**SURGICAL DISEASES NURSING MASTER PROGRAMME COURSE CONTENTS (COURSE CODE, NAME, THEORETICAL AND PRACTICAL HOURS, CREDITS)**

**HCH 5030 SURGICAL DISEASES NURSING-I (3-0)3 (ACTS 6)**

Definition of surgery, homeostasis, fluid-electrolyte balance and imbalances and nursing care in surgical patients, preoperative and postoperative nursing care, urogenital system surgery and nursing care, endocrine system surgery and nursing care, nervous system surgery and nursing care, transplantation and nursing care, musculoskeletal system surgery and nursing care, breast surgery and nursing care, ophthalmological surgery and nursing care, surgical nursing and ethics.

**HCH 5040 SURGICAL DISEASES NURSING-II (3-0)3 (ACTS 6)**

Cardiac surgery and nursing care, vascular surgery and nursing care, respiratory system surgery and nursing care, digestive system surgery and nursing care, shock and nursing care in the surgical patient, surgical wound and nursing care, pain and nursing care in the surgical patient, nursing care of the patient undergoing day surgery, evidence-based nursing practices in surgery, evaluation of the surgical patient in the perioperative process, ear-nose-throat surgery and nursing care, nursing care of the burn and burned patient.

**HCH 5050 SURGICAL DISEASES NURSING PRACTICE I (0-8)4 (ACTS 8)**

To gain the knowledge and skills to comprehensively plan, implement and evaluate the care of the surgical patient in the perioperative process in clinical practice.

**HCH 5060 SURGICAL DISEASES NURSING PRACTICE II (0-8)4 (ACTS 8)**

To have up-to-date knowledge about surgical diseases, to gain the knowledge and behaviour of planning, implementing and evaluating the care of the surgical patient in the perioperative process in the relevant application areas.

**HCH 5070 OPERATING THEATRE NURSING (2-2)3 (ACTS 6)**

Technological structure of the operating room, duties, powers and responsibilities of the operating room nurse, patient and employee safety in the operating room environment, surgical hand washing, methods of wearing gloves and gowns, aseptic techniques and infection control in the operating room, principles of use and care of surgical instruments, disinfection and sterilisation methods, premedication and anaesthesia methods, preoperative preparation of the patient and admission to the operating room, care of the patient during surgery, transport of the patient to the recovery room and post-anaesthesia care, recording systems in the operating room

**HCH 5080 SURGICAL INTENSIVE CARE NURSING (2-2)3 (ACTS 6)**

History of surgical intensive care nursing, structure of intensive care unit, patient admission to surgical intensive care units, nursing care of the patient on mechanical ventilation, possible effects of intensive care on patients, effects of intensive care unit on patient family, elderly patient care in intensive care, transfer of the patient in intensive care, intensive care infections, control of intensive care infections, ethics and ethical problems in intensive care, organ donation.

**HCH 5090 TRAUMA AND EMERGENCY SURGERY NURSING (2-2)3 (ACTS 6)**

Definition of emergency, principles of emergency nursing, communication in emergency unit, legal and ethical problems in emergency care, basic principles of emergency patient transport, triage, basic and advanced life support, trauma and nursing care, system trauma and nursing care, trauma complications and nursing care.

**HCH 5100 EVIDENCE-BASED PRACTICES IN SURGICAL NURSING**

**(2-2)3 (AKTS 6)**

Evidence-based medicine, evidence-based nursing, use of nursing research results in practice, examination of clinical practice guidelines and protocol examples developed in surgical nursing, evidence-based best practice recommendations in wound care, evidence-based best practice recommendations in infection control, evidence-based best practice recommendations in patient education, evidence-based best practice recommendations in intravenous treatment practices, evidence-based best practice recommendations in pain control.

**HCH 5110 SURGICAL ONCOLOGY NURSING (2-2)3 (ACTS 6)**

Cancer terminology, cancer epidemiology, risk factors, diagnostic methods and early diagnosis, duties, powers and responsibilities of the surgical oncology nurse, cancer pathophysiology, surgical treatment methods in cancer patients, chemotherapy application process and nursing care, radiotherapy application process and nursing care, oncological emergencies, symptom control in the patient with cancer, palliative care of the patient in the terminal period, self-care and quality of life improvement in the patient with cancer, psychosocial problems and care in the patient with oncological problems, education of oncological patients and caregivers.

**HCH 5120 TRANSPLANTATION NURSING (2-2)3 (ACTS 6)**

Overview of organ transplantation, Ethical and legal aspects of organ and tissue transplantation, Immunology, Brain death, Removal and storage of organs, Preparation of the donor, Organ removal from cadaver, Organ removal from living donor, Intraoperative care, Prevention of postoperative complications, Nursing care after organ transplantation, Immunosuppression drug therapy and the responsibilities of the nurse.