

Course Description Form

1. Course Name:	
Seminar	
2. Course Code:	
SEM404	
3. Semester / Year:	
First semester 2023-2024 / Fourth Stage	
4. Description Preparation Date:	
1-2-2024	
5. Available Attendance Forms:	
Physical	
6. Number of Credit Hours (Total) / Number of Units (Total)	
1 hour and 15 weeks, so the total number of hours is 15 hours / 1 unit	
7. Course administrator's name (mention all, if more than one name)	
Name of Lecturer: Dr. Rafea Abdulsattar Mohammed Email: rafea-machine@uomosul.edu.iq	
8. Course Objectives	
Course Objectives for theory part	
<ul style="list-style-type: none"> •The student realizes the importance of scientific research •To be able to conduct and implement scientific research •To be able to write, arrange, and produce research in an academic manner •To be able to analyze data, prepare results, and present them in a scientific manner • To possess self-confidence, the ability to conduct calm dialogue, and had expert of the persuasion art 	
9. Teaching and Learning Strategies	
Strategy of theory part	<ul style="list-style-type: none"> - Effective lectures - Brainstorming - Dialogue and discussion - Assigning tasks and - Conduct a seminar

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	1 theoretical	a1: Getting to know the concepts of the seminar to develop the student's ability to scientific presentation of any scientific topic	The concept and basics of the seminar	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
2	1 theoretical	a2: What is the concept of scientific research and its goals?	Scientific research and its goals	Interactive lecture, brainstorming, dialogue and	Discussions and short quiz

				discussion, self-learning	
3	1 theoretical	a1: What is the problem or research question and realizes the importance of defining the problem and the goal of defining it	Research problem, importance Research and research objectives	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
4	1 theoretical	c2: Realizes the importance of hypotheses in scientific research and organizes the hypotheses for the episode accordingly	Research hypothesis and its characteristics	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
5	1 theoretical	a2: Learn about the methodology of scientific research c2: The seminar's methodology is organized according to the scientific method	Scientific research methodology	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
6	1 theoretical	a1: Learn about the types of research according to academic classifications c2: The loop is organized accordingly	Types of scientific research	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
7	1 theoretical	a1: Identify data, its types, and tools and methods for collecting and arranging data	Tools and methods for collecting data	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
8	1 theoretical	a2: Identifying and knowing the specifications of good research, which will determine the specifications of a good researcher	Specifications of a successful scientific researcher	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
9	1 theoretical	c1: Organize data b2: Practice collecting data and putting it into tables or templates	The sample, its collection, and the steps for selecting the sample	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
10	1 theoretical	a1: Identify methods of tabulating that collected data c4: Analyze the data using a statistical program	Data classification and tabulation methods	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
11	1 theoretical	c2: Organizing tables, figures and appendices	Tables, figures and appendices	Interactive lecture, brainstorming, dialogue and	Discussions and short quiz

				discussion, self-learning	
12	1 theoretical	c2: Organizing and writing sources according to international classifications of writing	How to write sources	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
13	1 theoretical	c2: Arranging sources according to templates or indexing forms	Indexing of sources	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
14	1 theoretical	b2: Practice using the computer d2: Create a slideshow presentation file using the computer	Knowledge of using slide show software on the computer	Interactive lecture, brainstorming, dialogue and discussion, self-learning	Discussions and short quiz
15	1 theoretical	e3: Realizing the importance of self-confidence, calm dialogue, and the art of persuasion when delivering and discussing the seminar	Seminar presentation on PPT presentation software for slide show	Use an interactive display, smart board, or slide and media projector (Datashow)	A 20-minute seminar test with 40 minutes of student discussion

11. Course Evaluation			
Evaluation Method	Evaluation Date	Evaluation Degree %	Evaluation Weight %
Quiz	Weeks 2-14	40	40
An evaluation form for five professors from the department attending the seminar	Week 14-15	60	60
total	After week 15	100	100

12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	----
Main references (sources)	Kumar, Ranjit (2011) –Research Methodology A Step-by-Step, Chennai, India Stapleton, Paul Stapleton; Anthony Youdeowei; Joy Mukanyange and Helen van Houten (1995) Scientific writing for

	West Africa Rice Development Association
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	Google scholar, Research Gate, Academia, Research Academy

Senior Lecturer
Dr. Rafea Abdulsattar Mohammed

Chairman of the Scientific Committee

Dr. Arkan M.A



 Head of Agricultural Machines and Equipment

الكائن والالات الزراعية
 الاستاذ المساعد
 نوافل عيسى محييدين