



TEHRAN UNIVERSITY
OF
MEDICAL SCIENCES

PROGRAM **MATRIX**
Degree Programs

2016

ABOUT TUMS

Tehran University of Medical Sciences is the oldest and the most prestigious university of medical sciences in Iran. With more than 80 specialized research centers, TUMS is one of the country's top research universities which accepts the most qualified applicants from all over the world. This university has on offer hundreds of programs thanks to its schools of Medicine, Dentistry, Pharmacy, Advanced Technologies in Medicine, Rehabilitation, Allied Medical Sciences, Public Health, Nursing and Midwifery, Nutritional Sciences and Dietetics, and Traditional Medicine, as well as its Virtual School and various specialized research centers.

In this booklet, you will find some of the academic programs offered by TUMS in the 2016/2017 academic year.

You can find more comprehensive information on our website, where you will have access to our schools' and research centers' websites as well. Please visit:
www.gsia.tums.ac.ir

TUMS offers various programs in the following levels:

- Bachelor of Science: (B.Sc.)
- Doctor of Medicine: (M.D.)
- Doctor of Dental Surgery: (D.D.S.)
- Doctor of Pharmacy: (Pharm.D.)
- Master of Science: (M.Sc.)
- Master of Public Health: (M.P.H.)
- Master of Science in Public Health: (M.S.P.H.)
- Doctor of Philosophy: (Ph.D.)
- Specialty: (Residency)
- Subspecialty
- Fellowship

School of Advanced Technologies in Medicine

Addiction Studies | Ph.D.
Applied Cell Sciences | Ph.D.
Medical Biotechnology | M.Sc., Ph.D.
Medical Nanotechnology (Nano-Medicine) | M.Sc., Ph.D.
Molecular Medicine | Ph.D.
Neuroscience | Ph.D.
Tissue Engineering | Ph.D.

School of Allied Medical Sciences

Anesthesia Techniques | B.Sc., M.Sc.
Health Information Management (HIM) | Ph.D.
Health Information Technology (HIT) | B.Sc., M.Sc.
Healthcare Management | B.Sc.
Laboratory Hematology & Blood Transfusion | M.Sc., Ph.D.
Librarianship & Medical Information | M.Sc., Ph.D.
Medical Emergencies Technology | B.Sc.
Medical Informatics | M.Sc., Ph.D.
Medical Laboratory Sciences | B.Sc.
Operating Room Technology (Surgery Technology) | B.Sc.
Radiobiological Studies & Radiation Protection | M.Sc.
Radiology Technology (Medical Imaging) | B.Sc.
Radiotherapy Technology | B.Sc.





School of Dentistry

Community Oral Health | M.Sc., Ph.D.
Cosmetic Oral and Maxillofacial Surgery | Fellowship
Dental Biomaterials | Ph.D.
Doctor of Dental Surgery | D.D.S.
Endodontics | M.Sc., Specialty
Hospital Dentistry | Fellowship
Implant Dentistry (Periodontics) | Fellowship
Implant Dentistry (Prosthodontics) | Fellowship
Implant Dentistry Oral and Maxillofacial Surgery | Fellowship
Laser | Fellowship
Oral and Maxillofacial Medicine | M.Sc., Specialty
Oral and Maxillofacial Oncology (Surgery) | Fellowship
Oral and Maxillofacial Pathology | M.Sc., Specialty
Oral and Maxillofacial Radiology | M.Sc., Specialty
Oral and Maxillofacial Surgery | Specialty
Oral Biology | Fellowship
Orthodontics | M.Sc., Specialty
Pediatric Craniofacial Surgery | Fellowship
Pediatric Dentistry | M.Sc., Specialty
Periodontics | M.Sc., Specialty
Prosthetic Dental Technology | B.Sc.
Prosthodontics | M.Sc., Specialty
Restorative Dentistry | M.Sc., Specialty
Trauma (Maxillofacial) | Fellowship

School of Medicine

Advanced Laparoscopic Surgery | Subspecialty, Fellowship
Allergy and Immunology | Subspecialty
Anatomic & Clinical Pathology | Ph.D.
Anatomy | M.Sc., Ph.D.
Anesthesiology | Specialty
Biomedical Engineering (Bioelectric) | M.Sc., Ph.D.
Biomedical Engineering (Bioelectric - MR Pulse Sequence/Simulation Development) | Ph.D.
Biomedical Engineering (Bioelectric - Neuroimaging Analysis) | Ph.D.
Biomedical Engineering (Medical Robotics) | Ph.D.
Breast Surgery | Fellowship
Cardiology | Specialty
Cardiovascular Disease | Subspecialty
Cardiovascular Surgery | Subspecialty
Child & Adolescent Psychiatry | Subspecialty
Clinical Biochemistry | M.Sc., Ph.D.
Clinical Cardiac Electrophysiology | Fellowship
Clinical Gerontology | M.Sc., Ph.D.
Clinical HIV/AIDS Fellowship | Fellowship
Clinical Nuclear Medicine | Specialty
Clinical Psychology | M.Sc.
Colorectal Surgery Fellowship | Fellowship
Community Medicine | Specialty
Cornea & External Eye Diseases | Fellowship
Dermatology | Specialty
Dermatopathology | Fellowship
Doctor of Medicine | M.D.
Echocardiography | Fellowship
Emergency Medicine | Specialty
Endocrinology and Metabolism | Subspecialty
Endourology | Fellowship
Critical Care Medicine | Subspecialty
Female Pelvic Floor Medicine & Surgery | Fellowship
Forensic Medicine | Specialty
Gastroenterology and Hepatology | Subspecialty
General Surgery | Specialty
General Thoracic Surgery | Subspecialty
Geriatrics | Specialty
Glaucoma | Fellowship
Gynecology Endoscopy | Fellowship

