio management strategies. • be familiar with the latest findings of academic and practitioners research on investment strategies, the predictability of asset returns and the contribution of behavioural finance in understanding investor behaviour. • be able to independently analyse security markets, understand the available evidence and use it to make investment decisions. • have an understanding of the professional asset management industry and the main methods of evaluating portfolio performance.
Prerequisites	Accounting for Corporations I
Course contents	The objective of this course is to introduce the student in the theory and practice of investment management. In particular the focus of the course will be on the application of modern financial theory principles to understand practical portfolio selection and the pricing of assets in the capital markets. Topics will include portfolio selection, asset allocation, single and multi-factor risk models, the predictability of asset returns, investment strategies, active vs. passive investment strategies and alternative investments.
Recommended reading	<ul style="list-style-type: none"> • Bodie Z., A. Kane and A. J. Marcus, 'Investments', McGraw Hill • Andrew Ang, Asset Management: A Systematic Approach To Factor Investing, Oxford University Press, 2014. • Lasse H. Pedersen, Efficiently Inefficient: How Smart Money Invests and Market Prices Are Determined, Princeton University Press • Sharpe, W. F, Alexander, G. J & Bailey, J. V: 'Investments', Prentice-Hall • Frank K. Reilly & Keith C. Brown, "Investment Analysis and Portfolio Management", Publisher South Western • Jones, C. P, 'Investments, Analysis and Management', Wiley • Fabozzi, F. J, 'Investment Management', Prentice Hall • Elton E. J. and Gruber M. J, "Modern Portfolio Theory and Investment Analysis", John Wiley & Sons.
Teaching methods	Lectures

Assessment methods	Written exam in the English language with short-answer questions and problem solving. written work, essay/report
Language of instruction	English

Course title	Accounting Measurement of Financial Instruments (IFRS 9)
Course code	bm73108f bm73108p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	2 nd
Number of credits allocated	5
Name of lecturer	Siougle Georgia, Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	This course intends to cover fundamental issues related to accounting treatments for financial instruments and the disclosure requirements for financial instruments. It covers the fundamental differences between equity and financial liabilities, financial assets, and accounting for hedging transactions. Also looks at the characteristics of basic financial instruments and complex financial instruments. Furthermore, addresses issues related to fair value accounting, revenue recognition and accounting for leases. Finally, discusses the underlying conceptual framework. Relevant research papers will be analyzed throughout the course.
Prerequisites	NONE
Course contents	Topics that are covered: IFRS Conceptual Framework <ul style="list-style-type: none"> • Fair Value Accounting • Classification of Financial Assets and Financial Liabilities • Measurement at initial recognition and subsequent reporting dates • Reclassification/ Derecognition of financial assets • Hedge Accounting • Derivative accounting • Financial Instruments: Disclosures • Revenue Recognition • Accounting for Leases
Recommended reading	Intermediate Accounting : IFRS Edition (3rd edition) Kieso, Weygandt, Warfield Interpretation and Application of IFRS, Wiley Students are also provided with lecture slides, case studies, research articles. All this material is available on the eclass platform
Teaching methods	Lectures
Assessment methods	Written Exams:80% Compulsory assignment:20 %
Language of instruction	English

Course title	Fundamental Analysis of Investments
Course code	bm73109f

	bm73109p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st & 2 nd
Semester/trimester	2 nd & 4 th
Number of credits allocated	5
Name of lecturer	Doukakis Leonidas, Associate Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<p>Upon completion of the course, students will be able to:</p> <ol style="list-style-type: none"> 1. Develop a framework for analyzing a business that can be used as a basis for the preparation of a financial analyst report. 2. Calculate and interpret financial ratios (e.g. profitability, growth, leverage, and liquidity) that allow for across- and within- firm comparisons with the ultimate objective of forecasting the future. 3. Develop an understanding on how accounting errors (either intentional manipulation by the management or unintentional mistakes) and the flexibility that companies have in applying existing accounting principles affect reported income and the book value of equity. 4. Examine and compare different models of shareholder value including the residual earnings and the abnormal earnings growth model.
Prerequisites	NONE
Course contents	<p>The principal objective of this course is to develop students' capabilities to efficiently and effectively read, interpret and analyze financial statements. This is a course on fundamental analysis and has a very practical emphasis based on a series of class exercises and cases involving listed companies. Although the primary focus is on equity valuation, lending and other investment decisions are also discussed. Students learn how measurement and reporting rules determine and possibly restrain the information implied in accounting data and how reformulation and adjustments to the financial statements allow for better informed decisions.</p>
Recommended reading	<p>- Suggested bibliography:</p> <ol style="list-style-type: none"> 1. Financial Statement Analysis and Security Valuation, Penman, Stephen, 5th Edition, McGraw-Hill Higher Education, 2012. ISBN : 978-0078025310. 2. Power Point Slides and Assignments 3. Financial Statements of listed companies analyzed during the course <p>- Related academic journals:</p> <p>Nissim, D., Penman, S.H. Ratio Analysis and Equity Valuation: From Research to Practice. Review of Accounting Studies 6, 109–154 (2001). https://doi.org/10.1023/A:1011338221623</p> <p>Nissim, D., Penman, S.H. Financial Statement Analysis of Leverage and How It Informs About Profitability and Price-to-Book Ratios. Review of Accounting Studies 8, 531–560 (2003). https://doi.org/10.1023/A:1027324317663</p>
Teaching methods	Lectures
Assessment methods	<p>Final exam: 70%</p> <p>Oral examination: 10%</p> <p>Project: 20%</p>
Language of instruction	English

