

Course Unit	Nursing Research Methodologies	Field of study	Nursing
Master in	Maternal Health Nursing and Obstetric	School	School of Health
Academic Year	2023/2024	Year of study	1
Type	Semestral	Semester	1
Level	2-1	ECTS credits	3.0
Code	5065-769-1106-00-23		
Workload (hours)	81	Contact hours	T 4 TP 10 PL 10 TC - S - E - OT 9 O -

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Teresa Isaltina Gomes Correia

### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Acquiring skills that allow the generation of new knowledge, developing the discipline/science of nursing, providing evidence for training, practicing, researching and management in nursing
2. Demonstrate knowledge needed to develop an environment conducive to decision-making and evidence-based practice
3. Identify the characteristics inherent to quantitative and qualitative methodologies
4. Reflect on the type of studies, techniques and data collection instruments according to the most suitable type of methodologies
5. Describing phases, activities, methods and techniques necessary to carry out research
6. Analysing the relevance and adequacy of different ways of communicating the results of a research
7. Reflecting on the ethical principles inherent in research
8. Evaluate scientific evidence

### Prerequisites

Before the course unit the learner is expected to be able to:  
Not applicable.

### Course contents

1. Quantitative and qualitative research methodologies. 2. Researching process: Project construction and research report. 3. Communication of research results. 4. Intellectual property, plagiarism and research ethics. 5. Evidence-based practice.

### Course contents (extended version)

1. General aspects of health research
2. Nursing research
3. Research process (quantitative)
  - conceptual phase
  - methodological phase
  - empirical phase
  - How to build a quantitative research design
4. Research process (qualitative)
  - Type of qualitative studies
  - Participants Data collection instruments Data processing in research
  - How to build a qualitative research design
5. Evidence-Based Practice
  - Rintegrative review, scoping review, systematic review and meta-analysis.
6. research ethics
  - Principles of ethics Declarations from Oviedo Helsinki Informed consent Project-ethics submission
7. Intellectual property and plagiarism
8. Communication of research results

### Recommended reading

1. Coutinho, C. P. (2019). Metodologia de Investigação em Ciências Sociais e Humanas: Teoria e Prática. 2a Edição: Almedina
2. Fortin, M. F., Vôté, J., & Filion, F. (2009). Fundamentos e etapas do processo de investigação. Loures: Lusodidacta
3. Maróco, J. (2018). Análise Estatística com o SPSS Statistics (7a ed. ). ReportNumber. Disponível em: www.reportnumber. pt/ae
4. Reis, E. , & Melo, P. (2016). Estatística Aplicada Vol. 2. (2a. Edição). Lisboa: Edições Sílabo
5. Vilelas, J. (2020). Investigação. O Processo de Construção do Conhecimento. 3a Edição. Ed. Sílabo

### Teaching and learning methods

Theoretical classes (4 hours): Exposition of concepts using selected images and texts. Practical theoretical classes (10 hours) Practical laboratory classes (10 hours): Development of the research project. Study oriented to the construction of the research project. Method used in tutorial classes (9) and as individual student work (non-face-to-face - 48 hours).

### Assessment methods

1. Preparation of a research project70%Discussion30% - (Regular, Student Worker) (Final)
2. Final Written Exam - 100% - (Regular, Student Worker) (Supplementary)

### Language of instruction

1. Portuguese
2. Spanish

### Electronic validation

Teresa Isaltina Gomes Correia	Ana Fernanda Ribeiro Azevedo	Hélder Jaime Fernandes	Adília Maria Pires da Silva Fernandes
15-02-2024	19-02-2024	19-02-2024	19-02-2024