

Course Unit	Research	Field of study	Nursing
Master in	Medical-Surgical Nursing caring for the person in critical stage	School	School of Health
Academic Year	2023/2024	Year of study	1
Type	Semestral	Semester	1
Level	2-1	ECTS credits	3.0
Code	5064-762-1106-00-23		
Workload (hours)	81	Contact hours	T - TP 15 PL - TC - S 5 E - OT - 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) Maria Augusta Romão da Veiga Branco

#### Learning outcomes and competences

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

1. Recognize the research methodologies: qualitative and quantitative - specification, selection criteria and practical application;
2. Recognize evidence-based practice – characteristics and relevance;
3. Develop the construction of Project and Research Report;
4. Communicate the research findings.

#### Prerequisites

Before the course unit the learner is expected to be able to:  
Not in application

#### Course contents

1. Research methodologies. 2. Evidence-based Practice. 3. The Construction of Research Process; 4. Communication of research results; 5. Evidence-Based Practice.

#### Course contents (extended version)

1. Research methodologies:
  - qualitative and quantitative – specification, selection criteria and practical application;
2. Evidence-based Practice – characteristics and relevance;
3. The Construction of Project and Research Report;
  - Elements and procedural steps in the development of the methodological rationale
4. Communication of research results;
  - Selection of publications and preparation of articles; Boolean operators;
  - The construction of text and reading of statistical analyzes.
5. Evidence-Based Practice -the pertinence of the construction of knowledge in nursing,
  - The recognition of empirical evidence,
  - The analysis and meta-cognition starting from scientific evidence

#### Recommended reading

1. Correia, A. & Mesquita, A. (2014). Mestrados e Doutoramentos – Estratégias para a elaboração de trabalhos científicos: O desafio da excelência (2ª Ed. ). Porto: Vida Económica.
2. Coutinho, C. P. (2023). Metodologias de Investigação em Ciências Sociais e Humanas: Teoria e Prática. 2ª Ed. Almedina. ISBN: 9789724051376
3. Marôco, J. (2021). Análise Estatística com o SPSS Statistics (8th ed. ). ReportNumber. ISBN: 9789899676374
4. Ribeiro, J. L. P. (2018). Metodologia de Investigação em Psicologia e Saúde. 2ª Edição. Legis Editora
5. Vilelas, J. (2020). Investigação. O Processo de Construção do Conhecimento. 3ª Edição. Edições Sílabo

#### Teaching and learning methods

Active Methodology Flipped classroom: - Lectures with request for participation and student work - Discussion of selected Scientific Articles

#### Assessment methods

1. Written and Oral Final Exam - (Regular, Student Worker) (Final, Supplementary)
  - Development Topics - 80% (Written component - Research Project, or Systematic Review or Literature Review.)
  - Work Discussion - 20% (Oral Presentation and Discussion of the work presented, in a face-to-face context.)
2. Written Exam - (Regular, Student Worker) (Supplementary, Special)
  - Final Written Exam - 100%

#### Language of instruction

Portuguese, with additional English support for foreign students.

#### Electronic validation

Maria Augusta Romão da Veiga Branco	Matilde Delmina da Silva Martins	Hélder Jaime Fernandes	Adília Maria Pires da Silva Fernandes
15-01-2024	22-01-2024	07-02-2024	07-02-2024