UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Metodologia della Ricerca

2526-2-I0101D012-I0101D041M

Aims

General Objective

By the end of the course, students will be able to:

Knowledge and Understanding
Understand the meaning, purpose, and foundations of nursing research, and recognize its role in advancing the discipline.

Applying Knowledge and Understanding
Describe and justify the role of the nurse as both a producer and user of scientific research within professional and academic communities.

Making Judgements
Develop critical awareness of the value of nursing research for clinical practice and of the importance of an evidence-based approach, through case analysis, active learning methodologies, and classroom exercises.

Communication Skills
Clearly and coherently communicate fundamental concepts of research and Evidence-Based Practice (EBP), including in group and interprofessional contexts, through classroom discussions and learning activities.

Learning Skills
Strengthen autonomous learning skills and the ability to critically use scientific literature through practical exercises and student-centered educational activities.

Specific Objectives

Knowledge and Understanding

- Identify general aspects of scientific research in healthcare and nursing.
- Describe the theoretical principles of Evidence-Based Practice (EBP) and its impact on care quality.
- Understand the fundamental elements of research methodology.
- Comprehend the basics of literature searching and the role of scientific evidence in nursing practice.

Applying Knowledge and Understanding

- Apply basic research concepts to simple clinical-care scenarios.
- Analyze scientific articles to identify relevant evidence for practice.
- Perform basic literature searches using reliable sources.
- Recognize the main types of research studies and their applicability to care settings.

Making Judgements

- Critically evaluate the role of research in building nursing knowledge.
- Reflect on the relationship between research data, clinical decisions, and quality improvement through case discussions and active learning strategies.

Communication Skills

- Effectively and clearly present key concepts of research and EBP.
- Actively participate in discussions on research fundamentals and strategies for integrating evidence into practice, including group-based exercises.
- Learning Skills
- Develop self-directed learning skills in accessing and interpreting scientific literature.
- Use evidence sources critically to support clinical decisions and theoretical insights, through guided classroom activities.*

Contents

To understand the meaning and purpose of research in nursing, describe the role of nurses in healthcare and nursing research.

Detailed program

Definition and relevance of research in healthcare. Fields of research in nursing. Nursing education and research skills. Quantitative, qualitative and mixed-methods research in nursing. The research process and Evidence Based Practice process. Main tools for data collection. Quantitative research designs and grading of the evidences. The different editorial products. Analysis of scientific publications. Critical reading of an scientific article (basic skills).

Prerequisites

Defined by the course regulation.

Teaching form

3 two-hour lessons delivered in face-to-face mode;
1 two-hour lesson conducted interactively in person (critical analysis of a research article.).

Textbook and teaching resource

Sironi C. (2010) Introduzione alla ricerca infermieristica. I fondamenti teorici e gli elementi di base per comprenderla nella realtà italiana, Milano: CEA; Casati M. (1999) Ricerca infermieristica e documentazione assistenziale. In: Casati M. La documentazione infermieristica, II ed., Milano: McGraw-Hill, pp.173-226.

Semester

2nd Year, 2nd Semester

Assessment method

See main course page.

Office hours

Agreed by e-mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY