

King Saud University (RIYADH)
College of business administration
Department of Quantitative Analysis

Research Project (SDE 599)
Second Term (2021/2022) (1443H)

A core course in the master program in decision sciences MSDS
Level 4 (last semester in the program)

Course Facilitator: Dr. Najwan Alsadat

Office : Building 3 2nd Floor, Office No. 185

E-mail: nalsadat@ksu.edu.sa

Lecture: Tuesday 9:00-11.00 AM and Wednesday 11:00-12.00 PM (sec 61234)

Tuesday 11:00-12.00 PM and Wednesday 9:00-11.00 AM (sec 67502)

Office Hours : Tuesday (12-1), Wednesday (12-1)

Course Objectives

This requirement is designed to help student to conduct scientific research in a topic relevant to the track chosen. Students will be facilitated with knowledge on how to collect, analyze and present data using appropriate methodological approaches and scientific techniques relevant to the chosen topic to come up with an academic research paper.

Content of the Course and Session Plan

Session	Content
Week 1	Introduction to research work
Week 2-3	Defining the research problem
Sunday (13/2/2022) (10 PM)	Submission of title, objectives, and problem statement of the paper with presentation (10 points)
Week 4	Working with literature review
Week 5	Designing the questionnaire
Week 6	Field study designing and testing
Sunday (6/3/2022) (10 PM)	Submission of paper literature review, objectives, methodology and questionnaire design with presentation (15 points)
Week 7-8	Field work
Week 9	Data cleansing

Week 10	Descriptive statistics and interpretation
Sunday (10/4/2022) (10 PM)	Submission of initial analysis of the data with presentation (15 points)
Week 11	Inferential statistics , interpretation, and conclusion
Sunday (17/4/2022) (10 PM)	Submission of final analysis of the data with presentation (20 points)
Sunday (15/5/2022) (10 PM)	Submission of final paper with presentation (40 points)

Textbook Recommended:

- James_E._Sallis, Geir_Gripsrud, Ulf_Henning_Olsson, and Ragnhild_Silkoset (2021). *Research Methods and Data Analysis for Business Decisions*. Springer, Switzerland.

Other recommended references:

- Bart L. Weathington, Christopher J.L. Cunningham, and David J. Pittenger (2012). *UNDERSTANDING BUSINESS RESEARCH*. John Wiley & Sons, Inc., New Jersey.