

ISTINYE UNIVERSITY
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING
COURSE DESCRIPTION

1st SEMESTER

NUR 111 Anatomy | ECTS 4 (3+1)

The aim of the anatomy course; to give detailed information about the structure and functions of the human body and to have knowledge about the interrelations of systems. This course covers the basic anatomical planes, anatomy of the upper, lower and lower extremities of the head, spine, joints, smooth muscles, striated muscles, anatomy of the heart muscle and the anatomy of the circulatory system, anatomy of the lymphatic system and the blood tissue, respiratory system, the anatomy of the nervous system, the digestive system anatomy, anatomy of the endocrine system, anatomy of the urinary system, anatomy of the female reproductive system, anatomy of the male reproductive system and special sensory organ anatomy.

NUR 112 Biochemistry | ECTS 3 (2+0)

The aim of this course; comprehend the biochemical properties of biomolecules and their building blocks, learning the functions of enzymes, hormones, vitamins and minerals, establishment of the relation of their deficiencies and excesses with diseases, comprehension of metabolic events and evaluation of metabolic parameters, proper test selection, sampling paths and issues to be considered.

NUR 116 Physiology | ECTS 3 (2+0)

The aim of the physiology course is to have knowledge about the physiological functioning of body systems. This course; Introduction to physiology, tissues and systems, homeostasis, physiology of the nervous system, physiology of the nervous system, physiology of the circulatory system, physiology of the respiratory system, physiology of the respiratory system, senses, physiology of the digestive system, physiology of the excretory system, physiology of endocrine and reproductive systems.

NUR 113 Health Assessment | ECTS 3 (2+0)

Introduction to health evaluation, health history, physical examination, health perceptions of health, health management, evaluation of nutrition and metabolism, evaluation of skin, evaluation of activity and exercise, evaluation of musculoskeletal system, evaluation of respiratory system, evaluation of

heart and circulatory system, discharge system evaluation and evaluation of abdominal examination, senses and perceptions, evaluation of sleep and rest.

NUR 114 Microbiology | ECTS 3 (2+0)

The aim of this course is to understand the importance of microorganisms and microbiology, to define prokaryotic cell biology (metabolism and genetics), nutritional and physical needs of microorganisms, to perform basic laboratory techniques for working with microorganisms (planting methods, Gram staining, acid staining, sports staining).

Introduction to Microbiology, Human Microbiome in Health and Disease, Sterilization, Disinfection and Antisepsis, Bacterial Anatomy, Bacterial classification and diagnosis, Gram positive cocci, Gram positive rods, Gram negative cocci, Gram negative rods, Structure, classification and diagnosis of viruses, DNA viruses, RNA viruses, structure, classification and diagnosis of parasites, structure, classification and diagnosis of fungi are covered.

NUR 115 Basic Concept And Principles In Nursing | ECTS 4 (3+0)

The aim of the Basic Concept and Principles in Nursing course; to teach the basic concepts, theories, principles, methods and techniques of nursing and to enable students to see the individual and society in a holistic manner in accordance with basic human needs.

These courses, professional basic concepts of nursing as a profession, professional theories and theorists, ethics in health care administration, health care communication, patient care process, health care critical thinking in professional, individual and family growth and development, training and learning in Turkey presentation of health services, patient acceptance and discharge, patient safety, employee safety, infection control and its applications, fluid-electrolyte balance and disorders.

ATA111 History Of Ataturk's Principles And Revolution I | ECTS 2 (2+0)

This course includes the Kuva-yi Milliye and Facades (Adana, Antep, Maras, Urfa), the establishment of the Regular Army and the Western Front, the wars that changed the history of Turkey, the abolition of the Sultanate, the establishment of the Republic of Turkey, Establishment of Turkish History Institution and Turkish Language Institution and Atatürk Principles

TURK111 Turkish Language | ECTS 2 (2+0)

The aim of this course is a learner-centred, integrated-skills based course that will develop students in the four skills (reading, writing, listening and speaking) in an academic context.

