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| **Course Lecturer** | Mahmood Jasim Mohammed  |
| **e-mail** | Mahmood.jasim@sa-uc.edu.iq |
| **Subject** | Research methodology  |
| **Course Coordinator** | First (4) |
| **Course Objectives** | Teaching the student how to prepare research and deal with different types of scientific research problems |
| **Course Descriptions** | Teaching the student the cognitive skill about the contents of the scientific research curricula, and the most important methods used in its application. |
| **Textbooks** |  |
| **References** | Scientific Research Methods / Prof. Dr. Muhammad Sarhan Ali Al Mahmoudi 2019Scientific Research Methods / Dr. Ribhi Mustafa Alyan 2001 |
| **Course Assessment** | **Lap** | **Quizzes and Attendance** | **Project** | **Term Exam** | **Final Exam** |
| - | 20% | - | 20% | 60% |
| **General Notes** |  |

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| **Week** | **Date** | **Number of Hours** | **Topics Covered** | **Notes** |
| **1** | **21/9/2024** | **2** | **Understand the concept and nature of scientific research** |  |
| **2** | **28//9/2024** | **2** | **Types of scientific research and research problems in the social and human sciences** |  |
| **3** | **5/10/2024** | **2** | **Methods and methods of scientific research** |  |
| **4** | **12/10/2024** | **2** | **Descriptive research** |  |
| **5** | **19/10/2024** | **2** | **Experimental research** |  |
| **6** | **26/10/2024** | **2** | **Historical research** |  |
| **7** | **2/11/2024** | **2** | **research problem** |  |
| **8** | **9/11/2024** | **2** | **formulation of hypotheses** |  |
| **9** | **16/11/2024** | **2** | **Methods and tools for collecting information for scientific research purposes** |  |
| **10** | **23/11/2024** | **2** | **Interview** |  |
| **11** | **30/11/2024** | **2** | **Observation** |  |
| **12** | **7/12/2024**  | **2** | **Questionnaire** |  |
| **13** | **14/12/2024** | **2** | **Samples****Types of samples** |  |
| **14** | **21/12/2024** | **2** | **Statistics in scientific research** |  |
| **15** |  | **2** | **Final Exam** |  |