Course title	Accounting for Corporations II with Analytics
Course code	bm73120f bm73120p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	2 nd
Number of credits allocated	5
Name of lecturer	Doukakis Leonidas, Associate Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The course aims to help students develop a strong foundational understanding of financial accounting concepts, methods, and uses. It places a great emphasis on critically analyzing, interpreting, and evaluating corporate financial statements and related disclosures. The students will appreciate how different accounting rules, financial reporting choices and the use of estimates and judgment affect financial statements. The course has a practical orientation and employs “real world” financial statements to apply the knowledge gained from the application of accounting rules.
Prerequisites	NONE
Course contents	Accounting for Corporations II with analytics builds on and extends the contents of Accounting for Corporations I. The main topics in this course are: 1. Equity 2. Statement of Cash Flows 3. Leasing 4. Basic Cost Accounting Concepts and Break-even analysis Part of the contents of the course will be based on the use of Power BI.
Recommended reading	Kieso, D.E., Weygandt, J.J., & Warfield, T.D. Intermediate Accounting: IFRS Edition, 3rd Edition, Wiley. Dzuranin, A., Geerts, G., & Lenk, M. (2023) Data and Analytics in Accounting: An Integrated Approach, 1st Edition
Teaching methods	Lectures
Assessment methods	Final exam: 80% Project: 20%
Language of instruction	English

Course title	Financial Statement Analysis and Valuation with Analytics
Course code	bm73121f bm73121p
Type of course	Compulsory
Level of course	Postgraduate
Year of study	1 st & 2 nd
Semester/trimester	2 nd & 4 th
Number of credits allocated	5
Name of lecturer	Siougle Georgia, Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The aim of the course is to develop a framework for business analysis and valuation using financial statement data and data analytics technics.

Prerequisites	NONE
Course contents	Financial ratios are presented which result from the analysis of large chronological series. Profitability and cash flow forecasting scenarios are performed. Business valuation models (such as Discount cash flows) are assessed by using stress and sensitivity scenarios.
Recommended reading	Students are also provided with lecture slides, case studies, research articles. All this material is available on the eclass platform
Teaching methods	Lectures
Assessment methods	Written Exams:80% Compulsory assignment:20 %
Language of instruction	English

Course title	Derivatives Markets and Valuation
Course code	bm73210f bm73210p
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st & 2 nd
Semester/trimester	2 nd & 4 th
Number of credits allocated	5
Name of lecturer	Chalamandaris George, Associate Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<p>The course will help the student develop an in-depth understanding of forwards, futures, options and swaps and their application in risk management situations to the level of a highly valued professional qualification. The course will develop student appreciation of the ubiquity of derivative securities throughout commercial life and introduce the student to a practical approach of managing portfolio risks.</p> <p>Upon completion, students will be able to:</p> <ul style="list-style-type: none"> • Select the appropriate derivative security for different risk management applications. • Develop static or dynamic derivative strategies to match customized risk management exposures as market conditions evolve. • Understand the principles behind derivative valuation and discover arbitrage opportunities that may exist in the market. • Use practical methods for pricing and hedging derivative portfolios of various complexity
Prerequisites	NONE
Course contents	<ul style="list-style-type: none"> • Introduction to derivatives: <ul style="list-style-type: none"> ○ markets of derivatives, ○ the type of instruments, ○ basic terminology and the categories of traders who use them. ○ the concept of arbitrage ○ examples of arbitrage opportunities. • Mechanics of futures markets and their use for hedging: <ul style="list-style-type: none"> ○ margin, ○ mark-to-market and delivery mechanics of futures markets ○ regulation and tax-treatment of futures

	<ul style="list-style-type: none"> ○ collateralization of forwards in the OTC markets ○ use for hedging, long and short hedges, basis risk, optimal hedge ratios. • Determination of forward and futures prices: <ul style="list-style-type: none"> ○ difference between consumption and investment assets ○ existence of arbitrage opportunities ○ forward price of assets ○ concept of cost-of-carry and of the convenience yield. ○ examples of index, currency and commodity futures. • Interest rates and interest rate futures: <ul style="list-style-type: none"> ○ forward rates ○ FRAs ○ Treasury Bond and the Eurodollar futures ○ Uses for hedging fixed income portfolios. • Swaps: <ul style="list-style-type: none"> ○ definition and use for converting the form of liabilities and investments. ○ valuation ○ use of the swap curve as a benchmark interest rate curve ○ Currency swaps • Mechanics of option markets, properties of options and option strategies: <ul style="list-style-type: none"> ○ main types of options and their main uses. ○ parameters that affect their value ○ lower bounds on their prices ○ put-call parity. ○ main option strategies. • Stochastic processes and binomial trees: <ul style="list-style-type: none"> ○ the concept of a stochastic process ○ main types ○ Ito's Lemma and then ○ binomial tree ○ how to price an American option on a binomial tree. • The Black-Scholes- Merton model - Option sensitivities: <ul style="list-style-type: none"> ○ Terminology and assumptions of the Black-Scholes model ○ principles of risk-neutral valuation ○ formulas of the Black-Scholes for vanilla options ○ sensitivities of options ○ use of Greeks for hedging option portfolios. • Numerical procedures for pricing and hedging options: <ul style="list-style-type: none"> ○ binomial tree and Monte Carlo simulation methods for pricing and hedging American and general path-dependent options ○ examples in Excel for constructing general valuation spreadsheets.
<p>Recommended reading</p>	<p><i>Suggested bibliography:</i></p> <ul style="list-style-type: none"> • John C. Hull (2008), Options, Futures and Other Derivatives, 7th edition, Prentice Hall, Upper Saddle River. • Keith Cuthbertson and Dirk Nitzsche (2001), Financial Engineering: Derivatives and Risk Management, Wiley, Chichester. • Robert McDonald (2003), Derivatives Markets, Addison Wesley, Boston. Other articles will be recommended in the class depending on the topic that is discussed <p><i>-Related academic journals:</i></p>

