

**TURKISH-GERMAN UNIVERSITY
INSTITUTE OF SOCIAL SCIENCES
INTERNATIONAL FINANCE**

COURSE SYLLABUS FORM

Course Information				
Course Unit Title	Recent Developments in International Finance and Trade			
Course Unit Code	Semester	Regular Cycle	T+A+L Hour	ECTS
IF004	1	2	2+0+0	6

Course Language	English					
Course Level	Undergraduate		Graduate	X	Postgraduate	
Department / Program	International Finance					
Types of Education	Classroom lecture					
Course Type	Compulsory		Elective		X	
Objectives of the Course	The aim of the course is to introduce current information about International Finance and international banking regulations, develop students' ability to use data analysis and visual presentation tools, and applied econometrics basics.					
Course Content	International Banking Regulations and Basel Framework Data analysis tools, data analysis and visual data presentation tools with R and R Studio Introduction to Probability and Statistics, Introduction to Applied Econometrics and applications of Econometrics with R					
Prerequisite	-					
Course Coordinator	Dr. S. Emre Çekin					
Name of Lecturers	Dr. Michail Koslov, Dr. Michael Schöppe, Dr. Tuğba Zeydanlı					
Course Assistants	Egemen Kayabaşı					
Work Placement(s)	-					

Recommended or Required Reading	
Text Book(s) / Lecture Notes	
Other Sources	Academic articles, lecture slides

Material Sharing	
Documents	-

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Assignments	-
Exams	-

Course Category

Mathematics and Basic Sciences	40%
Engineering	%
Engineering Design	%
Social Sciences	60%
Educational Sciences	%
Science	%
Health Sciences	%
Field Knowledge	%

Assessment Criteria

Semester Works	Quantity	Percentage %
Midterm Exam	1	40%
Quiz		%
Assignment		%
Attendance		%
Application		%
Project		%
Final examination	1	60%
Total	2	100%

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ECTS / Table for Student Working Load			
Activities	Quantity	Duration (Hour)	Total Work Load (Hour)
Course Duration	14	2	28
Self-Study Hours	50	3	150
Assignment			
Presentation / Seminar Preparation			
Midterm exams	1	1	1
Application			
Laboratory			
Project			
Final examination	1	1	1
Total Work Load(Hour)	180		
Total Work Load(Hour)/ 30 (h)	180/30=6		
ECTS Credit of the Course	6		

Learning Outcomes of the Course

No.	Learning Outcomes
1	To have knowledge about international banking regulations
2	Data analysis tools, to be able to analyze data with R and R Studio, to have information about the use of visual data presentation tools
3	Introduction to Applied Econometrics and being able to use R and Econometrics applications

Course Content

Week	Topic	Preparation	Documents
1	Learning a programming language : Elements of reproducible data analysis		
2	Data Analysis Elements		

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3	How to use R – the basics		
4	Getting data in R		
5	Visual Display of quantitative information		
6	Basel Developments		
7	SMA – the latest revision of the new and single approach to capital requirements		
8	National accounting and ancillary accounting: Fundamental terms, backgrounds, facts		
9	Overview of Basel III and its Implementation		
10	Probability and Statistics Review		
11	Applied Econometrics: Introduction to Econometrics		
12	Properties of the OLS estimators		
13	Hypothesis Testing		
14	The Multiple Regression Model		
15	Example Applications in R		

Matrix of Course Learning Outcomes versus Program Outcomes

	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
ALL	5	5	1	2	3	3	4	3	3	3

Contribution Level: 1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High

Prepared by: Egemen Kayabaşı

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