



**PATHOLOGY LABORATORY TECHNIQUESİ**  
Education language: Turkish (Optional English prep class)  
Pathology Laboratory Techniques is a 2-year program aiming to train qualified laboratory technicians to work in pathology and histology laboratory directly after graduation. Educational goal of the program is to train technicians who know all the processes before, during, and after of the pathology laboratory; have the knowledge/skills to implement necessary processes; know/improve/control quality control and safety of the pathology laboratory; have knowledge and skills about research pathology and who follow and are aware of developments in the field of Health.

**PERFUSION TECHNIQUES PROGRAM**  
The aim of Perfusion Techniques Program is to train health technicians who are able to prepare, run and monitor heart-lung machine used in heart surgeries, heart-lung support devices used in circulatory or respiratory failures, dialysis machine used in kidney failure, hemodiafiltration and autotransfusion devices. Theoretical training is given at the Üsküdar University and applications are performed in NPISTANBUL Application Research Hospital and various health institutions. Perfusion technicians have the opportunity to work in private and public hospitals. They also can work as perfusion technician for universities' domestic and foreign-funded scientific research. Those who have completed this program are called Perfusion Technician.

**RADIOTHERAPY PROGRAM**  
The aim of Radiotherapy Program is to train competent and responsible technical personnel to assist oncologist in the treatment of cancer. Those who have completed this program are called Radiation Oncology Technician. During the diagnosis phase of cancer, Radiation Oncology Technician performs Computed Tomography, and assists physicians in planning/applying radiotherapy to patients in the oncology units of hospitals and in conducting scientific research. Radiotherapy technicians can work in oncology clinics of private and public

hospitals and in private diagnostic centers. Radiology applications usually take place in the related units of university and public hospitals, and also radiotherapy departments are common in private hospitals.

**MANAGEMENT OF HEALTH-CARE INSTITUTIONS PROGRAM**  
The aim of the program is to train specialists in the field of Health Management with a holistic approach by considering knowledge of Economics and Business Administration, as well as psychological services. This program will provide students to manage health institutions with an interdisciplinary holistic business approach that provides quality service, and is economically successful and competitive. Graduates are called "Health Care Institution Operator".  
Students will be able to practice at Üsküdar University Neuropsychiatry Application and Research Center's (NPSUAM) clinics in Feneryolu and Etiler, and NPISTANBUL Neuropsychiatry Hospital, and external referenced partners.

**SOCIAL SERVICES PROGRAM**  
The aim of the program is to train well educated professionals to offer social welfare services for disadvantaged groups (disabled, elderly, etc.) in the forefront in the fields of child welfare, youth services, family protection, education, and justice. Graduates work in Social Services Centers and provincial organizations affiliated to the Ministry of Family and Social Policies, hospitals affiliated to the Ministry of Health, guidance and research centers affiliated to the Ministry of National Education, employment agency affiliated to the Ministry of Labor and Social Security, State Planning Organization, private rehabilitation centers, non-governmental organizations for disadvantaged groups (school for people with hearing and vision disabilities, kindergartens, youth homes, care homes and day nurseries, nursing homes, and foster homes, etc.), prisons and probation offices affiliated to the Ministry of Justice, organizations related to family planning, local governments' social services and social assistance units.

**MEDICAL DOCUMENTATION AND SECRETARIAL PROGRAM**  
The aim of this program is to train medical secretaries for compilation, editing, and presenting to researchers the findings of scientific research in various branches of medical and health technology. Graduates work in public and private health institutions and organizations as "Medical Secretary". They work in IT departments of polyclinics and clinics of private and public hospitals with/without inpatient unit affiliated to the Ministry of Health, patient admission units, human resources unit and medical archive services.

**MEDICAL IMAGING TECHNIQUES PROGRAM**  
The aim of the program is to train technicians who assist physicians in using magnetic imaging and X-Ray for diagnoses. Students receive basic classes such as radiological imaging, Radiation Oncology, radiation safety and protection, anatomy, physiology, Biophysics; and social classes such as Fine Arts, deontology. Medical Imaging Technicians can work in radiology units of private and public hospitals under supervision of neurologist, pediatrics, pulmonary medicine and physiology specialists; they also can be employed on projects of the European Union and national projects. Additionally they can work for scientific studies as health technician. Technician candidates who prefer to be a researcher can apply for vertical transfer.

