Course Description Form

1. Course Name:
Seminar
2. Course Code:
SEMN404
3. Semester / Year:
Second Course 2024-2025
4. Description Preparation Date:
01-02-2025
5. Available Attendance Forms:
Attendance + Online
6. Number of Credit Hours (Total) / Number of Units (Total)
15 hours / 1 unit
7. Course administrator's name (mention all, if more than one name)
Letcher: Dr. Mohammed Hussin Ahmed Al-Mola Email: dr.mohammedalmola@uomosul.edu.iq
8. Course Objectives
Course Objectives for theory part
1. The students realize the importance of scientific research 2. To be able to conduct and implement scientific research 3. To be able to write, arrange, and produce research in an academic manner 4. To be able to analyze data, prepare results, and present them in a scientific manner 5. 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	- Effective lectures - Brainstorming - Dialogue and discussion - Assigning tasks and - Conduct a seminar

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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.	Discussions and brainstorming

2	1/ Theoretical	a2: What is the concept of scientific research and its goals?	Scientific research and its goals	Interactive lecture, brainstorming, dialogue and discussion.	Discussions and brainstorming
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.	Discussions and brainstorming
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	Dialogue and discussion.	Discussions and brainstorming
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	Dialogue and discussion.	Discussions and brainstorming
6	1/ Theoretical	a1: Learn about the types of research according to academic classifications c2: The loop is organized accordingly	Types of scientific research	Dialogue and discussion.	Discussions and brainstorming
7	1/ Theoretical	a1: Identify data, its types, and tools and methods for collecting and arranging data	Tools and methods for collecting data	Dialogue and discussion.	Discussions and brainstorming
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	Dialogue and discussion.	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	Dialogue and discussion.	Discussions and brainstorming
10	1/ Theoretical	a1: Identify methods of tabulating that collected data c4: Analyze the data using a statistical program	Data classification and tabulation methods	Dialogue and discussion.	Discussions and brainstorming
11	1/ Theoretical	c2: Organizing tables, figures and appendices	Tables, figures and appendices	Dialogue and discussion.	Discussions and brainstorming
12	1/ Theoretical	c2: Organizing and writing sources according to international classifications of writing	How to write sources	Dialogue and discussion.	Discussions and brainstorming
13	1/ Theoretical	c2: Arranging sources according to templates or indexing forms	Indexing of sources	Dialogue and discussion.	Discussions and brainstorming
14	1/ Theoretical	b2: Practice using the computer	Knowledge of using slide show software on the computer	Interactive lecture, brainstorming,	Discussions and short quiz

		d2: Create a slideshow presentation file using the computer		dialogue and discussion, self-learning	
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	Use an interactive display, smart board, or (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 Youde Wei; Joy Mokonyane and Helen van Houten (1995) Scientific writing for Agricultural research, Published by the West Africa Rice Development Association
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	Google scholar, Research Gate, Academia, Research Academy

مدرس المادة

م. د. محمد حسين احمد المولى

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رئيس قسم المكائن وآلات الزراعية

أ. م. نوفل عيسى محيميد

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