

ANNEX 1 – LIST OF COMPULSORY COURSES AND ELECTIVE COURSES

To graduate students are required to earn 240 ECTS credits as follows:

1. 97.5 ECTS from 13 Economics core courses
2. 37.5 ECTS from 5 Business Administration core courses
3. 30 ECTS from 4 Computer Science core courses
4. 45 ECTS from 6 Economics elective courses
5. 30 ECTS from a thesis

	Course title and course code	Periods per week	Duration in minutes	Periods per semester	Contact hours per semester	ECTS	Lecturer
CORE COURSES (165 ECTS)							
ECONOMIC CORE COURSES (97.5 ECTS)							
1	EC101 - Microeconomics I	2	90	24	36	7.5	Dr. Paris Cleanthous
2	EC111 - Mathematics I	2	90	24	36	7.5	Dr. Andrey Afanasiev
3	EC121 - Macroeconomics I	2	90	24	36	7.5	Dr. Snezana Eminidou
4	EC131 - Statistics I	2	90	24	36	7.5	Dr. Andreas Artemiou
5	EC201 - Econometrics I	2	90	24	36	7.5	Dr. Snezana Eminidou
6	EC211 - Microeconomics II	2	90	24	36	7.5	Dr. Paris Cleanthous
7	EC221 - Econometrics II	2	90	24	36	7.5	Dr. Snezana Eminidou
8	EC301 - Macroeconomics II	2	90	24	36	7.5	Dr. Snezana Eminidou
9	EC311 - Game Theory	2	90	24	36	7.5	Dr. Doron Sonsino
10	EC361 - Social Welfare Economics & Cost-Benefit Analysis	2	90	24	36	7.5	Dr. Diego Morales
11	EC362 – Money and Banking	2	90	24	36	7.5	Dr. Marios Clerides
12	EC401 - Research Methods	2	90	24	36	7.5	Dr. Andreas Artemiou
13	EC490 – Behavioral Economics	2	90	24	36	7.5	Dr. Marios Clerides
BUSINESS ADMINISTRATION CORE COURSES (37.5 ECTS)							
14	BA101 - Personal & Professional Development	2	90	24	36	7.5	Dr. Theo Panayotou
15	BA111 - Communication Skills	2	90	24	36	7.5	Dr. Vicky Katsioloudes
16	BA201 - Ethics & Social Responsibility	2	90	24	36	7.5	Dr. Theo Panayotou
17	BA211 - Financial Accounting	2	90	24	36	7.5	Dr. Olga Kandinskaia

18	BA221 - Innovation & Entrepreneurship	2	90	24	36	7.5	Mr. Panayiotis Jacovides
COMPUTER SCIENCE CORE COURSES (30 ECTS)							
19	CS101 - Foundations of Information Technology	2	90	24	36	7.5	Dr. Yiannis Filippopoulos
20	CS141 - Programming I	2	90	24	36	7.5	Dr. Christodoulos Efstathiades
21	CS211 - Mathematics II	2	90	24	36	7.5	Dr. Andrey Afanasiev
22	CS321 - Machine Learning, Data Mining Business Analytics	2	90	24	36	7.5	Dr. Michael Christophi
TOTAL ECTS FROM CORE COURSES						165	
ECONOMICS ELECTIVE COURSES (45 ECTS)							
1	EC331 - International Trade	2	90	24	24	7.5	Dr. Andreas Assiotis
2	EC341 - International Finance	2	90	24	24	7.5	Dr. Olga Kandinskaia
3	EC321 - Industrial Organization	2	90	24	24	7.5	Dr. Paris Cleanthous
4	EC351 - Labor Economics & Industrial Relations	2	90	24	24	7.5	To be recruited
5	EC421 - Public Finance and Public Policy	2	90	24	24	7.5	Dr. Diego Morales
6	EC411 - Economic Growth and Development	2	90	24	24	7.5	Dr. Snezana Eminidou
7	EC431 - European Union Institutions, Economics and Policies	2	90	24	24	7.5	Dr. Marios Clerides
8	EC471 – The Cyprus Economy	2	90	24	24	7.5	Dr. Marios Clerides
9	EC481 – Economic History	2	90	24	24	7.5	To be recruited
11	THESIS (30 ECTS)					30	
GRAND TOTAL						240	