**MEDICAL LABORATORY TECHNIQUES PROGRAM**  
The aim of the Medical Laboratory Techniques Program is to train technicians who perform medical analyses required by the physicians in diagnosis and treatment laboratories of health institutions. Medical Laboratory Technicians can work in hospitals, medical schools, private laboratories, research centers of other health institutions, public health institutes and food industry, institutes and organizations performing medical research and development.

**MEDICAL PROMOTION AND MARKETING PROGRAM**  
The pharmaceutical industry is a constantly evolving sector. Therefore, well-educated staff for pharmaceutical

promotion is needed. Medical Promotion and Marketing Program became one of the most popular profession programs. Medical Promotion and Marketing Program trains sales staff for the pharmaceutical and medical industry. Graduates serve in pharmaceutical stores, pharmaceutical and medical companies as medical representative or sales representative. The medical representatives perform promotion and marketing of the drugs required by the market, define terms sale according to the movements of competitors in the market, give information about drugs, organize promotions and scientific meetings, provide the prescription of the drug promoted.

**MEDICINAL AND AROMATIC PLANTS PROGRAM**  
The aim of this program is to give training on collection, cultivation, production, processing, marketing and methods of use of medicinal and aromatic. This program has the function to provide scientific support for those who want to work on medicinal plants. The program has been included with the aims of training required technical personnel for the protection and cultivation and for the determination of the properties of medicinal plants. Graduates of this program can work in the Ministry of Agriculture, pharmaceutical factories, pharmacies, cosmetic industry, etc. "Medicinal and Aromatic Plants Technician" can establish their own business on medicinal plant cultivation or collection from nature, or can open a herbal medicine shop.

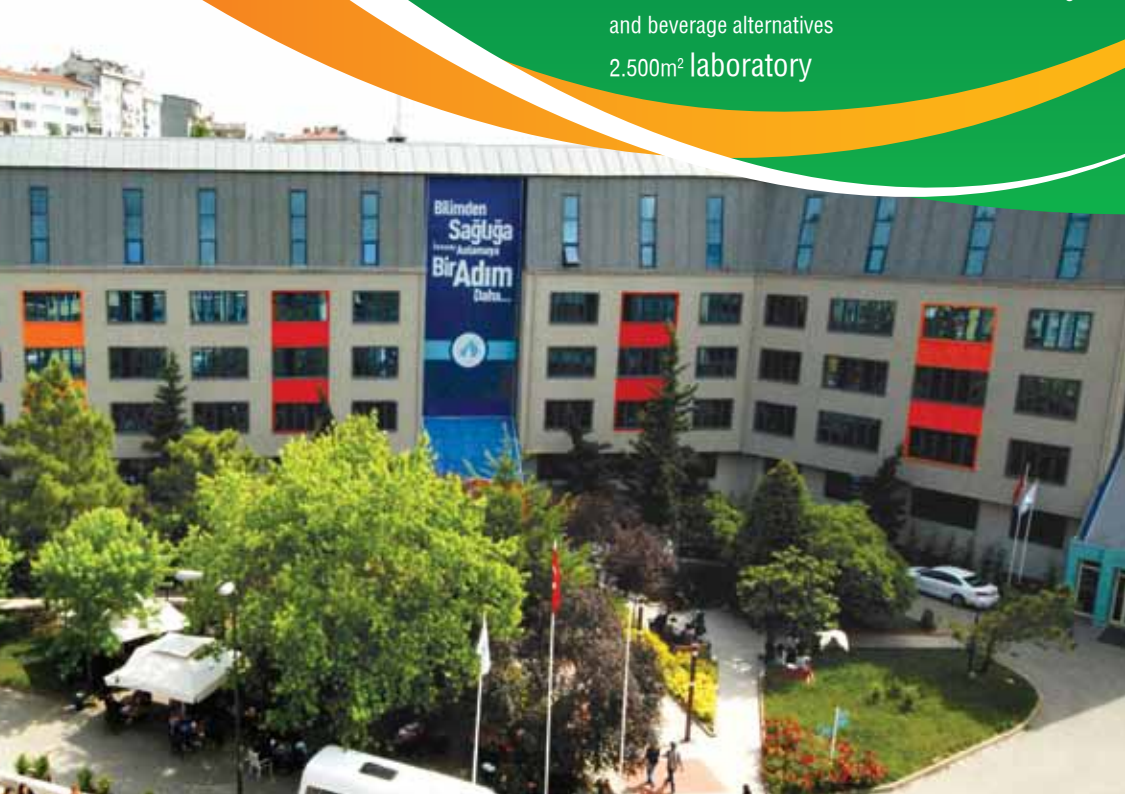
**ELDERLY CARE PROGRAM**  
The aim of the program is to health technicians who are able to integrate the necessary knowledge, ability and values about elderly care service; apply and improve elderly care service in public, private organizations and non-governmental organizations. Practical training is performed in hospital, nursing home and elder care rehabilitation centers, elderly day centers, home care service providing organizations. Graduates can work in Social services and Child Protection Agency, municipalities, hospitals, non-governmental organizations and private institutions where hospice and elderly care services are performed under supervision of specialists. Yan yazılmış cümle: Modern and qualified professionals equipped according to the needs of the sector...

