



Kurdistan University of Medical Sciences

Educational Assistant
Center for Studies and Development of Medical Education
Curriculum planning unit

Combined course plan form (Attendance and absenteeism)

Name of unit: Advanced Research Method	Faculty: Nursing and Midwifery	Course: Medical Surgical Nursing
Degree: Masters	Number of theoretical unit :2	Number of practical unit :0.5
Academic year: 2025-2026	Lecturer: Dr. Seidi	Prerequisite or simultaneous course: None
Second semester	Class day: Saturday-Monday	Class time: 10-12

- Details of the responsible teacher:

First name	last name	degree	group	College/hospital	Phone number	Mobile Phone Number
Jamal	Seidi	Phd	Nursing	nursing and midwifery		+989183781006

- Jamal.seidi@yahoo.com

Objectives and introduction of the lesson

A: introduction of the lesson

In this lesson, the student will get to know the concepts, principles and different methods of research. The student will be able to help the research groups in preparing questionnaires, sampling, observing, interviewing and measuring in scientific research. The researcher will choose a problem from among the existing problems and will present a proposal with the appropriate research method.

In this lesson, students will get to know the research method in a virtual face-to-face hybrid method. Then, during the semester, with the help of the professor and in the form of group work, he will learn how to complete and write the proposed research plan. For this purpose, he will be able to solve problems in the form of practical work in groups and individually by referring to the professor and holding meetings. He will write a proposal. It is

also expected that the student will be able to criticize and judge well while familiarizing himself with the writing of various types of articles.

B: General objective

Familiarity with common research methods related to medical sciences

C: Specific objective

1- Cognitive:

At the end of this course, the student should be able to:

1. Define research.
2. Explain the meanings of research words.
3. Choose the topic of the research.
4. Explain the research problem well.
5. Explain the method of reviewing the texts related to the research.
6. Formulate the research objectives.
7. Research questions
8. State the hypotheses of the research.
9. Explain the types of research.
10. Define the research community.
11. Describe the sampling method and determine the research sample.
12. State the research environment.
13. Explain the method of data collection (questionnaire, observation, interview and measurement scales).
14. Explain the method of various research designs.
15. Explain the variables in terms of role and scale.
16. Sampling methods. to compare different research plans.
17. Explain the study control methods.
18. Explain how to secure internal and external validity of the research.
19. Explain how to secure the validity of the research.
20. State the ethical considerations in the research.

2- Psychomotor:

At the end of the course, the student should be able to write a proposal. Write a scientific-research article well. Criticize and judge research and scientific articles and proposals.

3- Attitudinal:

The student should be engaged in learning with interest and motivation during the course

Determining face-to-face lesson sessions

No	The title of the face-to-face meeting	Date of presentation	How to present	How to provide the necessary facilities
1	Concepts, principles and research design of quantitative studies compared to qualitative studies	29/11/2025	Group discussion/question and answer/reverse class	Laptop/video projector/whiteboard/internet
2	Choosing a research topic - statement of the problem	1/12/2025	Group discussion/question and answer/reverse class	Laptop/video projector/whiteboard/internet
3	The method of reviewing texts - the method of using sources	6/12/2025	Group discussion/question and answer/reverse class	Laptop/video projector/whiteboard/internet
4	Development of research objectives - assumptions and research questions	8/12/2025	Group discussion/question and answer/reverse class	Laptop/video projector/whiteboard/internet
5	Types of variables - the role of variables in research	13/12/2025	Group discussion/question and answer/reverse class	Laptop/video projector/whiteboard/internet
6	Variables measurement scales	15/12/2025	Group discussion/question and answer/reverse class	Laptop/video projector/whiteboard/internet
7	Data collection methods - data collection tools	20/12/2025	Group discussion/question and answer/reverse class	Laptop/video projector/whiteboard/internet
8	Research community - sampling methods - determination of sample size	22/12/2025	Group discussion/question and answer/reverse class	Laptop/video projector/whiteboard/internet

Determining non-attendance sessions

No	Anticipated non-attendance part		The reason for the possibility of absenteeism	The method of covering content in absentia
	The title	Date of presentation		
9	Principles of proposal writing	29/11/2025	Flip class-Blind learning	Offline teaching (podcast movie and teaching file - online teaching in the discussion room in the Navid system
10	Principles of proposal writing	1/12/2025	Flip class-Blind learning	Offline teaching (podcast movie and teaching file - online teaching in the discussion room in the Navid system
11	Principles of proposal writing	6/12/2025	Flip class-Blind learning	Offline teaching (podcast movie and teaching file - online teaching in the discussion room in the Navid system
12	Principles of proposal writing	8/12/2025	Flip class-Blind learning	Offline teaching (podcast movie and teaching file - online teaching in the discussion room in the Navid system
13	The principles of writing a completed research project report or a scientific article	13/12/2025	Flip class-Blind learning	Offline teaching (podcast movie and teaching file - online teaching in the discussion room in the Navid system
14	The principles of writing a completed research project report or a scientific article	15/12/2025	Flip class-Blind learning	Offline teaching (podcast movie and teaching file - online teaching in the discussion room in the Navid system
15	The principles of criting a completed research project report or a scientific article	20/12/2025	Flip class-Blind learning	Offline teaching (podcast movie and teaching file - online teaching in the discussion room in the Navid system
16	The principles of criting a completed research project report or a scientific article	22/12/2025	Flip class-Blind learning	Offline teaching (podcast movie and teaching file - online teaching in the discussion room in the Navid system