**TABLE 2: BSc ECONOMICS: COURSE DISTRIBUTION PER SEMESTER
YEAR 1**

A/A	Course Type	Course Name and code	Periods per course (live lectures only)	Period duration (minutes)	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
A' Semester (Fall)							
1.	Core	BA101 - Personal & Professional Development	2	90	12	24	7.5
2.	Core	EC101 - Microeconomics I	2	90	12	24	7.5
3.	Core	EC111 - Mathematics I	2	90	12	24	7.5
4.	Core	CS101 - Foundations of Information Technology	2	90	12	24	7.5
B' Semester (Spring)							
5.	Core	BA111 - Communication Skills	2	90	12	24	7.5
6.	Core	EC121 - Macroeconomics I	2	90	12	24	7.5
7.	Core	EC131 - Statistics I	2	90	12	24	7.5
8.	Core	CS141 - Programming I	2	90	12	24	7.5

YEAR 2

A/A	Course Type	Course Name and code	Periods per course (live lectures only)	Period duration (minutes)	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
A' Semester (Fall)							
1.	Core	BA201 - Ethics & Social Responsibility	2	90	12	24	7.5
2.	Core	BA211 - Financial Accounting	2	90	12	24	7.5
3.	Core	EC201 - Econometrics I	2	90	12	24	7.5
4.	Core	CS211 - Mathematics II	2	90	12	24	7.5
B' Semester (Spring)							
5.	Core	BA221 - Innovation & Entrepreneurship	2	90	12	24	7.5
6.	Core	EC211 - Microeconomics II	2	90	12	24	7.5
7.	Core	EC221 - Econometrics II	2	90	12	24	7.5
8.	Core	Elective	2	90	12	24	7.5

YEAR 3

A/A	Course Type	Course Name and code	Periods per course (live lectures only)	Period duration (minutes)	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
A' Semester (Fall)							
1.	Core	EC301 - Macroeconomics II	2	90	12	24	7.5
2.	Core	EC311 - Game Theory	2	90	12	24	7.5
3.	Core	CS321- Machine Learning, Data Mining & Business Analytics	2	90	12	24	7.5
4.	Core	Elective	2	90	12	24	7.5
B' Semester (Spring)							
5.	Core	EC361 - Social Welfare Economics & Cost-Benefit Analysis	2	90	12	24	7.5
6.	Core	EC362 – Money and Banking	2	90	12	24	7.5
7.	Core	Elective	2	90	12	24	7.5
8.	Core	Elective	2	90	12	24	7.5

YEAR 4

A/A	Course Type	Course Name and code	Periods per course (live lectures only)	Period duration (minutes)	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
A' Semester (Fall)							
1.	Core	EC401 - Research Methods	2	90	12	24	7.5
2.	Core	EC490 – Behavioral Economics	2	90	12	24	7.5
3.	Core	Elective	2	90	12	24	7.5
4.	Core	Elective	2	90	12	24	7.5
B' Semester (Spring)							
5.	Core	Thesis					30



COURSE UNIT DESCRIPTION

Course Unit Title	Game Theory	
Course Unit Code	EC311	
Type of Unit	Core	
Level of Course Unit	First cycle	
Year of Study	Third year	
Semester	On demand	
Number of ECTS Credits	7.5 ECTS	
Class contact hours	36	
Minimum learning effort hours	150	
Course Unit Objectives	The aim of the course is to present and analyze the basic tools of Game Theory. Game Theory deals with decision making of strategically interdependent agents. The course will present and analyze equilibrium concepts in static and dynamic games under complete and incomplete information. Moreover, we will apply these tools in problems of economics, such as oligopolies, negotiations, auctions etc.	
Learning Outcomes	On completion of this course students are expected to:	
	CILO 1	Comprehend the various types of games, define different equilibrium concepts, and explain their properties.
	CILO 2	Express strategic interaction and strategic reasoning with the language and tools of game theory.
	CILO 3	Adopt methods of game theory and calculate equilibria in auctions, negotiations, oligopolies, etc.
	CILO 4	Describe and evaluate traditional and new solution concepts of game theory
	CILO 5	Solve games and predict behavior using traditional as well as new solution concepts.
Name of Lecturer(s)	Dr. Doron Sonsino	
Mode of delivery	Face to Face	
Prerequisites or corequisites	None	
Course Content	Nash Equilibrium	CILO 1, 2
	Mixed Strategy Equilibrium	CILO 3, 4, 5
	Static and Dynamic games of complete information	CILO 3, 4, 5

	Static and Dynamic games of incomplete information	CILO 3, 4, 5
Recommended or required reading	<u>Textbooks:</u> Gibbons, R. (1992). A Primer in Game Theory <u>Optional textbook:</u> Rasmusen, E. (2006). Games and Information: An Introduction to Game Theory, 4th Ed.	
Planned learning activities and teaching methods	Lectures; in-class discussion and debates; in-class exercises; problem sets; team work	
Assessment methods and criteria	Class participation (including written class quizzes) and problem sets: 20% Midterm: 30% Final Exam: 50%	
Language of Instruction	English	
Work Placement(s)	Not applicable	