Modern and qualified professionals equipped according to the needs of the sector...

## Vocational School of Health Services

Üsküdar University being the first thematic University in the field of Behavioral Sciences and Health predicate education and academic activities on the understanding of "one more step to understand human beings". Üsküdar University adopts a multidisciplinary approach in the field of Health Services.

Vocational School of Health aims to raise qualified technicians who are committed to ethical principles and occupational values.



- Central, South and Çarşı Campuses located at the intersection of the transportation network in Uskudar
- Smart campus system with the technological infrastructure
- Education with smart board system in the classrooms
- Guest house for female students with a capacity of 80 people, 200 meter walking distance to the main campus
- Cooperation with many homes for female and male students
- Library with Online Public Access Catalog (OPAC) system that can also be accessed via the internet
- e-library consisting of PC and IMAC open for free use
- Conference rooms equipped with the latest technology for up to 350 people
- Multipurpose halls for smaller events and meetings
- 1.800 m<sup>2</sup> canteens
- Cafeterias with indoor and outdoor areas offering food and beverage alternatives
- 2.500m<sup>2</sup> laboratory



## Vocational School of Health Services



By taking advantage of the provisions of the regulation on the Continuity of Undergraduate Education of Vocational High School and Open Education Associate Degree Graduates, graduates can have the right to enroll in undergraduate programs through vertical transfer exam (VTE) depending on the quota in their field.

Practice during training, job opportunities after graduation...

## Vocational School of Health Services



Qualified education integrated with humanity

### EMERGENCY AND DISASTER MANAGEMENT PROGRAM

The aim of this program is to take measures such as training, awareness-raising and project development prior to disasters such as earthquakes, floods, avalanches, landslides, etc.; to raise equipped, innovative, inquisitive and entrepreneurial graduates who have the ability and knowledge to engage in and manage coordination and every loss minimizing activity during a disaster. The aim of this program is to provide the understanding of emergency and disaster management, to improve the ability of analyzing and communication, to improve various career opportunities including fire safety, discharge, planning prior to a disaster, and legal grounds.

### ORAL AND DENTAL HEALTH PROGRAM

The aim of Oral and Dental Health Program is to train reputable and qualified students preferred in the public and private sectors, who have international knowledge in the field of dental health, and meet the technical staff need of our country. Oral and Dental Health Program raises technical staff who will assist dentists in dental hospitals and dental clinics. Graduates of this program do not have the opportunity to work individually.

### OPERATING ROOM SERVICES PROGRAM

The aim of the Operating Room Services Program is to train auxiliary surgical personnel who are able to prepare all surgical materials for the use during a surgery, assist as a member of the surgical team during a surgery, and have practical and theoretical knowledge and capacity in other areas of the Health Sciences in a multidisciplinary way. Graduates of this program receive "Associate Degree" and are called "Health Technician". They can work in university, public and private hospitals.

### ANESTHESIA PROGRAM

The aim of the Anesthesia Program is to train technicians who can prepare patients prior to a surgery, support anesthetist during a surgery, and perform control of patients after surgery. The program includes knowledge about advanced anesthesia machines and different anesthesia techniques, sterilization and emergency patient care. Graduates of the Anesthesia

Program can work operating room, recovery room, intensive care unit, respiratory therapy unit, resuscitation, emergency services, pain therapy unit and research departments of all private and public hospitals.