	<ul style="list-style-type: none"> • Journal of Derivatives. • Journal of Financial Quantitative Analysis
Teaching methods	Lectures
Assessment methods	<p>The evaluation of the course is conducted via a written examination and a compulsory project. The project is a case study on pricing and hedging a derivatives portfolio and students can work on it either in teams (pairs) or individually. The project is designed to test students on their problem-solving abilities and on their reporting/submitting written work, backed up by computations/estimations.</p> <p>The written examination is a combination of multiple choice questions, open-ended questions and problems to be solved.</p> <p>The evaluation criteria are communicated to the students in the first lecture and are also available online at the course's eclass page.</p>
Language of instruction	English

Course title	Corporate Financing: Trends and Developments
Course code	bm73211f bm73211p
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st & 2 nd
Semester/trimester	2 nd & 4 th
Number of credits allocated	5
Name of lecturer	Efthumioy Vasileios, Adjunct Lecturer
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<p>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course refer to the understanding, analysis and application of the following academic & professional topics:</p> <ul style="list-style-type: none"> ✓ Non-recourse Project Financing ✓ Valuation of Real economy projects ✓ Financial Modeling of Real economy projects ✓ Case study; Public Private Partnerships (PPP) ✓ Digital Money, Blockchain & Cryptocurrencies ✓ Impact of ESG (Environment, Society & Governance) Integration on corporate financing & valuation <p>Financing for SMEs; Micro-financing, Crowdfunding and P2P lending</p>
Prerequisites	None
Course contents	<p>The course objective is to present many trends and developments in corporate and project financing that have attracted considerable interest and activity in the real economy, in the recent years. The course will examine the main features of financing real economy assets and address the cash-flow modelling steps and methods for project financing. Moreover, different topics of corporate finance which are currently under global consideration will be presented during the course, such as: ESG investment criteria, Responsible Investing, Sustainable Finance, Fintech, Crowdfunding, Peer-to-peer lending, and Microfinancing including Microloans.</p>
Recommended reading	- Required bibliography:

	<ul style="list-style-type: none"> Stefano Gatti, 2018, Project Finance in Theory and Practice: Designing, Structuring, and Financing Private and Public Projects, 3rd edition, Academic Press, published on 25 June 2018, (ISBN 978-0128114018). <p><u>- Required scientific literature:</u></p> <ul style="list-style-type: none"> Tobias A. and Tommaso M.G., 2019, "The Rise of Digital Money", IMF Coakley J. and Winifred H., 2020, "P2P lending and outside entrepreneurial finance", The European Journal of Finance. Guidance and case studies for ESG integration: Equities and Fixed income 2018, CFA Institute & Principles of Responsible Investing The New Microfinance Handbook: A Financial Market System Perspective 2013, World Bank <p><u>- Supplementary bibliography:</u></p> <ul style="list-style-type: none"> Finnerty, J.D., 2013, Project Financing: Asset-Based Financial Engineering, 3rd edition, John Wiley & Sons. Yescombe E.R., 2014, Principles of Project Finance, 2nd edition, Academic Press.
Teaching methods	Lectures
Assessment methods	<p>The final grade will be based on the assessment of a) group home assignments, b) group presentation of case study and c) the final exam.</p> <p>The weights breakdown of the aggregate grade is:</p> <ul style="list-style-type: none"> Group Assignment 30%, Group Presentation 10%, and Exam 60%.
Language of instruction	English

Course title	Commercial and Investment Banking
Course code	bm73212f bm73212p
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st & 2 nd
Semester/trimester	2 nd & 4 th
Number of credits allocated	5
Name of lecturer	Episcopos Athanasios, Associate Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	After successfully completing the course, students should be able to: Describe the function of banks and the related risk management models. Describe the regulatory environment of financial institutions. Use the various models of risk measurement such as interest-rate, market, and credit risk models. Understand stress testing, and operational, and liquidity risk. Understand economic capital and RAROC.
Prerequisites	None
Course contents	Commercial and investment banking. Interest rate risk. Volatility and value at risk (VaR). Capital adequacy and regulation. Basel Accords I, II, III. Deposit insurance. Credit risk models. Credit ratings and default probabilities. Credit and debit value adjustment. Operational risk and stress testing. Liquidity risk. Economic capital and RAROC.
Recommended reading	<p>- Suggested bibliography:</p> <ol style="list-style-type: none"> John Hull (2018), Risk Management and Financial Institutions, 5th edition, Wiley. Anthony Saunders and Marcia Cornett (2018). Financial Institutions Management: A Risk Management Approach, McGraw Hill.

