COURSE OUTLINE

(1) GENERAL

SCHOOL	SCHOOL OF SCIENCES		
ACADEMIC UNIT	DEPARTMENT OF STATISTICS AND ACTUARIAL – FINANCIAL MATHEMATICS		
LEVEL OF STUDIES	POSTGRADUATE PROGRAM Statistics & Actuarial – Financial Mathematics		
COURSE CODE		**SEMESTER**	**B**
COURSE TITLE	FINANCIAL MARKETS & FINANCIAL PRODUCTS		
INDEPENDENT TEACHING ACTIVITIES		**WEEKLY TEACHING HOURS**	**CREDITS**
		2	6
COURSE TYPE	SPECIALISED GENERAL KNOWLEDGE		
PREREQUISITE COURSES:	NO		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	GREEK		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	YES (In English)		
COURSE WEBSITE (URL)	http://www.samos.aegean.gr/samos_actuar/modules_eng.html		

(2) LEARNING OUTCOMES

Learning outcomes
Upon successful completion of the course, the students will have obtained a solid introductory knowledge of the basic characteristics, the functioning and the risks of financial institutions, financial markets and financial tools and products.
General Competences
Search for, analysis and synthesis of data and information, with the use of the necessary technology Decision-making Working independently Team work Working in an interdisciplinary environment Project planning and management

(3) SYLLABUS

Structure and functioning of Financial Institutions (Banks, Insurance Companies, Mutual Funds, Hedge Funds), structure and mechanics of exchanges and OTC markets, Interest rates, Commodities, Foreign exchange, Stocks, Bonds, Derivatives, Mortgages, Securitization.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	• Synchronous and Asynchronous E-Learning. • Face-to-face learning.	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	• Communication with students via eclass educational platform and via e-mail. • Educational material stored and presented into eclass educational platform.	
TEACHING METHODS	***Activity***	***Semester workload***

	Lectures	24
	Problem solving – projects – Lab work	52
	Independent study	74
	Course total (25 per ECTS)	**150**
STUDENT PERFORMANCE EVALUATION	Student evaluation is done in Greek through a written examination which includes short-answer questions and problem solving. For students with disabilities, evaluation takes place via oral exams.	

(5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography (in Greek):

1. John C. Hull, Risk Management and Financial Institutions, 4th Edition (Hoboken, NJ: John Wiley & Sons, 2015).
2. John C. Hull, Options, Futures, and Other Derivatives, 9th Edition (New York: Pearson Prentice Hall, 2014).
3. Robert McDonald, Derivatives Markets, 3rd Edition (Boston: Addison-Wesley, 2013).
4. Jon Gregory, Central Counterparties: Mandatory Clearing and Bilateral Margin Requirements for OTC Derivatives (New York: John Wiley & Sons, 2014).
5. Anthony Saunders and Marcia Millon Cornett, Financial Institutions Management: A Risk Management Approach, 8th Edition (New York: McGraw-Hill, 2014).
6. Frank Fabozzi (editor), The Handbook of Fixed Income Securities, 8th Edition (New York: McGraw-Hill, 2012).
7. Bruce Tuckman, Angel Serrat, Fixed Income Securities: Tools for Today's Markets, 3rd Edition (New York: John Wiley & Sons, 2011).