### BIOMEDICAL DEVICE TECHNOLOGY PROGRAM

The aim of the program is to train staff that will work in installation, technical operation, maintenance and repair of tools and devices that are used for diagnosis and treatment in the field of Health. Our graduates can work in companies that produce goods/service in the sector of Biomedical Device Technology, and related public institutes and organizations. Graduates are called "Biomedical Device Technician". Biomedical Device Technician installs the tools and devices used in the field of Medicine and biological science according to the diagram; performs maintenance, determines the location of malfunction and repairs it. Biomedical Device Technicians work in public and private hospitals, laboratories, outpatient clinics, factories producing medical devices, medical equipment repair and maintenance workshops or services.

### CHILD DEVELOPMENT PROGRAM

Child Development Program is an undergraduate program established in order to satisfy the need for training and mentoring in order children can live in a healthy environment. The aim of the program—supporting the development of children between ages 0-18 normally developed and children with special needs, with chronic illnesses, vulnerable children and children at risk—is to train auxiliaries for all units offering service to children, families and community. Graduates can work in pre-school education centers/kindergartens of private and public schools affiliated to the Ministry of National Education, nurseries/day care centers affiliated to the Ministry of Family and Social Policies, special education and rehabilitation centers, in hospitals playrooms of child clinics.

### DENTAL PROSTHETIC TECHNOLOGY PROGRAM

The aim of the Dental Prosthetic Technology Program is to raise qualified technicians who can assist dentists, conduct laboratory stages. Thus, dentists will be able to engage with more patients. Our graduates can work in Dental Prosthetic laboratories of public hospitals,

dental hospitals, university hospitals, private dental laboratories. They can also have their own dental prosthetic laboratory.

### DIALYSIS PROGRAM

The aim of the Program is to raise qualified technicians to meet the need of the sector. Dialysis Technician, in cooperation with dialysis unit team, performs medical care for dialysis treatment according to the directions of the physician in charge. Dialysis Technician give information about dialysis application to patients, prepares hemodialysis devices for each patient, and report technical unit in case of malfunction. Dialysis Technician ensures internal and external disinfection of the hemodialysis device after each operation; responsible from care and monitoring of patients before, during and after dialysis; evaluates the path of the vessel prior to dialysis application, maintain the dialysis needle entry point, starts and end hemodialysis application; takes necessary measures for possible complications during hemodialysis, and reports the physician complications occurred, if any. Graduates can work in public and private dialysis centers.

### PHARMACY SERVICES PROGRAM

The aim of the Pharmacy Services Program is to train staff that will work in laboratories, drug stores, pharmaceutical industry, and that deliver the medication prescribed by the physicians to the customer, prepare drugs under the supervision of the pharmacist. Pharmacy Services Technicians work in pharmacies, pharmacy related units of government offices, pharmaceutical factories, drug stores. Their working environment is clean, there is a smell because of chemical substances in the structure of drugs. While serving in pharmacies, they interact with people constantly.

### ELECTRONEUROPHYSIOLOGY PROGRAM

Electroneurophysiology Program is an important branch of Neurology and Physiology Neurological and cardiology diseases are the most researched disease groups in the World. Therefore, high budget-brain research are performed in the World. Trained Technicians who will take part in these research are needed in the World. Graduates receive undergraduate

degree and are called health technician. Technicians perform electromyography, electroencephalography, polysomnography, and evoked potential investigations; report the results to the physician. Graduates also can earn the right to register for the undergraduate programs with the vertical transfer exam.

### DISABLED PERSON CARE AND REHABILITATION PROGRAM

The aim of the Disabled Person Care and Rehabilitation is to raise respectful, creative, tolerant, and patient technicians who are able to apply concepts and principles related to their field; can fulfill the professional requirements of their profession, know the basic characteristics, care and needs of people with disabilities; provide treatment, support and rehabilitation services; approach to people with disabilities in a holistic way and give service in institutes for people with disabilities. Disabled Person Care and Rehabilitation Technicians can work in medical centers and polyclinics, hospitals, physical therapy and rehabilitation units, nursing home residents, nursing homes, day-care centers, infirmaries of various institutions, at homes of people with disabilities, etc.

