

**COURSE DESCRIPTIONS**

<b>Faculty</b>	Business				
<b>Department</b>	Business Administration			<b>NQF level</b>	
<b>Course Title</b>	scientific research Methods	<b>Code</b>	302703	<b>Prerequisite</b>	
<b>Credit Hours</b>	3	<b>Theory</b>		<b>Practical</b>	
<b>Course Leader</b>	Abdallah obeidat	<b>email</b>	aabdullah2000@hotmail.com		
<b>Lecturers</b>	dr nader jawarneh	<b>emails</b>			
<b>Lecture time</b>	9-12	<b>Classroom</b>			
<b>Semester</b>	first	<b>Production</b>		<b>Updated</b>	
<b>Awards</b>	master			<b>Attendance</b>	Fulltime

**Short Description**

The course deals with methods of scientific research related to the definition of scientific research and clarification of its importance, types, steps and approaches. It also deals with the sources and methods of data collection, methods of data analysis, methods of inspection and assessment, and all statistical methods that can be used in analysis and scientific research in the field of business administration.

**Course Objectives**

- .1 Clarify the concept of scientific research.
- .2 An explanation of the detailed steps of scientific research
- .3 Introduce students to methods of collecting data and samples
4. Introduce students to statistical concepts and statistical analysis

**Learning Outcomes**

**A. Knowledge - Theoretical Understanding**

A1 :Learn the basics of scientific research and the characteristics of the scientific method and its limitations in the administrative field

B1 Identify the role of scientific research in solving the problems of organizations

**B. Knowledge - Practical Application**

Preparing a research plan in the field of specialization

**C. Skills - Generic Problem Solving and Analytical Skills**

The ability to conduct scientific research in the organizations in which he works

**D. Skills - Communication, ICT, and Numeracy**

The ability to use statistical analysis programs

**E. Competence: Autonomy, Responsibility, and Context**

<b>Teaching and Learning Methods</b>
View the material and explain it in detail
<b>Assessment Methods</b>
<b>Students' application of scientific research stages</b>

<b>Course Contents</b>					
<b>Week</b>	<b>Hours</b>	<b>CLOs</b>	<b>Topics</b>	<b>Teaching &amp; Learning Methods</b>	<b>Assessment Methods</b>
1.	3		Introduction to scientific research	An explanation from the professor	Group discussion and individual
2.	3		scientific method	An explanation from the professor	Group discussion and individual
3.	3		Scientific Research Steps (Research Problem)	An explanation from the professor	Group discussion and individual
4.	3		Scientific research steps (literature review)	An explanation from the professor	Group discussion and individual
5.	3		Scientific research steps (variables, theoretical framework and hypothesis development)	An explanation from the professor	Group discussion and individual
6.	3		Research Design	An explanation from the professor	Group discussion and individual
7.	3		Data collection sources	An explanation from the professor	Group discussion and individual
8.	3		Mid exam	An explanation from the professor	Group discussion and individual
9.	3		Samples	An explanation from the professor	Group discussion and

					individual
10.	3		Documentation	An explanation from the professor	Group discussion and individual
11.	3		Scales	An explanation from the professor	Group discussion and individual
12.	3		(Descriptive statistics)	An explanation from the professor	Group discussion and individual
13.	3		Data analysis (quantitative statistics)	An explanation from the professor	Group discussion and individual
14.	3		Data analysis and hypothesis testing (quantitative statistics)	An explanation from the professor	Group discussion and individual
15.	3		Data analysis and hypothesis testing ((Results and recommendations	An explanation from the professor	Group discussion and individual
16.	3		research Discussion	An explanation from the professor	Group discussion and individual

Infrastructure	
<b>Textbook</b>	<b>Sekaran , Uma and Bougie ,Roger (2016) Research Methods for Business A Skill-Building Approach, 7th ed, John Wiley &amp; Sons Ltd</b>
<b>References</b>	
<b>Required reading</b>	
<b>Electronic materials</b>	
<b>Other</b>	

Course Assessment Plan					
Assessment Method	Grade	CLOs			
First (Midterm)	30				

<b>Second (if applicable)</b>						
<b>Final Exam</b>		40				
<b>Coursework</b>		30				
<b>Coursework assessment methods</b>	Assignments					
	Case study					
	Discussion and interaction					
	Group work activities					
	Lab tests and assignments					
	Presentations					
	Quizzes					
<b>Total</b>		100				

### **Plagiarism**

Plagiarism is claiming that someone else's work is your own. The department has a strict policy regarding plagiarism and, if plagiarism is indeed discovered, this policy will be applied. Note that punishments apply also to anyone assisting another to commit plagiarism (for example by knowingly allowing someone to copy your code).

Plagiarism is different from group work in which a number of individuals share ideas on how to carry out the coursework. You are strongly encouraged to work in small groups, and you will certainly not be penalized for doing so. This means that you may work together on the program. What is important is that you have a full understanding of all aspects of the completed program. In order to allow proper assessment that this is indeed the case, you must adhere strictly to the course work requirements as outlined above and detailed in the coursework problem description. These requirements are in place to encourage individual understanding, facilitate individual assessment, and deter plagiarism.