	- Related academic journals:
Teaching methods	Lectures, self-study
Assessment methods	Final written examination: 80% of the grade. Homework: 20% of the grade.
Language of instruction	English

Course title	Financial Planning
Course code	bm73213f bm73213P
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	2 nd
Number of credits allocated	5
Name of lecturer	Vlismas Orestis, Assistant Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	On completion of this course, students: <ol style="list-style-type: none"> 1. Will be in a position to understand the processes through which firms prepare budgets and utilize them for controlling operating activities. 2. Will be familiar with transfer pricing, short term decision making and performance evaluation. 3. Will understand the practical usefulness of strategic management accounting. 4. Will have the skills to use management accounting techniques, tools and methods in practice, 5. Will be able to select the most suitable management accounting method, tool or technique to extract and process accounting information for decision making.
Prerequisites	THERE IS NO PREREQUISITE COURSES
Course contents	The course of Financial Planning will be delivered within 8 lectures. Each lecture's topic and context are described on the following table: Lecture Topic(s)Context <ol style="list-style-type: none"> 1 Financial planning and budgeting: Financial planning and budgeting, major features and roles of budgets, behavioral issues of budgets, budgeting and responsibility accounting, responsibility and controllability, budgeting preparation procedures. 2 Flexible budgets, variance analysis and management control I: Static and flexible budgets, static-budget variances, flexible-budget variances and sales-volume variances, production volume variances, 3 Flexible budgets, variance analysis and management control II: Measuring yield, mix and quantity effects, revenue and sales variances, variance analysis for multiple products. 4 Accounting information for short-term planning I: Cost-volume-profit analysis, understanding cost behaviour and decision making. 5 Accounting information for short-term planning II: Information for short term decision making (make-or-buy, customer profitability analysis, product-mix decisions). 6 Control and planning systems for transfer pricing: Organizational structure and decentralization, transfer pricing, market-based transfer prices, cost-based transfer prices, negotiated prices and dual prices. 7 Control and planning systems for performance measurement:

	Financial and non-financial performance measures, residual income, EVA, alternative definitions of investment, alternative definitions of performance measurement. 8 Strategic management accounting: Strategy and management accounting, balanced scorecard, cost of quality, life cycle costing.
Recommended reading	- Suggested bibliography: Horngren, C.T., Bhimani, A., Datar, S.M. and Foster, G. (2005). Management and cost accounting. Prentice Hall, 5TH eds. - Related academic journals: Management Accounting Research, The Journal of Management Accounting Research
Teaching methods	Classroom Lectures, Independent Study, Field Training exercise, Study and Analysis of Bibliography
Assessment methods	Written examination at the end of the semester (100%).
Language of instruction	English

Course title	Sustainability Management and Reporting
Course code	bm73222f bm73222p
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st & 2 nd
Semester/trimester	2 nd & 4 th
Number of credits allocated	5
Name of lecturer	Siougle Georgia, Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The aim of the course is to present basic concepts in terms of sustainability principles. In addition, the application of sustainability reporting requirements to corporate financial statements is discussed. Finally, financial reporting management practices related to sustainability issues are presented.
Prerequisites	NONE
Course contents	Students will be able to evaluate , the application effects of sustainability reporting requirements to corporate financial statements
Recommended reading	Text :Accounting for Sustainability Students are also provided with lecture slides, case studies, research articles. All this material is available on the eclass platform
Teaching methods	Lectures
Assessment methods	Written Exams:80% Compulsory assignment:20 %
Language of instruction	English
Course title	Fraud Examination
Course code	bm73214f bm73214p
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	2 nd
Number of credits allocated	5

Name of lecturer	Demoirakos Efthymios, Assistant Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	Upon successful completion of the course, participants will be able to acquire knowledge with respect to the following topics: - Introduction to Fraud Examination - Asset Misappropriation I: Skimming and Cash Larceny - Asset Misappropriation II: Billing, Payroll and Expense Reimbursement Schemes - Asset Misappropriation III: Register Disbursement, Non-Cash Asset Misappropriation, and Check Tampering Schemes - Corruption Schemes - Financial Statement Fraud Schemes - Interviews and Fraud Investigation Practical Issues
Prerequisites	NONE
Course contents	The primary purpose of the course is to familiarize students with the various occupational fraud schemes. For each fraud method, students solve case studies, and examine the preventive and detective controls that the firm's management may adopt to deal with it.
Recommended reading	Required Reading: Wells, J. (2017). "Corporate Fraud Handbook", Hoboken: Wiley. Further Reading: ACFE Material, Research Studies, Practice-oriented Articles, Case Studies.
Teaching methods	Lectures
Assessment methods	The methods of student assessment include a three-hour written examination (comprising multiple choice questions and case studies) [70%], a group project [20%], and presentation [10%].
Language of instruction	English

