BSc in Nursing

Academic year 2026/2027

INTEGRATED COURSE (I.C.): NURSING SCIENCE V
NUMBER OF CFU (ECTS credits): 6
SSD (Academic Discipline Code): MEDS-24/C

COORDINATOR OF THE I.C.: NOEMI GIANNETTA
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GENERAL NURSING – PROFESSIONAL ORGANIZATION
NUMBER OF CFU (ECTS credits): 2
SSD (Academic Discipline Code): MEDS-24/C
LECTURER: SONDRA BADOLAMENTI
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GENERAL NURSING
NUMBER OF CFU (ECTS credits): 2
SSD (Academic Discipline Code): MEDS-24/C
LECTURER: NOEMI GIANNETTA
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GENERAL NURSING – PROFESSIONAL ORGANIZATION
NUMBER OF CFU (ECTS credits): 1
SSD (Academic Discipline Code): MEDS-24/C
LECTURER: FABIO D'AGOSTINO
e-mail: fabio.dagostino@unicamillus.org

NURSING RESEARCH METHODOLOGY
NUMBER OF CFU (ECTS credits): 1
SSD (Academic Discipline Code): MEDS-24/C
LECTURER: FABIO D'AGOSTINO
e-mail: fabio.dagostino@unicamillus.org

PREREQUISITE COURSES

Not applicable — no formal prerequisite courses are set by the Degree Programme Regulations for this teaching.

PREREQUISITES

In order to understand the course, the student should have basic knowledge of the nursing care of previous courses.

LEARNING OBJECTIVES

Aim of the Teaching is to:

- understand the importance of research and scientific knowledge for the professional practice of nurses.
- Provide the student with the necessary skills to carry out a bibliographic search on databases
- Provide the student knowledge about the purpose of evidence-based nursing and its effectiveness in clinical practice,
- Provide the student knowledge about the conceptual definition of nursing care outcomes and evidence of its efficacy in the relationship between nursing processes and life activities of the patient.
- Illustrate some problems in identifying some outcomes of nursing care;
- Illustrate some strengths of the minimum nursing datasets in assessing evidence-based practice and outcomes.
- Illustrate nursing professionalism in local services and hospital services.
- make the student identify organizational issues and concepts related to quality of care and to teach him how to collect information on guidelines and how to define, observe and prepare quality reports.
- Provide the student knowledge about the main functions of the institutional bodies related to the profession and the strong professional value inherent in cultural associations.
- Provide the student with basic knowledge of artificial intelligence in the nursing field.

EXPECTED LEARNING OUTCOMES

DD1: Knowledge and Understanding

At the end of this teaching the student will have to know:

- what a bibliographic database is
- the systematic process for bibliographic research
- Evidence Based Nursing (EBN), development of protocols and procedures
- methods of assessing care outcomes, as an element for organizational change
- application of the results of research in the nursing field as a tool for improving performance and evaluating the outcomes and redefining the objectives to be achieved with the patient / family / community
- examination for professional qualification and exercise of the nursing profession
- the nursing profession carried out as a freelance, in the National Public Health Service, in accredited private hospitals, etc: differences in comparison

- and understand how international guidelines are identified and read
- and understand internal procedures and their drafting
- and understand how quality indicators are created and measured
- and understand how a risk analysis is carried out
- the structure and the roles of Federazione Nazionale Ordini Professioni Infermieristiche (FNOPI);
- and Understand the rationale of registration obligation, and know the deontological legislative and ethical references;
- the leading professional organizations and associations in Italy and abroad, and the registration procedures for official press bodies.
- To know and understand the challenges and opportunities of using artificial intelligence in the nursing field

DD2: Applying Knowledge and Understanding

At the end of the teaching, the student will be able to:

- Know how to apply knowledge to correctly perform a bibliographic research
- use the acquired knowledge for the autonomous deepening of aspects related to the specific field to which the student will devote himself within the professional activity;
- Be able to recognize and assess the main applications of artificial intelligence in nursing, evaluating their opportunities and limitations in clinical practice.
- Know how to develop a protocol
- Know how to apply knowledge with respect to the identification and reading of international guidelines
- Know how to apply knowledge with respect to the drafting and reading of internal procedures
- Know how to apply knowledge with respect to the creation and measurement of quality indicators
- Know how to apply knowledge with respect to the assessment of risk analyze

DD3: Making Judgements

At the end of the teaching, the student will need to know:

- general assessments of the topics covered.
- Understand the topics covered in the course and apply this knowledge in clinical practice.
- how to choose the best international guidelines
- how to do internal procedures
- how to choose quality indicators
- how to do a risk analysis

DD4: Communication Skills

At the end of the teaching, the student will need to:

- Be able to use appropriate scientific terminology to describe the systematic process of literature research.
- Know how to interact with other health professionals using the knowledge derived from evidence-based nursing and practice and communicate effectively through the use of the correct scientific terminology to describe the correct reading of international guidelines, the drafting and reading of internal procedures, the creation and measurement of quality indicators, the assessment of risk analyzes.

DD5: Learning Skills

The student will have acquired skills and methods of learning suitable for deepening and improving their competencies in the field of nursing science, also through consulting scientific literature.