English Language I | ECTS 3 (2+0)

The aim of this course is a learner-centred, integrated-skills based course that will develop students in the four skills (reading, writing, listening and speaking) in an academic context.

2nd SEMESTER

NUR 123 Fundamentals Of Nursing | ECTS 14 (4+12)

This course; Health Care System and Health Team, Concepts and Theories in Nursing, Values and Ethics, Nursing Process, Records and Report Writing Nursing Model Based on Living Activities, Safe Environmental Provision and Sustaining, Drug Applications, Communication, Respiratory, Digestive System Applications, Excretory System Applications, Urinary system applications, wound care Personal Cleaning and Clothing, Body Temperature Control, Hot-cold applications, Movement system and applications Working and Entertainment, Expression of Sexuality, Sleep and Relaxation, Death, loss and coping, terminal phase patient care and Clinical Practice Preparation includes topics such as preparation.

NUR 121 Pharmacology | ECTS 2 (2+0)

The aim of the pharmacology course is to provide students with basic knowledge of pharmacology and the basic drug groups interaction with the human organism.

This course; definitions and concepts in pharmacology, factors related to the drug and its biological structure related to drug pharmacokinetics, factors affecting drug effect, drug toxicity, drug action mechanisms, concentration-effect relations.

NUR 214 Histology | ECTS 2 (2 + 0)

The aim of the Histology course is to enable students to gain the basic knowledge of histology and embryology and to gain basic laboratory experience.

In this course, different cell types in light and electron microscopy level, cell membrane structure, function and importance of cytoplasm, emphasis on histological features, epithelial tissue basic tissue, connective tissue, cartilage bone tissue, muscle tissue, nerve tissue and blood forming cells in human organism and extracellular matrix properties.

NUR 122 Basic Information And Communication Technologies | ECTS 2 (0+2)

The aim of this course, the basic concepts of information and communication technology, working system, basic computer hardware components features and working principles, operating system features and usage, Internet environment and ways to benefit, word processor, spreadsheet,

presentation program and database program and mail use properties. To gain basic computer skills in daily education.

In this course, What is knowledge? What is communication? Computer technologies, operating systems, internet, office programs (text editors, table editors and presentation programs), Web 2.0 technologies (web 1.0, web 2.0, web 3.0, web 4.0), e-mail management, online survey preparation, artificial intelligence, Big Data Analysis and 4th Industrial Revolution, virtual reality, augmented reality, gamification, use of technology for educational purposes and lifelong learning (Kahoot, Shift Up, Khan Academy, Edpuzzle, Issuu, etc.).

ATA112 Principles Of Ataturk And History Of Revolution II | ECTS 2 (2+0)

Independence War under the titles of Liberation and Organization, all important events, Republic! and the reforms in various fields.

TURK121 Turkish Language II | ECTS 2 (2+0)

Practical training for expressing, describing, discussing and explaining in Turkish; basic rules of punctuation and writing, examples; writing and composition techniques; books of classical and contemporary Turkish writers; correction of expression disorders and punctuation errors seen in students' compositions; examples of scientific writing such as reports, articles; oral studies and practices aimed at giving practice in conferences and discussions; examination of selected books such as essays, poems, novels and stories.

Basic English II | ECTS 3 (2+0)

The aim of this course is a learner-centred, integrated-skills based course that will develop students in the four skills (reading, writing, listening and speaking) in an academic context.

3rd SEMESTER

Internal Medicine Nursing | ECTS 12 (4+8)

This course: Basic concepts, reaction of organism to conditions that disrupt Homeostasis (Liquid - Electrolyte - Acid - Base), Primary Health Care - Nursing Process - Universal Safeguard Measures, Shock and Nursing Care, Nursing Care in Bed Dependent Patients, Nursing Care of Pain and Painful Patient, Nursing Care, Neoplastic Diseases and Nursing Care, Respiratory System and Nursing Care, Cardiovascular Diseases and Nursing Care, Hematologic System Diseases and Nursing Care, GI Diseases and Nursing Care, Liver - Gallbladder - Pancreatic Diseases and Nursing Care, Neurological System

Diseases and Nursing Care, Leukomotor System Diseases and Nursing Care, Urinary System Diseases and Nursing Care, Immune System Diseases and Nursing Care issues.