Study resources for students

Resources related to students' final exam (including books, articles, pamphlets, videos, slides or any other content) and resources for further study (resources for non-attendance meetings) along with the link to access them in the system

Book details including title, authors, translators, publications, year and time of publication	Pages and chapters specified for the test
<ul style="list-style-type: none"> Burns, N., Grove, S. K., & Gray, J. (2022). Understanding nursing research: building an evidence-based practice. 6th edition. St. Louis, Missouri: Elsevier. 	Concepts, principles and research design of and qualitative studies variables scaling- sampling- sample size -research design-validity and reliability-study control- ethic in research
<ul style="list-style-type: none"> Wood, Marilyn J. Basic steps in planning nursing research :from question to proposal/ Marilyn J. Wood, Janet C. Ross-Kerr.- 6th ed.- Sudbury, Mass.: Jones and Bartlett Publishers, c2006. 	Concepts, principles and research design of and qualitative studies variables scaling- sampling- sample size -research design-validity and reliability-study control- ethic in research
Polit, Denise F. Essentials of nursing research: methods, appraisal and Utilization. Cheryl Tatano Beek.- 6th ed.- Philadelphia: Lippincott Williams and Wilkins, 2006	Concepts, principles and research design of and qualitative studies variables scaling- sampling- sample size -research design-validity and reliability-study control- ethic in research
<ul style="list-style-type: none"> Houser, Janet, 1954-Clinical research in practice: a guide for the bedside scientist/ Janet Houser, Joanna Bokovoy. - Sudbury, Mass.: Jones and Bartlett, c2006. 	Concepts, principles and research design of and qualitative studies variables scaling
<ul style="list-style-type: none"> Polit, DF. Study guide to accompany nursing research, principles and methods, 6th edition, Cheryl Tatano Beck.- Philadelphia: Lippincott Williams & Wilkins, 2006. 	Concepts, principles and research design of and qualitative studies variables scaling- sampling- sample size -research design-validity and reliability-study control- ethic in research

Article details including title, authors, journal, year and publication number and pages	How students can access the article
Browne J, Coffey B, Cook K, Meiklejohn S, Palermo C. A guide to policy analysis as a research method. Health promotion international. 2019 Oct 1;34(5):1032-44.	https://scholar.google.com/scholar?q=+research+method&hl=en&as_sdt=0%2C16&as_ylo=2018&as_yhi=2024

Type of content*	Specifications including title and authors/ producers	Description (address in the system or link)
EBOOK	Walliman, N. (2021). Research Methods: The Basics (3rd ed.). Routledge. https://doi.org/10.4324/9781003141693	https://www.taylorfrancis.com/books/mono/10.4324/9781003141693/research-methods-nicholas-walliman

Self-examination, assignments, term-long and end-of-semester projects for students

•**Self-examination:** In this lesson, the students will critique the part of the proposal that was explained in the previous session as a group and report it to the professor in the next session.

•**Semester-long assignments:** Before each session, the student must have pre-reading based on the course and lesson plans so that he can participate in class activities in the form of questions and answers and group discussions. Also, during the semester, in the discussion room of the Navid system, they can answer or criticize the questions of the professor and other classmates.

•**Semester-long project:** students in small groups of maximum 2-3 people will choose a topic based on reviewing the texts and their interests and according to the field. Then based on the stages of proposal writing taught during the semester. Every week students will gradually complete the proposal. During the semester, students will solve their problems in face-to-face and online classes with the professor and in the group, and at the end; they will present a completed proposal to the professor.

Evaluation of students

How to evaluate the theoretical unit (one and a half theoretical unit:

A) Formative: active presence in class, answering assignments on time

b) Final: four-choice questions

c) Evaluation of the practical unit:

Evaluation of the proposal including the title, statement of the problem, goals, questions, assumptions and presuppositions of the research, literature review, variables and measurement scales, social research, criteria for entering and exiting samples, sampling and the method of determining the sample size, collection tool Data collection and data collection method, ethical considerations, correct citation style (Vancouver style(

d) How to calculate the grade including: class attendance and virtual activities during the semester: 2 practical exam marks: 6 final exam marks: 12 marks

z) End of semester exam time: according to the faculty exam schedule

✓ **Name and family name and signature of the teacher responsible for the course**
Dr.Jamal.Seidi