

Course Description Form

1. Course Name	
Scientific Research / Third Stage	
2. Course Code	
SESS26F3031/SESS26G3031	
3. Semester/Year	
2025-2026	
4. Date of preparation of this description	
February/ 2026	
5. Available Attendance Forms	
In-person/theoretical	
6. Number of credit hours (total) / number of units (total)	
2 hours per week / 4 units	
7. Course administrator's name (if more than one name is mentioned)	
Prof. Dr. Thilam Younis Alawi, Prof. Dr. Omar Samir Dhnoon Asst Prof. Dr. Mohammed Khairuldeen saleh	thelamalwea@uomosul.edu.iq omarhamoo79@uomosul.edu.iq Mohmedkh@uomosul.edu.iq
8. Course Objectives	
Course Objectives	A- Cognitive objectives A1- At the end of the course, students should be able to state the concepts related to scientific research methods. A2- At the end of the course, students should be able to state the characteristics of research method concepts. A3- At the end of the course, students should be able to list the advantages of research method concepts. A4- At the end of the course, students should be able to draw a diagram of the concepts of the research methods course. B - Course specific skill objectives for1- At the end of the course, students should be able to use the basic skills of research methods. for2 - At the end of the course, students should be able to understand the difficulty levels of educational skills. for3- At the end of the course, students should be able to coC- Emotional

and value goals

C1– The curriculum should develop the spirit of perseverance among students.

C2– The curriculum should develop the spirit of cooperation among students.

C3– The curriculum should develop national values among students.

C4– The curriculum should develop moral values among students.

complete a graduation research project.

9. Teaching and learning strategies

Strategy

1– Guidance programs

2– Academic workshops

3– Specialized courses

10–Course structure:

week	Hours	Required learning outcomes	Unit name/topic	Teaching method	Evaluation method
1	2 hours	Knowledge and science, sources of obtaining them, and the characteristics of a good researcher	Chapter One / Research Methods	Lecture	Group evaluation
2	2 hours	Research methodology and its chapters	Chapter One / Research Methods	Lecture	Group evaluation
3	2 hours	Research problem and hypotheses	Chapter One / Research Methods	Advanced Lecture	Group evaluation
4	2 hours	Research definition	Chapter One / Research Methods	Advanced Lecture	Group evaluation
5	2 hours	Theoretical Framework and Writing Previous Studies /	Chapter One / Research Methods	Lecture Blended	Group evaluation

6	2 hours	How to Write Sources	Chapter One / Research Methods	learning	
7	2 hours	Samples and community			Group evaluation
8	2 hours	Research Procedures and Exploratory Experiments / Research Methods... The Descriptive Approach with its Methods	Chapter One / Research Methods	Advanced Lecture	Group evaluation
9	2 hours		Chapter One / Research Methods		
10	2 hours	Experimental approach Completion of the experimental method	Chapter One / Research Methods	Blended learning	Individual assessment
11	2 hours		Chapter One / Research Methods		
12	2 hours	Historical approach Research tools: pen and paper measurements	Chapter One / Research Methods	Lecture	Group evaluation
13	2 hours		Chapter One / Research Methods		
14	2 hours	Questionnaire and observation	Chapter One / Research Methods	Blended learning	Individual assessment
15	2 hours	Midterm exams / first semester (25 degrees)			

Mid-year holiday

16	2 hours	The interview	Chapter Two / Evaluation	Lecture	Group evaluation
17	2 hours	Lookup tables and how to design them	Chapter Two / Evaluation	Advanced Lecture	Group evaluation
18	2 hours	How to present and discuss results	Chapter Two / Evaluation	Advanced Lecture	Group evaluation
19	2 hours	How to derive variables and statistics and identify the type of research from the title	Chapter Two / Evaluation	Advanced Lecture	Group evaluation
20	2 hours	Writing goals and assignments	Chapter Two / Evaluation	Advanced Lecture	Group evaluation
21	2 hours	Choosing the theoretical material	Chapter Two / Evaluation	Advanced Lecture	Individual assessment
22	2	Applications in writing	Chapter Two /	Lecture	Individual

	hours	procedures	Research Methods		assessment
23	2 hours	Analysis of some published research models	Chapter Two / Research Methods	Blended learning	Individual assessment
24	2 hours	Assigning students research applications and how to do them			Group evaluation
25	2 hours	Explanation of research application models	Chapter Three / Research Methods	Blended learning	Individual assessment
26	2 hours	Discussing the application tasks with students	Chapter Three / Research Methods	Blended learning	Individual assessment
27	2 hours	Discussing the application tasks with students	Chapter Three / Research Methods	Lecture	Group evaluation
28	2 hours	Discussing the application tasks with students	Chapter Three / Test	Lecture	Group evaluation
29	2 hours	A practical mock exam for writing some research procedures			
30	2 hours	Midterm exams / second semester (25 degrees) Chapter Four / Administration and Organization			

11. Course Evaluation

The grade is distributed as follows:

1. The first semester exam is worth (25) degree and is divided into:
2. The second semester exam is worth (25) degree and is divided into:
3. The final exam is worth (50) degree

12. Learning and Teaching Resources

Required textbooks (methodology, if any)	
Key references (sources)	– Scientific Research Methods in Physical Education and Sports Sciences Booklet / Third Stage (Prof. Dr. Thilam Younis Alawi, Prof. Dr. Omar Samir Dhanoun)

Recommended supporting books and references (scientific journals, reports...)	Scientific research methods, Dhuqan Obaidat and others
Electronic references, websites	

Name and signature of the course holder

Prof. Dr. Thilam Younis Alawi

Prof. Dr. Omar Samir Dhnoon

Asst. Prof. Dr. Mohammed Khairuldeen saleh



Name and signature of the head of the department or branch

Prof. Dr. Nawfal Fadel Rashid