Course title	Mergers and Acquisitions
Course code	bm73215f bm73215p
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	2 nd
Number of credits allocated	5
Name of lecturer	Doukakis Leonidas, Associate Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	Upon completion of this course, students will be able to: 1. Understand the economics of an M&A transaction and the deal making process. 2. Analyze the motives behind firms that are subject to changes in corporate control. 3. Expand the technical proficiency (under IFRS) in accounting for transactions with affiliated business enterprises and in the preparation of consolidated financial statements. 4. Develop the conceptual understanding of and appreciation for the significant accounting and reporting requirements pertaining to consolidated or affiliated enterprises. 5. Improve the ability to interpret and use financial statements describing the financial condition and operating result of affiliated business entities,

	including multinational organizations.
Prerequisites	NONE
Course contents	<p>This course aims to provide an integrated, conceptual, current and comprehensive way of analyzing M&As. The course has a very practical emphasis based on a series of contemporary, real business cases involving listed companies. M&As are approached both from a finance and an accounting perspective. Under the finance perspective, we analyze different M&A strategies, the economics of the transaction, the acquisition motives, the deal making process etc. Under the accounting perspective, we focus on the scope and the process of consolidation, the definition of control, the purchase price allocation process, the accounting for goodwill and noncontrolling interest etc.</p> <p>The main contents of the course are:</p> <ol style="list-style-type: none"> 1. M&As background 2. Acquisition motives 3. Deal making process 4. Deal valuation 5. Leveraged (LBOs) and Management (MBOs) buyouts 6. The scope and the process of consolidation 7. Business combinations 8. Definition of control 9. Purchase price allocation 10. Accounting for goodwill 11. Accounting for non-controlling interest 12. Eliminating intercorporate transactions
Recommended reading	<ol style="list-style-type: none"> 1. Mergers, Acquisitions, and Other Restructuring Activities: An Integrated Approach to Process, Tools, Cases and Solutions, DePamphilis, M. Donald, 9th Edition, Academic Press, 2018. ISBN: 978-0-12-801609-1 2. Consolidation: Preparing and understanding consolidated financial statements under IFRS, Gallimberti, C.; Marra, A.; Prencipe, A., McGraw-Hill Education, 2013. ISBN : 978-11-219-7940-6. 3. Power Point Slides and Exercises 4. Financial Statements of listed companies analyzed during the course <p>- <i>Related academic journals:</i> Filip, Andrei and Lobo, Gerald J. and Paugam, Luc and Stolowy, Hervé, Disclosures About Key Value Drivers in M&A Announcement Press Releases: An Exploratory Study (February 17, 2021). Abacus, Forthcoming, Available at SSRN: https://ssrn.com/abstract=3787426 Elnahass, M., & Doukakis, L. (2019). Market valuations of bargain purchase gains: are these true gains under IFRS?. Accounting and Business Research, 49(7), 753-784.</p>
Teaching methods	Lectures
Assessment methods	Final exam: 70% Oral examination: 10% Project: 20%
Language of instruction	English

Course title	Taxation Issues
Course code	bm73216f bm73216p
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st & 2 nd
Semester/trimester	2 nd & 4 th
Number of credits allocated	5
Name of lecturer	Karampinis Nikolaos, Assistant Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	Upon successful completion of this course, students will be able to: <ul style="list-style-type: none"> ▪ Understand the fundamental tax concepts that shape a tax regime. ▪ Understand how international tax rules influence investment decisions. ▪ Analyze the alternative tax vehicles for tax planning. ▪ Evaluate the tax benefits and burdens of maritime industry in an international setting.
Prerequisites	NONE
Course contents	<p>WEEK 1 Introduction to Taxation Fundamental tax concepts, Tax rates, Taxable entities, Sources of Income, Deductions, Taxable profits, Loss Carry forwards/Carry backwards</p> <p>WEEK2 International Taxation Tax residency, Domestic income, Worldwide income, Bilateral treaties for the avoidance of double taxation, OECD model double taxation convention</p> <p>WEEK 3 Multinational Enterprises Parent company, Branches, Subsidiaries, Joint ventures, Dividends, Approaches in dividend taxation, Taxation of interest, royalties and financial derivatives</p> <p>WEEK 4 Transfer Pricing Transfer pricing, Advanced Pricing Agreements, OECD guidelines for tax pricing, Tax penalties for transfer pricing manipulation</p> <p>WEEK 5 Offshore Entities Tax heavens, tax loopholes, tax treatment of transactions with companies located in tax heavens, Foreign controlled entities</p> <p>WEEK 6 Shipping taxation Tonnage tax system, domestic and foreign flagged vessels</p> <p>WEEK 7 Value Added Tax (VAT) VAT for enterprises, Territorial Scope, Taxable transactions, VAT exempt transactions</p> <p>WEEK 8 International VAT issues Intra-EU transactions with goods and services, Place of goods delivered, Place of services provided, Special tax exemptions for customs warehousing and shipping entities</p>
Recommended reading	OECD. Action Plan on Base Erosion and Profit Shifting (Paris: OECD, 2013).

