

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

Course Details				
Code	Academic Year			Semester
BM101	1			1
Title	T	A	L	ECTS
Research Methods and Quantitative Analysis	3	0	0	6
Language	English			
Level	Undergraduate		Graduate	X
Department / Program	Business Management			
Forms of Teaching and Learning	Face to face			
Course Type	Compulsory	X	Elective	
Objectives	The aim of this course is to inform the student about scientific research methods and to introduce various quantitative analysis methods.			
Content	General concepts about scientific research methods, stages of scientific research, research ethics and plagiarism concept, arrangement of data matrix, descriptive statistical measures, discrete and continuous probability distributions, sampling and sampling methods, interval estimation, parametric and nonparametric tests			
Prerequisites	-			
Coordinator	-			
Lecturer(s)	-			
Assistant(s)	-			
Work Placement	-			
Recommended or Required Reading				
Books / Lecture Notes	<ul style="list-style-type: none"> - Karagöz, Y., SPSS ve AMOS Uygulamalı Nicel-Nitel-Karma Bilimsel Araştırma Yöntemleri ve Yayın Etiği, 2019, Nobel Akademik Yayıncılık - Yıldız, A., İşletme Alanında Nicel Araştırma Yöntemleri ve Yayın Etiği, 2019, Gazi Kitabevi 			
Other Sources				
Additional Course Material				
Documents	-			
Assignments	-			
Exams	-			
Course Composition				
Mathematics und Basic Sciences				50%
Engineering				%
Engineering Design				%

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Social Sciences		20%	
Educational Sciences		%	
Natural Sciences		%	
Health Sciences		%	
Expert Knowledge		30%	
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	3	42
Self-Study	14	3	42
Assignments			
Presentation / Seminar Preparation			
Midterm Exam	1	40	40
Recitations			
Laboratory			
Projects			
Final Exam	1	56	56
		Total Work Load	180
		ECTS Points (Total Work Load / Hour)	6
Learning Outcomes			
1	Students have knowledge about the stages of scientific research.		
2	Students have knowledge about research ethics and plagiarism concept.		
3	Students have knowledge about descriptive statistical measures.		
4	Students have knowledge about discrete and continuous probability distributions.		
5	Students have knowledge about sampling and sampling methods.		
6	Students can make interval estimation.		

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7	Students can make parametric and nonparametric tests.
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Weekly Content

1	General concepts about scientific research methods
2	Stages of scientific research
3	Research ethics and plagiarism concept
4	Arrangement of data matrix
5	Descriptive statistical measures
6	Descriptive statistical measures
7	Discrete probability distributions
8	Continuous probability distributions
9	Mid-term exam
10	Sampling and sampling methods
11	Interval estimation
12	Parametric tests
13	Parametric tests
14	Nonparametric tests
15	Nonparametric tests

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

	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13
1	4	5	5	5	5	4	5	4	4	5	4	4	5
2	4	5	5	5	5	4	5	4	4	5	4	4	5
3	4	5	5	5	5	4	5	4	4	5	4	4	5
4	4	5	5	5	5	4	5	4	4	5	4	4	5
5	4	5	5	5	5	4	5	4	4	5	4	4	5
6	4	5	5	5	5	4	5	4	4	5	4	4	5
7	4	5	5	5	5	4	5	4	4	5	4	4	5

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

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