



Philadelphia University
Faculty of Administrative & Financial Sciences
Department of Banking & Finance

<u>Course Syllabus</u>	
Course title: Research Methods	Course code: 0320108
Course level: Faculty Requirement	Course prerequisite (s) and/or corequisite (s): None
Lecture time: 11:15 – 12:45	Credit hours: 3 hours

<u>Academic Staff Specific</u>				
Name	Rank	Office number	Office hours	E-mail address
Dr. Mohammad Al-Smadi	Assistant Professor	31215	11:00 – 12:00 9:45 – 11:00	m.alsmadi@philadelphia.edu.jo

❖ **Course module description:**

This course covers the methodology of scientific research conditions and its requirements and types of basic steps to write a scientific research and methods of sampling and methods of data collection. In addition, it explores the types of scales used and statistical analysis of the measures of central tendency, dispersion, correlation and regression. This course also explains the ways of reporting of scientific research and clarifies the references instructions.

❖ **Course module objectives:**

Upon completion of the course, the students are expected to:

- Define the scientific research and its requirements and conditions.
- State types of scientific research.
- Identify the steps of scientific research.
- Identify ways of sampling.
- Identify ways and means of data collection.
- Using statistical techniques.

- Writing reports of scientific research.
- Writing research references.

❖ Course/ module components

فوزي غرايبة، نعيم دهمش، ربحي الحسن، خالد عبد الله، هاني أبو جبارة، أساليب البحث العلمي في العلوم الإنسانية والاجتماعية، عمان، دار وائل للنشر، الطبعة السادسة، 2011.

❖ Teaching methods:

Lectures, discussion groups, tutorials, problem solving, debates, etc.

❖ Learning outcomes:

• Knowledge and understanding

Identify what it meant by scientific research, types, and stages.

• Cognitive skills

Use scientific methods in social studies.

Collect and analyze data.

Determine the research problem and goals.

Use data analysis methods.

• Communication skills

Use communication skills (discussion, observation, and interview)

Use internet in collecting data

• Practical and subject specific skills (transferable Skills)

Use technical presentation

Analyze administrative problems

Use quantitative methods in scientific research

❖ Assessment instruments

- Short reports and/ or presentations, and/ or Short research projects
- Quizzes.
- Homework
- First, second and Final examination.

Allocation of Marks	
Assessment Instrument	Mark
First examination	20
Second examination	20
Final examination	40
Reports, research projects, quizzes, homework, Projects	20
Total	100

❖ **Documentation and academic honesty**

- Documentation and academic honesty
- Documentation style (with illustrative examples)
- Protection by copyright
- Avoiding plagiarism.

❖ **Course/module academic calendar**

Week	Basic and support material to be covered	Homework /reports
1	<ul style="list-style-type: none">• Distribution of syllabus.	
2	<ul style="list-style-type: none">• Introduction to scientific research	
3	<ul style="list-style-type: none">• Scientific method in writing research	
4	<ul style="list-style-type: none">• Stages of writing scientific research	Quiz 1
5	<ul style="list-style-type: none">• Research Design	
6	<ul style="list-style-type: none">• Sources of data and sampling	First exam
7	<ul style="list-style-type: none">• Collecting data (Interview)	
8	<ul style="list-style-type: none">• Collecting data	
9	<ul style="list-style-type: none">• Collecting data (Questionnaire)	
10	<ul style="list-style-type: none">• Ways of viewing data	Quiz 2
11	<ul style="list-style-type: none">• Statistical data analysis (Descriptive statistics)	
12	<ul style="list-style-type: none">• Statistical data analysis (Regression analysis)	Second exam
13	<ul style="list-style-type: none">• Statistical data analysis (hypotheses testing)	
14	<ul style="list-style-type: none">• Writing report of the research	
15	<ul style="list-style-type: none">• Presentations	
16	<ul style="list-style-type: none">• Final exams	Final Exam

❖ **Expected workload:**

On average students need to spend 2 hours of study and preparation for each 50-minute lecture/tutorial.

❖ **Attendance policy:**

Absence from lectures and/or tutorials shall not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant college/faculty shall not be allowed to take the final examination and shall receive a mark of zero for the course. If the excuse is approved by the Dean, the student shall be considered to have withdrawn from the course.

❖ **Module references**

Books

فوزي غرايبة، نعيم دهمش، ربحي الحسن، خالد عبد الله، هاني أبو جبارة، أساليب البحث العلمي في العلوم الإنسانية والاجتماعية، عمان، دار وائل للنشر، الطبعة السادسة، 2011.

Data Bases

- EBSCO
- Science Direct
- E-Marefa