



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Research Methodology

2223-2-I0101D012-I0101D041M

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#### Aims

General goal: students will be able to understand the meaning and purpose of research in nursing and to describe the role of nurses in healthcare and nursing research.

Intermediate goals:

- A. To identify the general aspects of scientific research and nursing research;
- B. To know the "Evidence Based Practice (EBP)" process and its relationships with clinical practice;
- C. To understand the methodological bases of research;
- D. To be able to search the literature for a clinical question of interest
- E. To know main characteristics of scientific literature

#### 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**

Lectures, practical training for the 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**

Written examination:

8 multiple-choice questions about nursing research methods.

2 open ended questions about nursing research methods.

## **Office hours**

Agreed by e-mail

## **Sustainable Development Goals**

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

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