### FOOD TECHNOLOGY PROGRAM

Food Technology Program embodies the power of the different sciences due the nature of the profession. The aim of the program is to train qualified, inquisitive and innovative technicians who are able to perform leadership and management at small-, medium- and large-scale companies that produce food, and have practice ability more than engineers. Graduates receive undergraduate degree and are called food technician. Food technician ensures production, packaging, storage and delivery to the consumer of food items in accordance with health regulations, performs and interpret chemical and microbiological analysis food items.

### PHYSIOTHERAPY PROGRAM

The aim of the Physiotherapy Program is to provide the necessary physical therapy and rehabilitation program for patients congenital or injured due to any reason and diagnosed by a physician, and whose treatment was defined by the physiotherapist. The graduates can work in physical therapy and rehabilitation centers, Private Branch centers, public and private hospitals, rehabilitation centers,

orthotic-prosthetic units, schools, industrial areas, sports clubs, nursing homes, vocational rehabilitation centers, spa centers, thermal hotels, disabled / Handicapped centers / schools, fitness centers etc.

### EMERGENCY AND FIRST AID PROGRAM

The aim of this program is to train qualified technicians who are physically health and powerful, are able to make quick and accurate decisions, able to expertly use their hands and fingers, are careful, calm and have a strong sense of responsibility, able to communicate well with others, able to define patents' problem by examining their condition and environment and by getting information from their relatives, able to apply first aid techniques, assist to police or firemen to place the patient in the ambulance safely, give emergency care service to patients on road, deliver the patient to a health institute and give information about the patient's condition accordingly, perform first aid in ER, and drive ambulance in case of need. Graduates receive undergraduate degree and are called paramedics. Paramedics can work in ER of hospitals, 112 centers and stations, ambulance services. There are definitions and legal states in the Ministry of Health's emergency services, 112 centers and ambulance services regulations requiring employment of graduates of this program.

### OCCUPATIONAL HEALTH AND SAFETY UNDERGRADUATE PROGRAM

"Occupational Health and Safety" has been the working area of various science branches. New business branches increased with the continuation of technological development require uninterrupted work on this subject and investigation and trying to find solution for new issues due to new technologies. In this context, it has been included in the Vocational School programs aiming to train technicians. It is one of the brightest professions of the future. According to the laws of the European Union occupational health and safety specialists are required in enterprises with at least 50 employees.

### AUDIOMETRY PROGRAM

The aim of Audiometry Program is to train qualified technicians who know and use the scientific method about the diagnosis of patients with hearing loss and balance disorders; apply hearing and balance tests; follow current developments in their fields; improve self continuously;

have the abilities of verbal communication and applying new technological developments. Graduates of this program can work in audiology clinics of public and private hospitals under the supervision of audiology or ENT specialist. They can apply hearing tests for newborn babies in birth clinics, and hearing screening test in schools. Training activities, employment opportunities and planning required by the program are performed in cooperation with the Ministry of Health, civil society organizations and professional associations, health departments, public and private health institutions (training and research hospitals, birth homes, medical centers, etc.), hearing aid sales centers, municipalities.

### OPTICIAN PROGRAM

The aim of this program is to train entrepreneurial and innovative technicians who have general public health knowledge; committed to the philosophy of total quality and support the related institutional processes; know environmental, social and ethical issues related to their profession, and responsibilities related; observe health and safety precautions relevant to their profession. Graduates of this program are called "Optician", and they can have their own stores, work as manager in charge in optician institutions. Opticians work in firms producing and selling glasses.

### ORTHOPEDIC PROSTHETICS AND ORTHOTICS PROGRAM

The aim of this program is to train health technicians who are able to make prosthetics for people who lost their legs or arms due to various reasons and durable, aesthetic and functional orthotics for reducing pain, improving function, mobilizing, corrective and supportive purposes in pathologies related to muscle, skeletal, and nervous system. Graduates of this program work in manufacturing of artificial organs (prosthetics) that will fulfill the functions of the organs in case of loss of a limb such as hand, arm, foot, leg; or orthopedic appliances (orthotics) to support, straighten or improve the function of a body part. Graduates can work in Prosthetics and Orthotics Workshops of public and private hospitals, in universities, and in their own workshops. They can make artificial limb prostheses, body corsets, short and long walking devices, and similar auxiliary devices by measuring.