

**ISTINYE UNIVERSITY**  
**INSTITUTE OF HEALTH SCIENCES**  
**DEPARTMENT OF SURGICAL DESEASE NURSING (THESIS)**  
**COURSE DESCRIPTIONS**

**1<sup>st</sup> SEMESTER**

**Research Methods And Publication Ethics | 5 ECTS**

General framework of scientific research method, research designs, techniques used in conducting research and ethical principles to be followed during both research and publication process.

**Introduction To Medical Surgical Nursing | 13 ECTS**

Advanced knowledge and practical on surgical nursing, the role of surgical nursing in the development of health, ethical issues in surgical nursing, surgical environment, bio-psycho-social effects of surgical intervention on the patient.

**Concept And Theory In Nursing | 5 ECTS**

Concept-theory definitions, objective-subjective health definitions and related concepts; human from the bio-psycho-social point of view; general characteristics of nursing theories, the relationship between nursing theory and nursing philosophy, relationship between nursing theories and other applied disciplines, contributions of theories to nursing profession, the importance of the theorists who contributed to the science of nursing, nursing theorists, the importance of theories, the relationship between theories and nursing care.

**2<sup>nd</sup> SEMESTER**

**Medical Surgical Nursing | 13 ECTS**

Preoperative and postoperative care principles, postoperative pain management, effective breathing and maintenance of adequate circulation, fluid-electrolyte balance and maintaining adequate nutrition, advanced information and practices for wound healing and care principles

**Seminar | 3 ECTS**

Oral presentation

**3<sup>rd</sup> SEMESTER**

**Thesis | 30 ECTS**

**4<sup>th</sup> SEMESTER**

**Thesis | 30 ECTS**

## **ELECTIVE COURSES**

### **Emergency And Trauma Nursing | 7 ECTS**

Definition, causes and effects of trauma, classification systems in trauma, pre-hospital evaluation and treatment, trauma complications, principles of trauma care in the intensive care unit, fracture treatment, splints and rehabilitation, pain management in trauma, trauma feeding, body image after trauma, cooperation in practice, injury reduction program, tissue viability, wound assessment and infection control, risk management.

### **Intensive Care Unit Nursing | 7 ECTS**

Patient and family education, dietary changes and management, pain and pain management, sedation, agitation, delirium, basic issues and problems related to termination of life, cardiovascular disease nursing care, pulmonary disease and nursing care, neurological disease and nursing care, kidney disease and nursing care, gastrointestinal disorders and nursing care, endocrine disorders and nursing care, trauma and shock, burn, multiple organ failure.

### **Diagnosis Of Health | 3 ECTS**

Diagnostic methods, the diagnosis of the systems, the responsibilities of nurses and their applications in the diagnosis according to their life stages.

### **Operating Room Nursing | 7 ECTS**

History of the operating room, basic concepts of operation period, establishment and management in the operating room, operating room design/operation, personel and patient safety, sanitary operation in the operating room, aseptic technique in the operating room, patient positioning, surgical instruments, hemostasis and wound closure, quality assurance in the operating room, operating room ethics and legal problems.

### **Ethics In Nursing | 3 ECTS**

Conceptual approach to ethics, Ethical principles, types of ethics, Ethical codes in nursing, Ethical theories and theorists, Ethical decision-making in nursing, Business ethics, Science, research and ethics, Patient rights, Ethics committees, Ethical issues in nursing / Case studies, Values and culture, norms, beliefs, needs, attitudes, transition and development of value system, nursing values,

### **Informatics In Nursing | 3 ECTS**

Information technologies used in nursing, human technology, nursing interaction, use of information technologies in nursing.

### **Evidence-based Approaches | 3 ECTS**

Realizing the importance of scientific knowledge of evidence-based in surgical nursing, examination of evidence-based practice in the world and Turkey, evidence-based applications in prevention and treatment of pressure wounds, evidence-based applications of enteral nutrition, preoperative skin preparation and hypothermia.

## **Biostatistics | 4 ECTS**

The place of statistics in research, measurement scales of variables and data summarization techniques appropriate to scale, basic rules and concepts related to probability, sampling methods, sampling distributions, estimation and basic concepts related to hypothesis testing.