	<p>OECD. Base Erosion and Profit Shifting Project: 2015 Final Reports, Executive Summaries (Paris: OECD, 2015).</p> <p>OECD, Committee on Fiscal Affairs. Model Tax Convention on Income and on Capital (Paris: OECD, 2017).</p> <p>OECD, Committee on Fiscal Affairs. Transfer Pricing Guidelines for Multinational Enterprises and Tax Administrations (Paris: OECD, 2017).</p> <p>Scholes, M., Wolfson, M., Erickson, M., Hanlon, M., Maydew, E., & Shevlin, T. (2016). Taxes and business strategy: A planning approach (5th ed.). Prentice Hall.</p> <p>Miller, A. and Oats, L. (2016). Principles of International Taxation (5th ed.) Bloomsbury Professional.</p>
Teaching methods	Lectures, Assignment, independent studying
Assessment methods	<p>At the end of the course, students sit an overall written exam. The exam consists of multiple-choice questions, short-answer questions, and problem-solving exercises.</p> <p>In addition, students have to deliver a team assignment about a topic relevant to OECD international taxation project.</p> <p>The overall grade is determined by the following formula: $80\% \times \text{Exam Grade} + 20\% \times \text{Assignment Grade}$</p> <p>Note: a student is required to receive at least 50% of the corresponding total marks of the exam and the assignment to pass the course.</p>
Language of instruction	English

Course title	Financial Data Analytics, Risk management & innovation
Course code	bm73223f bm73223p
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st & 2 nd
Semester/trimester	2 nd & 4 th
Number of credits allocated	5
Name of lecturer	Rombolis Leonidas, Assistant Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<p>Upon successful completion of the course the student:</p> <ul style="list-style-type: none"> • can implement a program in Python and use its libraries to analyze financial data, create and evaluate algorithmic strategies. • will be able to value bond portfolios, extract the term structure of interest rates and implement investment strategies with fixed income securities. • will also be able to calculate the exposure of fixed income portfolios to interest rate and credit risk. • will be able to build optimal investment portfolios and evaluate their performance in relation to the risk they take. • will be able to price and hedge standardized and exotic derivative products. • can implement the basic risk management tools using Python.
Prerequisites	NONE
Course contents	The aim of the course is to provide students with the necessary tools and skills to use Python, and its specialized libraries, in solving financial computational problems. The course teaches how to write a program in Python starting with simple algebraic calculations to more sophisticated

	tools and libraries. The course covers a wide range of financial applications such as the analysis and processing of financial data, the creation of algorithmic strategies, the valuation and hedging of a bond portfolio, portfolio optimization, the evaluation of investment strategies, and the pricing and hedging of derivative products.
Recommended reading	- Suggested bibliography: <ul style="list-style-type: none"> • Hilpisch, Y., Python for Finance: Mastering Data-Driven Finance, O' Reilly, 2018. • Hilpisch, Y., Derivatives Analytics with Python, John Wiley & Sons Ltd, 2015. - Related academic journals: Quantitative Finance, Journal of Computational Finance.
Teaching methods	Lectures, projects, independent study,
Assessment methods	The evaluation procedure includes a written exam at the end of the semester and written assignments. The written examination participates by 70% in the final grade and the written assignments by 30%. The final written exam consists of problems solved through Python programming in the lab. The evaluation language is English. The evaluation criteria are mentioned to the students during the first lecture and are accessible in the course summary posted in the E-class.
Language of instruction	English

Course title	Financial Technology (Fin Tech)
Course code	bm73224f bm73224p
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st & 2 nd
Semester/trimester	2 nd & 4 th
Number of credits allocated	5
Name of lecturer	Sakkas Athanasios, Assistant Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	Upon successful completion of the course the student understands how, why and when financial institutions and other companies can benefit from the use of new technologies. He also understands the functioning of blockchain and its applications in the financial sector. He also understands the cryptocurrency ecosystem. He also gets knowledge on the operation of digital and alternative finance. Finally, he understands the regulatory framework of Financial Technology and appreciates the ethical issues that arise.
Prerequisites	NONE
Course contents	The aim of the course is to introduce students to the current developments in the field of Financial technology (Fin tech) and its important implications on the financial services industry, markets and global economy. The course analyses the context within which the application of blockchain, artificial intelligence, robo-advisory, and many other technological innovations create new business opportunities in the financial services industry. In addition, it provides a detailed insight into the challenges associated with the regulation and adoption of new technologies in the financial services. Topics 1. Introduction to Fintech

	<p>2. PayTech.</p> <p>3. P2P Lending and Crowdfunding</p> <p>4. Robo-Advisors, InsurTech και RegTech</p> <p>5. Blockchain and applications</p> <p>6: The ecosystem of cryptoassets: Bitcoin, Altcoins, Stablecoins, Central Bank Digital Currency</p> <p>7: ICOs, Centralized και Decentralized Exchanges and Valuation of cryptoassets</p> <p>8: Legal dimensions of Fintech and the future of the financial ecosystem</p>
Recommended reading	<p>- Suggested bibliography:</p> <p>1.Arslanian, H., Fischer, F. (2019). The Future of Finance: The Impact of Fintech, AI and Crypto on Financial Services. Palgrave MacMillian. Burniske, C., Tatar, J. (2018).</p> <p>2.Cryptoassets: The Innovative Investor’s Guide to Bitcoin and Beyond. McGraw-Hill.</p> <p>3.Neuefeind, M., Kacperczyk, M. (2018). Cryptocurrency – a Trader’s Handbook. Amazon.</p> <p>4.Gupta, P & Tham, T.M. (2018). FinTech: The New DNA of Financial Services. Walter de Gruyter Inc, Boston/Berlin.</p> <p>5.Sironi, P., (2016), Fintech Innovation. J. Wiley</p> <p>6.King, B., (2019). Bank 4.0. Banking everywhere, Never at a Bank. J. Wiley</p> <p>7.Harvey, Campbell R., Ashwin Ramachandran, and Joey Santoro. DeFi and the Future of Finance. John Wiley & Sons, 2021.</p> <p>8.Antonopoulos, A. M. Mastering Bitcoin. O’Reilly Press.</p> <p>- Related academic journals: Journal of Finance, Review of Financial Studies, Journal of Financial Economics, Journal of Banking and Finance</p>
Teaching methods	Lectures, Coursework
Assessment methods	Written exam in the English language with short-answer questions and open-ended questions and evaluation of the coursework
Language of instruction	English