THE CYPRUS INTERNATIONAL INSTITUTE OF MANAGEMENT

COURSE UNIT DESCRIPTION

Course Unit Title	Money and Banking	
Course Unit Code	EC362	
Type of Unit	Core	
Level of Course Unit	First cycle	
Year of Study	Third year	
Semester	On demand	
Number of ECTS Credits	7.5 ECTS	
Class contact hours	36	
Minimum learning effort hours	150	
Course Unit Objectives	The objective of the course is to develop the framework that will help students understand the structure of financial markets, money and its components and how interest rates are determined, the banking system, the Federal Reserve/ Central Bank System and the role of monetary policy.	
Learning Outcomes	On completion of this course students are expected to:	
	CILO 1	Understand the basic principles of Banking and its application both on a theoretical and a practical level.;

	CILO 2	Understand the key financial issues related to the study of financial markets (shares, bonds, foreign exchange) and financial institutions (banks, insurance companies, mutual funds);
	CILO 3	Understand and apply the tools of financial analysis;
Name of Lecturer(s)	Dr. Marios Clerides	
Mode of delivery	Face to Face	
Prerequisites or corequisites	None	
Course Content	Financial markets (shares, bonds, foreign exchange) and financial institutions (banks, insurance companies, mutual funds).	CILO 2
	the Role and Importance of Financial Market, Money, Meaning and Functions.	CILO 1
	Interest Rates and Yields.	CILO 1
	Determination of Interest Rates.	CILO 1,2
	Market Shares and Determinants of Shares Price.	CILO 2
	Functions Financial Institutions.	CILO 1, 3
	Banking and Non-Banking Financial Institutions.	CILO 1
Recommended or required reading	<u>Textbooks:</u> The Economics of Money, Banking and Financial Markets, by Frederic S. Mishkin	
Planned learning activities and teaching methods	Lectures; in-class discussion and debates; in-class exercises; problem sets	
Assessment methods and criteria	Class participation (including written class quizzes) and problem sets: 20% Midterm: 30% Final Exam: 50%	
Language of Instruction	English	
Work Placement(s)	Not applicable	



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COURSE UNIT DESCRIPTION

Course Unit Title	The Cyprus Economy
Course Unit Code	EC471
Type of Unit	Elective

Level of Course Unit	First cycle	
Year of Study	Fourth year	
Semester	On demand	
Number of ECTS Credits	7.5 ECTS	
Class contact hours	36	
Minimum learning effort hours	150	
Course Unit Objectives	The course aims to introduce the student to issues concerning the Cypriot economy.	
Learning Outcomes	On completion of this course students are expected to:	
	CILO 1	Know the origins and historical evolution of key economic ideas
	CILO 2	Have a comprehensive, enduring image of Cypriot economy
	CILO 3	Have knowledge of the peculiarities of the Cypriot economy compared to the corresponding European ones.
	CILO 4	Familiarize with the course of macroeconomic aggregates and the overall evolution of the Cypriot economy.
	CILO 5	To acquire an objective picture and a critical view on the position of Cyprus in the rapidly evolving international economic relations.
	CILO 6	Analyze a national economy as a case study
Name of Lecturer(s)	Dr. Marios Clerides	
Mode of delivery	Face to Face	
Prerequisites or corequisites	None	
Course Content	Main problems and challenges that the Cypriot economy is facing and policies that can be implemented.	CILO 1, 2, 3
	Monetary policy and the financial system of the Cypriot economy	CILO 4,5
	Fiscal policy and social policy of the Cypriot economy	CILO 4,5
	Economic issues related to the European Union	CILO 4,5
	Financing of Cypriot households	CILO 2, 6
	Real estate market	CILO 2, 6
Recommended or required reading	<u>Textbooks:</u> Aris Spanos, Elena Andreou & George Syrichas, A. Orphanides and G. Syrichas (editors), The Cyprus Economy, Historical Review Prospects and Challenges, Central Bank of Cyprus, 2012. A Var Model for the Monetary Sector of the Cyprus Economy, 1997	

	<p>John Theodore, Jonathan Theodore, Cyprus and the Financial Crisis: The Controversial Bailout and What it Means for the Eurozone, 2015</p> <p><u>Optional textbook:</u></p> <p>Central Bank of Cyprus - Art Collection, Central Bank of Cyprus, 2012</p> <p>Euclidean Economics, Sophocles Michaelides, Central Bank of Cyprus, 2006</p>
Planned learning activities and teaching methods	Lectures; in-class discussion and debates; in-class exercises; problem sets; team work
Assessment methods and criteria	Class participation (including written class quizzes) and problem sets: 20% Midterm: 30% Final Exam: 50%
Language of Instruction	English



