



Intended Learning Outcomes (ILOS) of (ARS) for Doctorate Degree

1. Knowledge and understanding skills:

- 1.1 Discuss theoretical and research based knowledge in medical surgical nursing.
- 1.2 Explain fundamentals methodologies and ethics of scientific research in medical surgical nursing.
- 1.3 Explain ethical and legal responsibilities and accountability in medical surgical nursing practices.
- 1.4 Discuss effective quality improvement strategies in medical surgical nursing.
- 1.5 Explain the role of the clinical nurse specialist in medical surgical nursing within the nursing profession and the health care system. .

2. Intellectual skills:

- 2.1. Interpret and evaluate the adequacy of underlying knowledge from nursing science, related fields and professional foundations as informs advanced practice in medical surgical nursing.
- 2.2. Design mechanisms and procedures to identify critical gaps in knowledge and to handle scientific problems in medical surgical nursing
- 2.3 .Design research finding evidence based practice strategies technology and creativity in medical surgical nursing practice.
- 2.4 .Interpret plans that establish and standards of practice concept of caring and critical thinking in medical surgical nursing practice.
- 2.5.Design research finding evidence based practice learning theories technology and ethical principle in medical surgical nursing.



3. Professional and practical skills:

- 3.1 Apply basic and advanced scientific knowledge, and skills of nursing related to sciences needed for design implement and evaluate nursing care process in medical surgical nursing.
- 3.2 Implement proper documentation and evaluate of patient's reports.
- 3.3 Apply diagnostic and nursing intervention based on scientific evidence and standards in medical surgical nursing.
- 3.4 Use methods and tools related to professional practice standards in medical surgical nursing
- 3.5 Demonstrate education programs using information and communication technologies in medical surgical nursing for patients and other health care providers with emphasis on nursing management of illness.

4. General and transferable skills:

- 4.1 Appreciate capability of communication skills, critical thinking, problems solving decision making and team working in medical surgical nursing
- 4.2 Communicate information technology to design conduct and evaluate nursing program to individuals groups students and other health professionals in medical surgical nursing.
- 4.3 Value responsibility for self-evaluation and continues professional development in medical surgical nursing.
- 4.4 Value time management skills in medical surgical nursing.
- 4.5 Communicate self and long life-learning in medical surgical nursing.