Course title	Auditing and Fraud Detection with Analytics
Course code	bm73225f bm73225p
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st
Semester/trimester	2 nd
Number of credits allocated	5
Name of lecturer	Demoirakos Efthymios, Assistant Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	<p>Upon successful completion of the course, participants will be able to acquire knowledge with respect to the following topics:</p> <ul style="list-style-type: none"> - Introduction to External Auditing and Fraud Examination - Asset Misappropriation I: Skimming and Cash Larceny - Asset Misappropriation II: Billing, Payroll and Expense Reimbursement Schemes - Asset Misappropriation III: Register Disbursement, Non-Cash Asset Misappropriation, and Check Tampering Schemes

	<ul style="list-style-type: none"> - Corruption Schemes - Financial Statement Fraud Schemes - Practical issues relating to audit software programs and financial databases.
Prerequisites	NONE
Course contents	The primary purpose of the course is to familiarize students with the various occupational fraud schemes. For each fraud method, students solve case studies, and examine the preventive and detective controls that the firm's management may adopt to deal with it. The students learn how to use audit software programs and implement sophisticated earnings manipulation detection techniques by using financial databases.
Recommended reading	Required Reading: Wells, J. (2017). "Corporate Fraud Handbook", Hoboken: Wiley. Further Reading: ACFE Material, Research Studies, Practice-oriented Articles, Case Studies
Teaching methods	Lectures/Laboratory Exercises
Assessment methods	The methods of student assessment include a three-hour written examination (comprising multiple choice questions and case studies) [70%], a group project [10%], and laboratory work [20%].
Language of instruction	English

Course title	Data Management & Cyber Security
Course code	bm73226f bm73226p
Type of course	Elective
Level of course	Postgraduate
Year of study	1 st and 2 nd
Semester/trimester	2 nd and 4 th
Number of credits allocated	5
Name of lecturer	Siougle Georgia, Professor, Dept of Accounting and Finance
Objective of the course (preferably expressed in terms of learning outcomes and competences)	The purpose of this course is to introduce basic data protection principles and data security management and policies for a business entity. Cyber security issues and personal data security issues both for the business entity itself along with third party data maintained by the entity are discussed
Prerequisites	NONE
Course contents	Students will be familiarized with the basic concepts of data protection and security management
Recommended reading	Students are provided with lecture slides, case studies, research articles. All this material is available on the eclass platform
Teaching methods	Lectures
Assessment methods	Written Exams 80 % Compulsory assignment 20 %
Language of instruction	English

PART III: STUDENT INFORMATION

GENERAL STUDENT INFORMATION

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

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

Detailed information on meals, housing, fitness, foreign languages, cultural activities, scholarships, financial aid, is provided on the website of AUEB's Student Club at <https://lesxi.aueb.gr/>

Electronic Services

A significant number of procedures related to both attendance and student care are carried out electronically through applications of the University or the Ministry of Education and Religious Affairs. All applications are accessible with the same codes (username & password).

• E-mail account:

Detailed instructions for using the Webmail Service are provided at <https://www.aueb.gr/el/content/webmail-manual>

• Electronic Secretariat (Student Register)

The Electronic Secretariat application is the information system through which students can be served by the Department's Secretariat via the web.

• Wireless network

Using their personal codes, students have access to a wireless network in all areas of the Athens University of Economics and Business buildings/campus.

• E-Learning Platform – ECLASS

The Open eClass platform is an integrated Electronic Course Management System and is the proposal of the Academic Internet (GUnet) to support Asynchronous Distance Education Services.

Instructions are provided at <https://eclass.aueb.gr/info/manual.php>

Medical Services, Insurance / Healthcare

Undergraduate, postgraduate and PhD students at the University who have no other medical and hospital care are entitled to full medical and hospital care in the National Health System with coverage of the relevant costs by the National Health Service Provider. A psychiatric counseling service also operates at the University, staffed with a physician specializing in the treatment of mental health issues. More information at <https://www.aueb.gr/en/content/health-care> .

Services/Facilities to Students with Special Needs

The Athens University of Economics and Business ensures the facilitation of students with special needs, through the design, implementation, and environmental adaptations, for access to the university building facilities. In the main building there are specially configured lifting machines, ramps, and elevators. There are also special regulations for conducting exams for students with special needs.

