

Course description template

1. Course Name	
Library and research methodology	
2. Course code	
OS-32-03	
3. Semester/Year	
Second semester / Third stage / Academic year 2025–2026	
4. Date this description was prepared	
15/2/2026	
5. Available forms of attendance	
Morning - Evening	
6. Number of study hours (total) / Number of units (total)	
30 hours	
7. Name of the course coordinator (if there is more than one, please mention it).	
Name: Mahdi Ahmed Khudair Email: mahhdy81@gmail.com	
8. Course objectives	
Cognitive objectives The student will be able to: 1– Training students to create an academic research plan 2– Students learn about the requirements of scientific research. 3– Students differentiate between sources and references 4– Students learn about the tools and methods used to gather information when writing their research papers. Skill objectives The student will be able to: 1– It is considered a systematic academic scientific research. 2– Scientific research skills 3– The skill of documenting sources and references	Course objectives Students were introduced to library science. Enriching students with information about the importance of the library Students learned about the methods of scientific research methodology. Preparing students to write graduation research papers Training students on the steps of writing scientific research

4- He actively participates in scientific discussions and... Value-based objectives The student will be able to: 1- Breaking down the barrier of fear and preparing students to be qualified For writing scientific research, diversity and difference are respected. In scientific opinions within..... 2- He contributes to community, cultural, scientific activities through his writings. 3- Increasing students' self-confidence preparing scientific research papers	
9. Teaching and learning strategies	
Teaching and learning strategies 1- brainstorming method 2- Giving lectures and discussions 3- Electronic presentation methods and PowerPoint slides 4 note: The following strategies can be mentioned depending on the subject ● Using interactive lectures To present research models while engaging students in discussion and stimulating questions. ● employment blended learning By combining classroom lectures with online activities or content, digital lectures, virtual discussions, and online tests. ● Guiding students to read primary sources From books on scientific research methodologies, and their analysis within study assignments to promote in-depth understanding. ● Assigning students presentations It covers selected topics from the scientific research methodology, which develops skills in summarizing, explaining, and communicating. ● Implementing practical workshops In how to use sources and references, which allows for the practice of research and applied skills. ● Promoting collaborative learning through research projects, to develop dialogue and teamwork skills.	strategy

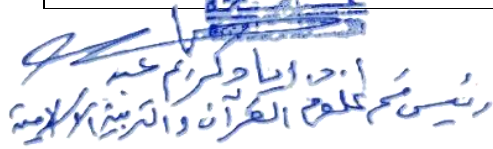
• Assigning students individual or group research projects on topics of scientific methodology and academic documentation. • Training students in analytical and writing exercises that require deriving concepts and meanings and linking them to reality. • Conducting discussions Based on sound scientific principles.	
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10. Course structure

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Written and oral test	Lecture and screen presentation	Introduction to the library and scientific research methodology	Definition: (Research, Researcher, Methodology, Research Objectives) Types of Research	2	1
Written and oral test	Lecture and screen presentation	The aim of studying scientific research methodologies	The moral virtues of the researcher, the researcher's qualifications, and the steps involved in preparing the research.	2	2
Written and oral test	Lecture and screen presentation	Classification of scientific research	Choosing a topic, Supervising professor plan, Documenting sources and references	2	3

Written and oral test	Lecture and screen presentation	Ethics of scientific research	The difference between a source and a reference, methods of documenting sources and references	2	4
Written and oral test	Lecture and screen presentation	Conditions for scientific research	Defining a footnote, what a footnote covers, how to write a footnote, gathering information	2	5
Written and oral test	Lecture and screen presentation	Steps of scientific research	Reading style	2	6
Written and oral test	Lecture and screen presentation	Conditions for selecting and defining a research problem	Writing using the card, the bibliographic dimension of research	2	7
Written and oral test	Lecture and screen presentation	Proposed research plan and research steps	Libraries and how to benefit from them; definition of library and its importance	2	8
Written and oral test	Lecture and screen presentation	Steps, tools, and methods for collecting data	Sources, references, and methods of documentation	2	9
Written and oral test	Lecture and screen presentation	Sources and references for the research	University Library and Cataloging of Resources	2	10
Written and oral test	Lecture and screen presentation	How to write sources and references in research	Electronic Library and Information Technology	2	11
Written and oral test	Lecture and screen presentation	Library and research methodology	Research in its final form: The pillars of scientific research	2	12

					13
					14
					15
11. Course evaluation					
The grade out of 100 is distributed according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, and written exams, reports, etc.					
12. Learning and teaching resources					
1- Research Methodology and Libraries Dr. Iyad Karim Al-Salahi 2- Library and Research, Dr. Hashmat Qasim		Required textbooks (methodology, if applicable)			
1- The Methodology of Literature Research, Dr. Ali Jawad Al-Taher 2. Library and Research, Dr. Hatem Saleh Al-Dhamin 3. Library and Research, Sa Makki Al-Ani		Main references (sources)			
1. How to write a research paper thesis, Ahmed Shibli 2 3 4		Recommended supporting books and references (scientific journals, reports...)			
1- Fil 2- Al-Nor Electronic Library 3. The 4- Ahlulbait Electronic Library		Electronic references, websites			


Department Head's Approval


College Dean's Approval