

M.A. PROGRAM IN BUSINESS MANAGEMENT (WITH THESIS)
COURSE SYLLABUS FORM

Course Details				
Code	Academic Year			Semester
BM034	1			Elective
Title	T	A	L	ECTS
Financial Modeling	3	0	0	6
Language	English			
Level	Undergraduate		Graduate X	Postgraduate
Department / Program	Business Management			
Forms of Teaching and Learning	Face to face			
Course Type	Compulsory		Elective X	
Objectives	The aim is to teach students basic financial issues such as project evaluation and the preparation of project cash flows with their applications in Excel.			
Content	Modelling, valuation, VaR			
Prerequisites	-			
Coordinator	Asst. Prof. Dr. Çiydem ÇATAK			
Lecturer(s)	-			
Assistant(s)	-			
Work Placement	-			
Recommended or Required Reading				
Books / Lecture Notes	-			
Other Sources	-			
Additional Course Material				
Documents	-			
Assignments	-			
Exams	-			
Course Composition				
Mathematics und Basic Sciences				80%
Engineering				%
Engineering Design				%
Social Sciences				20%
Educational Sciences				%
Natural Sciences				%

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Health Sciences			%
Expert Knowledge			%
Assessment			
Activity	Count	Percentage (%)	
Midterm Exam	1	40	
Quiz			
Assignments			
Attendance			
Recitations			
Projects			
Final Exam	1	60	
	Total	100	
ECTS Points and Work Load			
Activity	Count	Duration	Work Load (Hours)
Lectures	14	2	28
Self-Study			
Assignments			
Presentation / Seminar Preparation			
Midterm Exam	1	76	76
Recitations			
Laboratory			
Projects			
Final Exam	1	76	76
	Total Work Load	180	
	ECTS Points (Total Work Load / Hour)		6
Learning Outcomes			
1	Students are able to effectively apply valuation techniques using financial modelling.		
Weekly Content			
1	Financial Mathematics		
2	Financial Mathematics		
3	Cost of Capital - Discount Rate		
4	Cost of Capital - Discount Rate		
5	Financial Statement Analysis		
6	Financial Statement Analysis		

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7	Risk-Return
8	Risk-Return
9	Midterm Exam
10	Discounted Cash Flow Analysis
11	Discounted Cash Flow Analysis
12	Valuation
13	Valuation
14	Value at Risk (VaR)
15	Value at Risk (VaR)

Contribution of Learning Outcomes to Program Objectives (1-5)

	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13
1	4	4	4	4	4	4	4	4	4	4	4	4	4

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

Compiled by: Asst. Prof. Dr. Çiydem ÇATAK (Head of Sub-Department Accounting and Financing)

Date of Compilation: 04.06.2020