

Course Description Form

Course Name:
Scientific Research Methods
Course Code: م 1442 هـج
.
First Semester / Year 2025/2026
Date of Publication of this Description:
2025/9/15
Available Attendance Forms:
Came
Number of Hours (Total) / Number of Units (Total):
2 Hours / 30 Hours
Name of the course administrator
Name: Assoc. Prof. Dr. Nidal Abdullah Yassin Al-Maliki Email: dr.nidhal.al.maliki@uowa.edu.iq

Course Objectives					
<p>Introduce the student to the basic concepts of scientific research, its characteristics, and its importance in the advancement of human thought. Providing the student with the necessary skills to apply the methodological steps to prepare an integrated scientific research, starting from identifying the problem and ending with writing the results.</p> <p>Enable the student to distinguish between different types and methods of scientific research and choose the appropriate curriculum for a specific research problem.</p> <p>Training the student to write a short and applied scientific research, while adhering to the technical and material foundations of writing research. Developing the student's critical and analytical thinking skills and qualifying him to discuss and defend research.</p>			Course Objectives		
Teaching and Learning Strategies					
<p>Theoretical lectures to explain concepts and methodological steps. Class discussions and brainstorming to develop research ideas. Hands-on workshops to train on each step of research preparation. A research project (short research) that the student prepares during the semester.</p>				Strategy	
Course Structure					
Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Hours	Week
Daily exams	Lecture + Discussion	Introduction, Concept and Characteristics of Scientific Research, Motives for Conducting Research.	Understand the nature and importance of scientific research.	4	1-2

Participation and Attendance	Lecture + Discussion	Characteristics of the researcher and	Identify the basic characteristics of	2	3
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		the requirements of good research.	a successful researcher.		
First month exam	Lecture + Examples	Types, Methods, and Classifications of Scientific Research.	Distinguish between different types and methods of scientific research.	4	4-5
Student Activity	Lecture + Workshop	Steps to prepare the research (identifying the problem, formulating hypotheses, previous studies).	Apply the first steps to prepare your research plan.	6	6-8
Daily exams	Lecture + Practical Training	Steps to prepare the research (continued) (theoretical framework, research methodology).	Understand how to build the theoretical and practical framework of research.	4	9-10
Participation and Attendance	Lecture + Examples	The final form of the research, the language and style of the research.	Mastering the research writing in the final required form.	2	11
Second Month Exam	Lecture + Practical Training	The physical and technical form of the research (footnotes, documentation, references).	Commitment to the technical and material standards of the research.	2	12

Student Activity	Workshop + Simulation	Research discussion.	Acquire skills to present and discuss research results.	2	13
Participation and Attendance	Lecture + Office Visit	Information Resources in Libraries.	Learn how to access trusted sources.	2	14
final exam	Writing/Attendance	Final exam.	A comprehensive assessment of the student's understanding of the scientific research methodology.	2	15
Course Evaluation					
Distribution of the score out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, and written exams, and reports..... etc					
A. Daily, surprise and oral exams: 10 marks					
B. Student Activities (Reports, Research, Participation): 10 marks					
c. Monthly exam (two months): 30 marks					
d. Final Exam: 50 marks					
Total = 100 Points					
Learning and Teaching Resources					
Scientific Research Methods (Third Edition) - Prof. Dr. Mohamed Sarhan Ali Al-Mahmoudi			Required Textbooks		
2. Fundamentals of Scientific Research (First Edition) - Dr. Munther Abdel Hamid Al-Damen.					
أ.م. د. هبة الله مصطفى السيد			اسم رئيس القسم		
			توقيعه		
2025/ /			التاريخ		



جامعة وارث الأنبياء (ع)
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قسم المحاسبة