

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GE 711	Methodology of Quantitative Research	1	3	0	0	3	9

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Doctoral Degree
Objective	The aim of the course is to familiarize the students with research methodology; principles of research and quantitative methods and tools which are frequently used in research .
Content	Principles of Scientific Research, Research Problems and Ethics, Qualitative and Quantitative Research, Data, Variables and Scaling, Research Process Research Design and Methods of Data Collection, Hypothesis Development and Testing, Sampling and Sampling Distributions, Quantitative Data Analysis Mid term exam, Non-Parametric Tests, Regression Analysis, Factor and Discriminant Analysis, Presentation and Discussion
References	-Sekeran Uma, Roger Bougie, "Research Methods for Business, A Skill Building Approach", 5th Edition, Wiley, U.K. 2010.- -Blumberg Boris, Couper Donald R., Schindler Pamela S., "Business Research Methods", Second European Edition, Mc-Graw-Hill, Berkshire, U.K., 2008. -Newbold P., Carlson W.L. & B. Thorne B., "Statistics For Business and Economics", 7th ed., Prentice Hall, 2010.

Theory Topics

Week	Weekly Contents
1	Principles of Scientific Research
2	Research Problems and Ethics
3	Qualitative and Quantitative Research
4	Data, Variables and Scaling
5	Research Process
6	Research Design and Methods of Data Collection
7	Hypothesis Development and Testing
8	Sampling and Sampling Distributions
9	Quantitative Data Analysis
10	Mid term exam
11	Non-Parametric Tests
12	Regression Analysis
13	Factor and Discriminant Analysis
14	Presentation and Discussion