Occupational Ethics | ECTS 3 (2+0)

This course includes the history of deontology, deontology-ethics, basic concepts, social moral values, nursing deontology, job description and nursing profession, interdisciplinary team approach to health, nursing discipline role, functions and responsibilities in health care system, health care and nursing legal, ethics items, therapeutic ethic of current initiatives and legal aspects, legal obligations of the deteriorating situations where human rights and patients' rights, the historical development of nursing in the world and the factors influencing this development, the historical development of nursing in Turkey and factors affecting the development of the nursing profession of the problems and solutions and national and international nursing and health institutions.

General Nutrition | ECTS 3 (2+0)

The aim of the course is to learn about nutrition and to learn nutrition in diseases and to gain knowledge about special diseases related to diseases.

Course Content: General Concepts in Nutrition and Diet, Body Composition, Energy in Nutrition, Proteins, Lipids, Carbohydrates, Water and Minerals, Vitamins, Food Groups and Toxins, Normal Diet, Nutrition in Athletes and Elderly, Nutrition in Adolescent and Pregnancy, Infectious Diseases and Cancer Nutrition, Nutrition in Kidney Patients, Nutrition in Digestive System Diseases, Nutrition in Diabetes Mellitus and Diet, Transition Diet and Nutrition Sensitivity, Nutrition in Bone and Joint Diseases, Test Diets, Information on Parenteral Nutrition are studied.

Manifest Of Istinye I | ECTS 1(0+2)

The Manifest of Istinye describes how a Istinye'n should have properties. He is the leader of the world, he works with team spirit, he is competitive, he is rational and he thinks strategically, he values information, he lives with universal and ethical values, he is worker, he is responsible to society and he is a sportsman. It is a culture of excellence and several objectives have been set for the transfer of this culture to students. Students are expected to achieve these goals.

Pathology | ECTS 2 (2+0)

The aim of the course is to teach the microscopic structure of the tissues that make up the human body, the basic reactions of the cells and the abnormalities that occur in cells and tissues in all diseases. This course includes basic concepts in pathology, cellular injury and adaptation, acute and chronic inflammation, cellular response to damage and wound healing, hemodynamic disorders, immune

system diseases, neoplasia, pathology of genetic and pediatric diseases, pathology of environmental and nutritional diseases, infectious diseases pathology, Coronary artery disease, hypertension, diabetes and thyroid diseases, female genital system and breast diseases.

Communication In Health | ECTS 3 (2+0)

This course; Communication Elements, Communication Types, Communication Forms, Interpersonal Communication Barriers, Effective Communication, Social Groups, Rules of Human Relations, Definition and characteristics of nursing and nurses in terms of interpersonal relations, dimensions of interpersonal relations, Communication in interpersonal relations, methods and techniques in interpersonal relations, communication barriers, communication in some special situations, communication with patients in different situations, relations between nurses and team members, communication and ethics.

4th SEMESTER

Medical Surgical Nursing | ECTS 10 (4+8)

This course; Basic concepts in surgical nursing, surgical asepsis, surgical infections, liquid electrolyte balance, preoperative preparation and nursing care, operating room nursing, nursing care of the patient under anesthesia, post-operative nursing care, wounds, burns, nursing care in hypovolemic shock, nursing care in bleeding, gastro care in the surgical diseases of the intestinal system, patient care in the surgery of the respiratory system, patient care in the cardiovascular surgery, patient care in the breast disease surgery, liver - gall bladder - surgery in the surgical diseases of the pancreas, surgery of the nervous system and nursing care, endocrine system surgery and nursing care, muscle - nursing care in skeletal system surgery, nursing care in urology, nursing care in organ transplantation, eye surgery and nursing care, ear - nose - throat surgery and nursing care covers.

