



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Nursing and Midwifery Research

2526-1-K0101D004

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#### Aims

General aim of this course is to upgrade students' knowledge and skills focused on research and research outcomes assessment in nursing, midwifery and biomedicine national and international contexts. Students will be able to critically analyze the evolution of nursing and midwifery research in Italy, comparing it with those of other countries and underlining its relevance in the development of disciplinary knowledge and for care quality improvement.

Specifically:

#### **Knowledge and Understanding**

The student will know the fundamental principles of nursing, midwifery, and biomedical research at the national and international levels. Additionally, the student will understand the historical evolution and current trends in nursing, midwifery, and biomedical research, and will know the methods for critically appraising scientific evidence to improve care practices.

#### **Applied Knowledge and Understanding**

The student will be able to apply the acquired knowledge to utilize research tools, select and critically appraise studies and guidelines in the nursing, midwifery, and biomedical fields. Additionally, the student will be able to use research findings to propose improvements in the quality of nursing and midwifery care and will apply critical appraisal of the literature to reflect on disciplinary development.

#### **Independent Judgment**

The student will develop the ability to independently and critically evaluate the impact of nursing and midwifery research on the improvement of care quality. The student will be able to compare national and international scientific evidence to identify differences and strengths and formulate well-founded opinions on the evolution of nursing and midwifery disciplines based on scientific data.

#### **Communication Skills**

The student will be able to use appropriate language to clearly communicate the results of critical literature analysis to colleagues and multidisciplinary teams. Additionally, the student will be able to use scientific and technical

language correctly to present and discuss evidence and research findings. The student will actively participate in discussions and debates on disciplinary research with a critical and constructive approach.

### **Learning Skills**

The student will acquire the necessary skills to develop the ability to learn autonomously through the critical consultation of updated scientific sources. The student will consolidate a personal method for research and evidence appraisal to ensure continuous learning during professional practice. Additionally, the student will acquire the skills necessary to integrate the knowledge gained with practical experience to contribute to the development of the discipline and the improvement of care.

## **Contents**

To recognize the peculiar elements in nursing and midwifery research evolution in Italy. To identify problems leading to research question formulation looking at their own work experience and/or open problems in nursing and midwifery context. To know research process steps and to identify research designs in national and international literature. To write a research project with a special focus on literature review. To search, select and assess results of nursing and midwifery research in order to use them in clinical and professional environments. To understand the "Evidence" phenomenon in the cultural development of the health professions and to distinguish it from the research process.

## **Detailed program**

Research in the Italian nursing and midwifery regulations. Education levels in nursing and midwifery research. Research, nursing research, midwifery research and research methodology. Research process: a) from problem statement to research question/hypothesis; b) reviewing the literature (Literature Review and Systematic Review) c) main research designs and selection according to the study objectives; d) sampling techniques and data collection tools. Overview on the use of questionnaires; e) observation and interview. Reliability and validity concepts. The "Evidence" phenomenon. Ethical issues related to nursing and midwifery research. Writing a research project.

## **Prerequisites**

Defined by the Degree Regulation.

## **Teaching form**

22 lessons of 4 hours of lectures and exercises

## **Textbook and teaching resource**

Consiglio d'Europa (1998) Ricerca infermieristica. Rapporto e raccomandazioni. Professioni infermieristiche, 51 (1): 25-40; Chiari P., Mosci D., Naldi E., Centro Studi EBN (2011) Evidence based clinical practice. 2 ed. Milano: McGraw-Hill; Fain J.A. (2004) La ricerca infermieristica. Leggerla, comprenderla e applicarla. Milano: McGraw-Hill; Lo Biondo-Wood G., Haber J. (2004) Metodologia della ricerca infermieristica. 2 ed., Milano: McGraw-Hill; Polit D.F., Beck C.T. (2014) Fondamenti di ricerca infermieristica. 1 ed., Milano: McGraw-Hill; Sironi C. (2010) Introduzione alla ricerca infermieristica. I fondamenti teorici e gli elementi di base per comprenderla nella realtà italiana. Milano: Edizioni Cea; Rees C. (2011) Introduction to Research for Midwives, Churchill Livingstone Elsevier, 3 ed.; Siu C., Comerasamy H. (2013) Doing a Research Project in Nursing and Midwifery: a Basic Guide to Research using the Literature Review Methodology, Sage Publications Ltd.; Cluett E.R., Bluff R. (2009) Principle of Practice of Research in Midwifery, Churchill Livingstone; Merryl Harvey and Lucy Land. (2016) Research Methods for Nurses and Midwives: Theory and Practice. SAGE Publication Ltd.

## **Semester**

First year, second semester

## **Assessment method**

Oral examination and academic essay. According to the contents of the course, the academic essay will consist of a research project. Students will be provided by detailed criteria for the development of the essay and also those used by teachers for its evaluation. The essay will be considered as 50% of the final evaluation. The oral examination will consist of questions focused on research methodology and research informatics. The oral examination represents the 50% of the overall evaluation.

## **Office hours**

Agreed by e-mail with teachers.

## **Sustainable Development Goals**

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

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