DERIVATIVE MARKETS

1	Course Title:	DERIVATIVE MARKETS
2	Course Code:	ISL5322
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	6.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. Ümit Gücenme Gençoğlu
15	Course Lecturers:	Doç.Dr. Değer ALPER
16	Contact information of the Course Coordinator:	umitgucenme@uludag.edu.tr 0224 294 10 47
17	Website:	
18	Objective of the Course:	To give information to students about financial risks, financial risk management, derivative products, risk management with derivatives products; and to improve students' ability of interpretation and analysis on these topics.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

		1	To be able to have a knowledge of how derivative products work and how they are used.
		2	To be able to be familiar with most of the products that are likely to encounter in financial markets and compare them.
		3	To be able to explain how derivative instruments are priced and derive some important general results on the relationship between forward and spot prices.
		4	To be able to have a knowledge of how financial institutions hedge their risks when they trade these products.
		5	To be able to implement strategies formed by derivative instruments in their future career.
		6	To be able to explain the macroeconomic and political risk and how to manage these.
		7	To be able to explain and calculate value-at-risk.
		8	To be able to follow new developments in the field such as endogenous risk and exogenous risk.
		9	
		10	

21	Course Content:	

Course Content:	
Week / **Theoretical**	**Practice**

Week	Theoretical	Practice
1	Financial Risk and Sources of Risk	

2	Financial Risk and Measuring Expected Return	
3	Calculating Portfolio Risk and Return	
4	Financial Risk Management: Definition, Purpose, Process	
5	Traditional Hedging Methods	
6	Risk Management with Futures Contracts and Forward Contracts	
7	Risk Management with Swap Contracts	
8	Risk Management with Option Contracts	
9	Interest Rate Risk Management	
10	Exchange Rate Risk Management	
11	Credit Risk Management	
12	Managment of Other Financial Risks: Price, Liquidity and Operational Risk Management	
13	Value at Risk	
14	Country Risk and International Risk Management	

22	Textbooks, References and/or Other Materials:	1. Türev Piyasalar, Nurgül R. Chambers. 2. Sermaye Piyasası ve Yatırım Analizi, Lale KARABIYIK-Adem ANBAR 3. Derivatives Markets, Robert Lynch McDonald.

Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	3.00	42.00
Midterm Exam	0	0.00		
Practicals/Labs		0	0.00	0.00
Self study and preperation		14	3.00	42.00
Home work-prdiect	3	30.00		
Homeworks		3	20.00	60.00
Projects		0	0.00	0.00
Total	4	100.00		
Field Studies		0	0.00	0.00
Midterm exams		0	0.00	0.00
Others		0	0.00	0.00
Final Exams		1	36.00	36.00
Total		100.00		
Total Work Load				180.00
Total work load/ 30 hr				6.00
ECTS Credit of the Course				6.00

25	**CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS**

	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	4	3	0	0	0	0	5	0	4	0	0	0	0	0
ÖK2	0	0	4	3	0	0	0	0	5	0	4	0	0	0	0	0
ÖK3	0	0	4	3	0	0	0	0	5	0	4	0	0	0	0	0
ÖK4	0	0	4	3	0	0	0	0	5	0	4	0	0	0	0	0

ÖK5	0	4	4	3	0	0	0	0	5	0	4	0	0	0	0	0
ÖK6	0	3	4	3	0	0	0	0	0	0	4	0	0	0	0	0
ÖK7	0	0	4	3	0	0	0	0	5	0	4	0	0	0	0	0
ÖK8	0	3	4	3	0	0	0	0	0	0	4	0	0	0	0	0

LO: Learning Objectives   PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High