Obstetric And Gynecology Nursing | ECTS 10 (4+8)

In this course, Birth and Women's Health Nursing, anatomy of reproductive system, physiology of pregnancy, physiology of pregnancy, mother's physiology during pregnancy, prenatal care, nutrition during pregnancy, evaluation of fetal health, risky pregnancies, labor of birth, mother's care in labor, risky labor, physiology and care of newborn, newborn requiring special care, postpartum period, postpartum adaptation and evaluation, lactation, postpartum risk situations, psychosocial and cultural aspects of pregnancy, family planning, circuits of female life, common gynecological problems, menstrual irregularities, disruption of pelvic support structures, common gynecological masses, diagnosis and treatment methods in gynecology.

Manifest Of Istinye II | ECTS 0 (0 + 1)

The Manifest of Istinye describes how a Istinyeli should have properties. He is the leader of the world, he works with team spirit, he is competitive, he is rational and he thinks strategically, he values information, he lives with universal and ethical values, he is worker, he is responsible to society and he is a sportsman. It is a culture of excellence and several objectives have been set for the transfer of this culture to students. Students are expected to achieve these goals

5th SEMESTER

Mental Health And Psychiatric Nursing | ECTS 9 (4+8)

This course; Introduction to mental health and psychiatric nursing. The aim, philosophy and historical development of psychiatric nursing, the basic concepts of psychiatric nursing, the treatment of individuals with mental disorders, the role of the nurse in the treatment and treatment of psychiatry, the impact of mental problems on the society and the family, the importance of mental health in society and in the world, and the protection of mental health, the role of the nurse, the legal aspects of psychiatry, patient rights, ethical issues, the evaluation of the course

Child Health And Diseases Nursing | ECTS 9 (4+8)

In this course, child health problems in our country, development and maintenance of child health protection, basic health services in pediatric nursing, diagnosing the child's health status, pediatrics applications, newborn diseases and nursing care, nutrition and nutrition problems in children, children with respiratory system problems, nursing process, infectious diseases and vaccination in children, liquid electrolyte balance and imbalance, problems in children with digestive system and nursing care, children with endocrine system problems, children with oncological and hematological problems, children with neurological system problems, heart and circulation children with systemic problems, children with genito-urinary system problems, children with musculoskeletal problems, conditions that require frequent surgical intervention in children, frequent accidents in children, intoxications, burns, children common bowel parasites.

Research Methods | ECTS 2 (2+1)

The aim of the course is to provide nursing discipline, science and research, nursing research, research the use of nursing services, the research process, the creation of research problem, the main concepts related to research design, types of research design, quantitative research designs, qualitative research designs, sampling study. Data collection methods, techniques and tools, the nature of the means of

data collection, data analysis, research, ethical issues, evaluation of data, table and graph construction, preparation and presentation of research report.

Manifest Of Istinye III | ECTS 1 (0+2)

The Manifest of Istinye describes how a Istinyeli should have properties. He is the leader of the world, he works with team spirit, he is competitive, he is rational and he thinks strategically, he values information, he lives with universal and ethical values, he is worker, he is responsible to society and he is a sportsman. It is a culture of excellence and several objectives have been set for the transfer of this culture to students. Students are expected to achieve these goals.

Seminar I | ECTS 3 (2+0)

6th SEMESTER

Public Health Nursing | ECTS 11 (4+8)

This course; Basic concepts about public health, history of public health and nursing, public health nursing, public health care, basic health services, Alma-Ata Declaration, 21st century targets, records and statistics held in health centers, home visits, OMAHA public health nursing care process Organization of health services, Health Education, Family health, Mother and child health, Population and health, Environmental health and public health nursing, role of community nutrition and public health nurse, school health and school nursing, worker health and worker health nursing, early diagnosis Public health nursing in infectious and social diseases, home care of individuals with chronic diseases, the role of community mental health and public health nurses, old age and public health nursing, and social services.