The Athens University of Economics and Business has established a Committee for Equal Access for people with disabilities and people with special educational needs. The Commission is an advisory body and submits recommendations to the competent bodies for the formulation and implementation of the policy of equal access for persons with disabilities and persons with special educational needs.

Through the Library services, students with physical disabilities are granted electronic access to the recommended Greek bibliography of the courses taught at the University. In this context, the Association of Greek Academic Libraries (SEAB) has developed a multimodal electronic library called AMELib.

More information is available at <https://www.aueb.gr/el/lib/content/amea-atoma-mediateires-anages>.

Academic Advisor

The Academic Advisor has the obligation to inform, discuss and advice students regarding the structure and curriculum of the program, the option of attending scientific seminars and lab sessions in order to optimize performance in the program's examinations, the syllabi and outlines of the elective courses, the job placement opportunities and available liaisons with the labor markets, or any other issue that may arise during their studies at the MSc program.

The MSc program in Financial Management has appointed the following academic advisors according to the stream of studies attended:

- Professor Apostolos Ballas – Financial Management Specialization
- Assistant Professor Leonidas Robolis – Financial Management Specialization
- Professor Georgia Siougle – Data Driven Financial Management Specialization
- Association Professor George Chalamandaris – Data Driven Financial Management Specialization

Library and Study Rooms

The Library & Information Center of the University operates at the University's main building. The AUEB Library is a member of the Hellenic Academic Libraries Association (Heal-LINK), the European Documentation Centers Europe Direct and the Economic Libraries Cooperation Network (DIOBI).

Three Documentation Centers operate within the library:

- The European Documentation Center
- The Organization for Economic Cooperation and Development (OECD) Documentation Center
- The Delegation Center of the World Tourism Organization (WHO)

The library contributes substantially both to meeting the needs for scientific information of the academic community and to supporting studying and research. The library provides access to:

- printed collection of books and scientific journals,
- course books used in modules,
- collection of electronic scientific journals& books
- postgraduate theses and doctoral theses that are produced in Athens University of Economics and Business and deposited in digital form at the PYXIDA institutional repository
- sectoral studies
- statistical series by national and international organizations
- audiovisual material
- information material (encyclopedias, dictionaries)
- databases on the topics used by the University
- printed collections of other academic libraries

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

International Programs and Information on International Student Mobility

Athens University of Economics and Business is actively involved in the Erasmus+ Program since 1987 promoting cooperation with universities, businesses, and international organizations of the European Union (EU) as well as in the mobility of students, teaching, and administrative staff.

In addition, strengthening its internationalization objectives, it creates new opportunities through the Erasmus+ International Mobility Program. Within this framework, mobility scholarships are granted through the State Scholarships Foundation (SSF) to incoming and outgoing students of the three study cycles, according to the funding approved each year by the State Scholarship Foundation for the University. Outgoing students have the possibility to spend a period of study at a Partner Institution outside the EU with full academic recognition through the application of the ECTS credits system <https://www.aueb.gr/en/content/erasmus-programme>

Connecting with the Job Market and Entrepreneurship

D.A.STA.O.P.A. (<https://www.aueb.gr/el/dasta>) is the administrative unit of the University that plans, coordinates and implements the actions of the Athens University of Economics and Business in the following areas:

- a) development of entrepreneurship and innovation
- b) connecting students and graduates with the labor market
- c) connecting the academic community with businesses
- d) student internship programs and,
- e) supporting research utilization actions

Student Associations

Various student clubs and associations are active within the community of the Athens University of Economics and Business (<https://www.aueb.gr/el/content/student-associations>).

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 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 <https://alumni.aueb.gr> where all graduates of the University can register. The main objectives 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. Additional information on Clubs and Alumni Associations is available on the website <https://www.aueb.gr/el/content/organizations-and-associations-of-students-and-alumni>

Volunteer Program

Within the framework of its strategies, the "AUEB Volunteers" Volunteering Program was launched in September 2017. The aim of the Program is to highlight important social issues and the value of participation and practical contribution, but also to raise community awareness regarding the 17 UN Sustainable Development Goals. Actions are developed around two pillars: (a) actions addressed to AUEB's Community, which have as their main objective the maintenance of the quality of the University's infrastructure based on their aesthetics and functionality, and (b) actions addressed to Greek society. (<https://auebvolunteers.gr/>).

Quality Assurance

The Athens University of Economics & Business implements a quality assurance policy to continuously improve the quality of its study programs, research activities and administrative services, and upgrade the academic and administrative processes and the University's operations. The Quality Assurance Unit (MODIP) operating at AUEB coordinates and supports evaluation processes. Particularly the quality assurance of the educational process is achieved using the module/teaching evaluation questionnaire completed by AUEB students. (<https://aueb.gr/modip>).

Training and Lifelong Learning Center

The Center for Training and Lifelong Learning (**KEDIVIM**) is an AUEB unit which ensures the coordination and interdisciplinary cooperation in the development of training programs, continuing education, training and in general lifelong learning, which complement, modernize and/or upgrade knowledge, competences, and skills, acquired from formal education,

vocational education and initial vocational training systems or from work experience, facilitating integration or reintegration in the labor market, job security and professional and personal development. (<https://www.aueb.gr/el/content/dia-vioy-mathisi-kedivim-opa>).