SYLLABUS

Syllabus GENERAL NURSING – PROFESSIONAL ORGANIZATION

- History notes about nursing in Italy
- FNOPI: Historical overviews, Federation Organization, Functions, Reference Regulation, Territorial Organization, The importance of Professional Orders
- Enrollment in the FNOPI: Rational and mandatory, Registration methods, enrollment benefits
- Nursing Code of Conduct
- Continuous Professional Development
- Laws to Remember
- National and international professional organizations and associations
- Artificial Intelligence and Nursing: Opportunities and Challenges

Syllabus GENERAL NURSING

- How to search for the most appropriate websites and how to read the guidelines
- What internal procedures are and how they are written
- What are quality indicators, how are they identified and how they are evaluated
- What is clinical risk, with what methods is the assessment done

Syllabus GENERAL NURSING – PROFESSIONAL ORGANIZATION

- Evidence Based Nursing (EBN), development of protocols and procedures
- methods for assessing care outcomes, as an element for organizational change
- application of the results of research in the nursing field as a tool for improving performance and evaluating outcomes and redefining the objectives to be achieved with the patient / family / community
- The measurement of patient outcomes as direct responsibility of the health care professional

- The efficacy tests regarding the relationship between nursing care and the results of nursing processes such as the patient's daily life activities, management of self care, and pain as a symptomatic outcome
- The definition of the concept of adverse outcome for the patient; relationships between structural variables of nursing care and negative outcomes in patients
- examination for professional qualification and exercise of the nursing profession
- the profession carried out as freelance, in the public health service, in private accredited hospitals: differences in comparison

Syllabus NURSING RESEARCH METHODOLOGY

- bibliographic databases;
- research on bibliographic databases;
- the systematic process for bibliographic research;
- literature review;
- practical applications.

COURSE STRUCTURE

The Methodology of Research module consists of 14 hours of lectures, divided into 4-hour sessions according to the academic calendar. Teaching methods include lectures/discussions, practical exercises, student presentations, use of videos, written assignments, and assigned readings (textbooks, journals, online resources).

The General Nursing – Professional Organization module consists of 28 hours of lectures, divided into 2- or 4-hour sessions according to the academic calendar. Teaching is delivered through theoretical lectures on the topics covered.

The General Nursing module consists of 28 hours of lectures, divided into 2- or 4-hour sessions according to the academic calendar. Teaching methods include lectures and group discussions, student presentations, audiovisual materials, written assignments, and assigned readings (textbooks, journals, online research).

The General Nursing – Professional Organization module consists of 14 hours of lectures, divided into 2- or 4-hour sessions according to the academic calendar. Teaching includes theoretical lectures, discussions, and supplementary seminars on the topics covered.

COURSE GRADE DETERMINATION

The exam of the Teaching of Nursing Science V is comprised of a written of the modules of GENERAL NURSING - PROFESSIONAL ORGANIZATION, GENERAL NURSING, NURSING RESEARCH METODOLOGY, whose mark is an integral part of the Teaching.

The exam will cover the main topics of the teaching modules and will be considered passed if the student scores a final mark of 18/30.

Knowledge and understanding, the ability to apply knowledge and understanding, independent judgment, and written and communication skills of the student will contribute to the final grade as follows: 30%, 30%, 30%, and 10%, respectively.

The assessment criteria will include: acquired knowledge, independent judgment, communication skills (ability to write and summarize), and learning capacity. The examination will be evaluated according to the following criteria:

< 18 insufficient	Fragmented and superficial knowledge of the content, errors in applying concepts, poor presentation. Answers are unclear and/or incomplete, with imprecise use of technical language.
18 - 20	Sufficient but general knowledge of the content, simple presentation, answers are somewhat unclear or incomplete, imprecise use of technical language, uncertainties in applying theoretical concepts.
21 – 23	Appropriate but not in-depth knowledge of the content, partial ability to apply theoretical concepts, acceptable presentation of content. Answers are generally correct, with adequate use of technical terms and acceptable clarity.
24 – 26	Appropriate knowledge of the content, fair ability to apply theoretical concepts, well-structured presentation. Answers are correct, with adequate use of technical terms and more than acceptable clarity.
27 - 29	Precise and complete knowledge of the content, good ability to apply theoretical concepts, analytical and synthetic skills, confident and correct presentation. Answers are clear, complete, and precise, with correct use of technical language.
30 - 30L	Extensive, complete, and in-depth knowledge of the content, well-established ability to apply theoretical concepts. Answers are clear, complete, and precise, with correct use of technical language as well as outstanding analytical, synthetic, and interdisciplinary reasoning skills.

Students with disabilities or certified Specific Learning Disorders (SLD/DSA) are entitled to compensatory tools and dispensatory measures (e.g., extra time, concept maps, equivalent assessment formats), to be agreed in advance with the lecturer and the relevant University office, without prejudice to achieving the same expected learning outcomes.

OPTIONAL ACTIVITIES

If necessary, the students can have an appointment for solving doubts or deepen topics on the teaching program. In addition to the didactic activity, the student will be provided with didactic material to support the preparation of the exam, which are an integral part in its preparation.

Within the course, the student will independently explore various databases in search of guidelines and examples of quality indicators and aspects of clinical risk.

READING MATERIALS

Reading materials for GENERAL NURSING – PROFESSIONAL ORGANIZATION

- Benci, L. (2019). Aspetti giuridici della professione infermieristica: elementi di legislazione sanitaria. McGraw-Hil

Reading materials for GENERAL NURSING

- Hughes, R. (Ed.). (2008). Patient safety and quality: An evidence-based handbook for nurses.
- OECD. (2017). Definitions for Health Care Quality Indicators-OECD 2016-2017 HCQI Data Collection.

Reading materials for GENERAL NURSING – PROFESSIONAL ORGANIZATION

- De Brún, C. (2013). Finding the evidence: a key step in the information production process. Inf Stand Guid.
- Melnyk, B. M., Gallagher-Ford, L., & Fineout-Overholt, E. (2016). Implementing the evidence-based practice (EBP) competencies in healthcare: a practical guide for improving quality, safety, and outcomes. Sigma Theta Tau

Reading materials for NURSING RESEARCH METHODOLOGY

- Polit & Beck (2017). Essentials of Nursing Research: appraising evidence for nursing practice (9th Ed.). Wolters Kluver; Phila, Pa.