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COURSE UNIT DESCRIPTION

Course Unit Title	Economic History
Course Unit Code	EC481
Type of Unit	Elective
Level of Course Unit	First cycle
Year of Study	Fourth year
Semester	On demand
Number of ECTS Credits	7.5 ECTS
Class contact hours	36
Minimum learning effort hours	150

Course Unit Objectives	The objective of this course is to familiarize students with the evolution of economic thought from antiquity to today, while emphasizing the links between economic thought and social and historical phenomena.	
Learning Outcomes	On completion of this course students are expected to:	
	CILO 1	Know the origins and historical evolution of key economic ideas
	CILO 2	Connect these ideas with the social and historical context in which they developed
	CILO 3	Understand the importance of the social environment in the germination and establishment of new ideas
	CILO 4	Compare and contrast major theoretical currents
	CILO 5	Link the evolution of economic thought to overall scientific progress
Name of Lecturer(s)	Dr. Marios Clerides	
Mode of delivery	Face to Face	
Prerequisites or corequisites	None	
Course Content	Knowledge of economic history	CILO 1
	Economic Ideas	CILO 1, 2, 3
	Analysis of the market economy by the classical economists, and its critique by Marx and others.	CILO 1, 2
	Various economic currents of the 20th century (institutionalists, Keynesianism, Austrians, monetarism, etc.)	CILO 4,5
Recommended or required reading	<u>Textbooks:</u> Backhouse, Roger, The Ordinary Business of Life: A History of Economics from the Ancient World to the Twenty-First Century, Princeton University Press, 2004. <u>Optional textbook:</u> Allen, Robert C., Global Economic History: A Very Short. Introduction, Oxford, 2011 Heilbroner, Robert & Milberg, William, The making of economic society, 13th ed., Pearson, 2011	
Planned learning activities and teaching methods	Lectures; in-class discussion and debates; in-class exercises; problem sets; team work	
Assessment methods and criteria	Class participation (including written class quizzes) and problem sets: 20% Midterm: 30% Final Exam: 50%	
Language of Instruction	English	



COURSE UNIT DESCRIPTION

Course Unit Title	Behavioral Economics	
Course Unit Code	EC490	
Type of Unit	Core	
Level of Course Unit	First cycle	
Year of Study	Fourth year	
Semester	On demand	
Number of ECTS Credits	7.5 ECTS	
Class contact hours	36	
Minimum learning effort hours	150	
Course Unit Objectives	The objective of this course is to provide the knowledge and tools to the students to recognize and model strategic situations, to predict when and how their action will have an influence on others, and to exploit strategic situations for the benefit of their own.	
Learning Outcomes	On completion of this course students are expected to:	
	CILO 1	Demonstrate knowledge of the main theoretical and empirical debates in Behavioral Economics.
	CILO 2	Assess the strengths and weaknesses of different theories of Economic Behavior.
	CILO 3	Identify the way in which Behavioral economics has developed and how we can relate it to traditional models of economics.
	CILO 4	Understand the role of economics as a discipline in the behavioral sciences
	CILO 5	Analyze data from experiments and surveys to answer questions relevant to the behavioral sciences
Name of Lecturer(s)	Dr. Doron Sonsino	
Mode of delivery	Face to Face	
Prerequisites or corequisites	None	
Course Content	Values, Preferences and Choices	CILO 1

	Beliefs and Expectations	CILO 1, 2, 5
	The Discounted Utility Model	CILO 2, 3, 4
	Behavioral Game Theory	CILO 3
Recommended or required reading	<p><u>Textbooks:</u></p> <p>Wilkinson, N. and Klaes, M. (2018). <i>An Introduction to Behavioral Economics</i>, 3rd ed.</p> <p>Edward Cartwright, 2011, <i>Behavioral Economics</i>, 2nd Edition, Routledge Advanced Texts in Economics and Finance, Taylor and Francis.</p> <p><u>Optional textbook:</u></p> <p>Michelle Baddeley, 2017, <i>Behavioural Economics: A Very Short Introduction (Very Short Introductions)</i>, Oxford University Press, Oxford, UK.</p>	
Planned learning activities and teaching methods	Lectures; in-class discussion and debates; in-class exercises; problem sets; team work	
Assessment methods and criteria	Class participation (including written class quizzes) and problem sets: 20% Midterm: 30% Final Exam: 50%	
Language of Instruction	English	
Work Placement(s)	Not applicable	