Education In Nursing | ECTS 3(2+2)

This course; Basic concepts about education, education as science, education as social institution, social processes and education, philosophy and education, human and education, learning, learning theories and principles, education programs and teaching activities, overview of Turkish education system and nursing education, nursing practices and education, health education, continuing education and in-service training.

Management In Nursing | ECTS 3 (2+2)

This course; Basic concepts and theories of management, management processes, health services history and development, health and disease definitions, basic health services, health services system, health services organization, health policies, health sector evaluation, hospital organization structures, service delivery problems of hospitals, nursing management organizational structures, nursing services management process, nursing services planning, nursing services philosophy, goals, standards, nursing services application, nursing care presentation systems, nursing services duties and responsibilities, health management ethics and values, ethics in nursing, legal and ethical regulations in health , team and role structures in health services, transfer of authority in health services, communication-information management in health services, total quality management in health services, health services inde management, in-service training in health services, health legislation, coordination and supervision in health services.

Biostatistics | ECTS 3 (2+1)

This course: Definition of Statistics, Main Stages of Statistics Methodology, Statistics in Medical and Health Sciences, Data Collection and Data Regularization and Demonstration, Descriptive Statistics Analysis: Central Tendency Measures: Averages - Analytical Averages, Non-Analytical Averages, Variability and Measures - Skewness and Measures, Descriptive Statistics: Problem Solving, Normal Distribution and Properties, Standard Normal Distribution - Normal Distribution Applications, Inductive Statistics Introduction to Analysis: Sampling and Sampling Techniques: Simple Random Sampling: Estimation of the Measures of the Maternity, Estimation of the Average of the Motherhood, Estimation of the Ratio of the Motherhood, Statistical Relationship Analysis Introduction - Correlation and Regression Analysis - Pearson and Spearman Correlation Coefficients, Regression Equation Estimation and Problem Solving

Seminar II | ECTS 3 (2+0)

Manifest Of Istinye IV | ECTS 1 (0+2)

The course is to describes how an ISU students should have properties. ISU students are leader, works with a team spirit, are competitive, are a rational and think strategically, are value knowledge, live according to universal ethical values, are hardworking, are responsible for collecting, are sportive. Istinye is a culture and several goals have been set for pass down this culture to students. It is expected that the students will reach these targets.

7th SEMESTER

Internship In Nursing | ECTS 18 (2+24)

This course aims to explain the shortcomings of clinical applications to nurses; It aims to strengthen existing practice skills, to have more autonomy in individualized patient care and to gain experience in basic health services.

Graduation Project-I | ECTS 3 (3+1)

The aim of this course is to give the students the skills they have learned through the final project they will prepare individually. By learning how to follow a visual project, you need to pass the project.

8th SEMESTER

Internship In Nursing II | ECTS 18 (2+24)

This course aims to explain the shortcomings of clinical applications to nurses; It aims to strengthen existing practice skills, to have more autonomy in individualized patient care and to gain experience in basic health services.

Graduation Project II | ECTS 3 (3+1)

The aim of this course is to give the students the skills they have learned through the final project they will prepare individually. By learning how to follow a visual project, you need to pass the project

ELECTIVE COURSES

Effective Speaking And Diction | ECTS 3 (2 + 0)

This course is to covers the basic features of oral language and verbal communication, basic characteristics of verbal expression speech (using natural language and body language), basic principles of good speech, basic characteristics of a good speaker (emphasis, intonation, pause diction etc.), unprepared and prepared speech stages of prepared speech (selection and limitation of subject, aim, point of view, determination of main and subordinate ideas, planning, presentation of speech writing the text), types of speech: (conversations, conversation, self introduction, answering questions, christmas, birth, feast, etc.) celebrating an event, directing directions, speaking over the phone, asking for work, interview with someone, radio and television conversations, participating in different cultures, art programs as speakers, etc.), making unprepared speeches on various subjects, verbal expression practices, language and expression in speech supporters lara includes fixes the issues.

