

## Course Description Form

<b>1. Course Name</b>	
Scientific Research / Third Stage	
<b>2. Course Code</b>	
SESS25F3031/SESS25G3031	
<b>3. Semester/Year</b>	
2024-2025	
<b>4. Date of preparation of this description</b>	
3 / 6 / 2025	
<b>5. Available Attendance Forms</b>	
In-person/theoretical	
<b>6. Number of credit hours (total) / number of units (total)</b>	
2 hours per week / 4 units	
<b>7. Course administrator's name (if more than one name is mentioned)</b>	
Prof. Dr. Thilam Younis Alawi,      Prof. Dr. Omar Samir Dhnoon	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	<p>A= Cognitive objectives</p> <p>A1- At the end of the course, students should be able to state the concepts related to scientific research methods.</p> <p>A2- At the end of the course, students should be able to state the characteristics of research method concepts.</p> <p>A3- At the end of the course, students should be able to list the advantages of research method concepts.</p> <p>A4- At the end of the course, students should be able to draw a diagram of the concepts of the research methods course.</p> <p>B – Course specific skill objectives</p> <p>for1- At the end of the course, students should be able to use the basic skills of research methods.</p>

	<p>for2 – At the end of the course, students should be able to understand the difficulty levels of educational skills.</p> <p>for3– At the end of the course, students should be able to coC– Emotional and value goals</p> <p>C1– The curriculum should develop the spirit of perseverance among students.</p> <p>C2= The curriculum should develop the spirit of cooperation among students.</p> <p>C3– The curriculum should develop national values among students.</p> <p>C4– The curriculum should develop moral values among students.</p> <p>mplete a graduation research project.</p>
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#### 9. Teaching and learning strategies

Strategy	<p>1= Guidance programs</p> <p>2– Academic workshops</p> <p>3– Specialized courses</p>
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#### 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		Chapter One / Research Methods	Lecture	Group evaluation

6	2 hours	Theoretical Framework and Writing Previous Studies / How to Write Sources	Chapter One / Research Methods	Blended learning	
7	2 hours	Samples and community			Group evaluation
8	2 hours	Research Procedures and Exploratory Experiments / Research Methods... The	Chapter One / Research Methods	Advanced Lecture	Group evaluation
9	2 hours	Descriptive Approach with its Methods	Chapter One / Research Methods		
10	2 hours	Experimental approach	Chapter One / Research Methods	Blended learning	Individual assessment
11	2 hours	Completion of the experimental method	Chapter One / Research Methods		
12	2 hours	Historical approach	Chapter One / Research Methods	Lecture	Group evaluation
13	2 hours	Research tools: pen and paper measurements	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 hours	Applications in writing procedures	Chapter Two / Research Methods	Lecture	Individual 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

<b>Required textbooks (methodology, if any)</b>	
<b>Key references (sources)</b>	- Scientific Research Methods in Physical Education and Sports Sciences Booklet / Third Stage (Prof. Dr. Thilam Younis Alawi, Prof. Dr. Omar Samir Dhanoun)
<b>Recommended supporting books and</b>	Scientific research methods, Dhuqan Obaidat and others

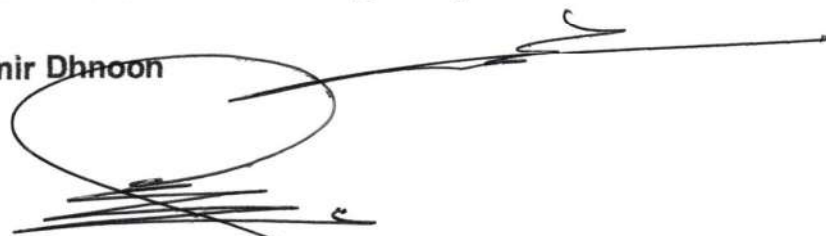
references (scientific journals, reports...)	
Electronic references, websites	

**Name and signature of the course holder**

**Prof. Dr. Thilam Younis Alawi**



**Prof. Dr. Omar Samir Dhaoun**



**Name and signature of the head of the department or branch**

**Prof. Dr. Ali Hussein Mohammed**