Psychology | ECTS 3 (2 + 0)

The course includes the basic concepts related to psychology, history of psychology, methods, physiological basis of behavior, sensation and perception, learning and memory processes, information about motives and emotions, lifelong development processes, social psychology and human diversity, starting with an overview of mental processes and perception factors influencing factors and perception, psychosocial and psychosexual development and stages, cognitive and moral development and stages, motivation, physiological and social motives and characteristics, individual differences include intelligence and personality, thinking and problem solving.

Clinical Aromatherapy | ECTS 3 (2 + 0)

This course includes concepts and definitions related to the subject, types of aromatherapy, mechanisms of aromatherapy, aromatherapy application fields, fixed oils used in aromatherapy, essential oils used in aromatherapy and formulation examples.

Psychosocial Rehabilitation | ECTS 3 (2 + 0)

This course includes concepts in the field of psychosocial rehabilitation, disorder of the world health organization, including disability and handicap, classification system, disorder of the world health organization, disability, handicap, classification system, rehabilitation and stages of the society of the disabled, psychosocial rehabilitation in neurological diseases, accident psychosocial rehabilitation, stress and post traumatic stress disorder, psychosocial rehabilitation in amputees, psychosocial rehabilitation in geriatric people, psychosocial rehabilitation in children with disabilities, psychosocial rehabilitation in disabled children.

Sociology | ECTS 3 (2 + 0)

The course is covers the general and brief information about the development of social thought in the period prior to emergence as a knowledge of this course sociology, emergence and development as a science of sociology, basic views of some sociologists who pioneered the birth of sociology, the emergence and development of sociology in Turkey, the main features of modern sociology, general information about methodology in sociology, social status, social role, social structure and social relations, determinism and factors affecting social relations, culture, personality, social system, socialization, social organization, social institution, social event, social phenomenon value, norm (customs and traditions), anomie, social control, nation, state, social differentiation, migration, social mobility, social change, social stratification, social deviation behavior, social conflict, collective behavior, social dissolution, social integration.

Media Literacy | ECTS 3 (2 + 0)

This course includes media and reality, the content of media messages, media and representation, media and culture, media and prejudice, media and agenda setting, media and violence, media and violence, critical approaches in media literacy, why media literacy, media trust and ethics, media followed, in Turkey and in the world of media literacy, media literacy practices include the subject.

Information Literacy | ECTS 3 (2 + 0)

This course focuses on the recognition, research and access to information resources in print and electronic media. Scientific research process, basic research methods and academic writing techniques are examined. In this context, it includes topics such as subject selection, literature research, evaluation of resources, reference and writing of research.

Emergency And First Aid | ECTS 3 (2 + 0)

These course is covers general first aid information, evaluation of the patient / injured and the scene of the incident, basic life support, first aid in bleeding, first aid in injuries, first aid in burns, freezing and heat stroke, first aid in fractures, dislocations and sprains, first aid in consciousness disorders, first aid in poisonings, first aid in animal bites, first aid, drowning, first aid, patient / injured carriage techniques in foreign strings.

Written And Oral Expression | ECTS 3 (3 + 1)

This course focuses on text analysis, text interpretation, poetry analysis, reading and listening and diction.

Sign Language | ECTS 3 (2 + 0)

This course includes language and communication, what is language, what are the functions, what is communication, what are the ways of oral communication, how to use oral expression in the fields of cinema and advertising, listening and speaking skills, structure and materials used in oral communication, communication process, respiratory system and respiration, voice-breathing relationship, unprepared and prepared speech, one-sided, multilateral (mutual) speeches, good speech and speaker

Professional English | ECTS 3 (4 + 0)

This course is planned for the purpose of using and understanding English terms related to nursing.