Hand Surgery | Fellowship
Head and Neck Surgery | Fellowship
Hematology & Oncology | Subspecialty
Liver Transplantation & Hepatobiliary Surgery | Fellowship
Human Genetics | M.Sc.
Infectious Diseases & Tropical Medicine | Specialty
Infertility (Perinatology) | Fellowship
Internal Medicine | Specialty
Interventional Cardiology | Fellowship
Interventional Radiology | Fellowship
Kidney Transplantation Surgery | Fellowship
Laryngology | Fellowship
Maternal-Fetal Medicine | Fellowship
Medical Bacteriology | Ph.D.
Medical Ethics | Ph.D.
Medical Genetics | Ph.D.
Medical Immunology | M.Sc., Ph.D.
Medical Microbiology | M.Sc., Ph.D.
Medical Physics | M.Sc., Ph.D.
Molecular Pathology & Cytogenetics | Fellowship
Multiple Sclerosis and Related Disorders | Fellowship
Neonatology | Subspecialty
Nephrology | Subspecialty
Neuroanesthesia | Fellowship
Neurology | Specialty
Neurosurgery (Neurological Surgery) | Specialty
Obstetrics and Gynecology | Specialty
Occupational Medicine | Specialty
Oncologic Surgery | Fellowship
Oncology | Fellowship
Ophthalmic Plastic and Reconstructive Surgery | Fellowship
Ophthalmology | Specialty
Orthopedic Surgery | Specialty
Otology & Neurotology | Fellowship
Otorhinolaryngology Head & Neck Surgery | Specialty
Pain | Fellowship
Palliative Medicine | Fellowship
Pathology | Specialty
Pediatric Cardiology | Subspecialty
Pediatric Clinical Neurophysiology | Fellowship



Pediatric Critical Care Medicine (PCCM) | Fellowship
Pediatric Endocrinology and Metabolism | Subspecialty
Pediatric Gastroenterology | Subspecialty
Pediatric Infectious Diseases | Subspecialty
Pediatric Nephrology | Subspecialty
Pediatric Neurosurgery | Fellowship
Pediatric Ophthalmology & Strabismus | Fellowship
Pediatric Orthopedic | Fellowship
Pediatric Pulmonology | Subspecialty
Pediatric Rheumatology | Subspecialty
Pediatric Surgery | Subspecialty
Pediatric Urology | Fellowship
Pediatrics | Specialty
Pediatrics Neurology | Subspecialty
Pharmacology | Ph.D.
Physiology | M.Sc., Ph.D.
Plastic Surgery | Subspecialty
Prevention and Control of Nosocomial Infections | Fellowship
Psychiatry | Specialty
Psychosomatic Medicine | Fellowship
Psychotherapy | Fellowship
Pulmonary Medicine | Subspecialty
Radiology | Specialty
Radiotherapy | Specialty
Radiotherapy Physics | M.Sc.
Reproductive Biology | Ph.D.
Rheumatology | Subspecialty
Rhinology | Fellowship
Sleep Medicine | Fellowship
Sports Physiology | Ph.D.
Sports Medicine | Specialty
Spinal Surgery | Fellowship
Surgery of the Knee | Fellowship
Toxicology | M.Sc., Ph.D.
Uro-Oncology | Fellowship
Urology | Specialty
Vascular Surgery | Subspecialty
Vitreous & Retinal | Fellowship

School of Nursing and Midwifery

Community Health Nursing | M.Sc.

Forensic Medicine | M.Sc.

Geriatric Nursing | M.Sc.

Intensive Care Nursing | M.Sc.

Medical Surgical Nursing | M.Sc.

Midwifery | B.Sc.

Midwifery (Community Midwifery) | M.Sc.

Midwifery (Forensic Medicine) | M.Sc.

Midwifery (Midwifery Education) | M.Sc.

Midwifery (Midwifery Management) | M.Sc.

Midwifery (Reproductive Health) | M.Sc.

Neonatal Intensive Care Nursing (NICU) | M.Sc.

Nursing | B.Sc., Ph.D.

Nursing Administration | M.Sc.

Nursing Informatics | M.Sc.

Nursing Management | M.Sc.

Pediatric Nursing | M.Sc.

Psychiatric Nursing | M.Sc.

Reproductive Health | Ph.D.



The background of the slide is a photograph of several female students wearing hijabs, sitting at desks in a classroom or lecture hall. They appear to be listening or taking notes. The image is overlaid with a semi-transparent blue filter. A white L-shaped graphic element is positioned on the left side of the text box.

School of Nutritional Sciences & Dietetics

Nutritional Policy | Ph.D.

Nutritional Sciences | M.Sc., M.S.P.H., Ph.D.

Nutritional Sciences (Biochemistry) | Ph.D.

Nutritional Sciences (Biotechnology) | Ph.D.

Nutritional Sciences (Clinical Biochemistry) | Ph.D.

Nutritional Sciences (Economic Sciences) | Ph.D.

Nutritional Sciences (Epidemiology) | Ph.D.

Nutritional Sciences (Food Sciences) | Ph.D.

Nutritional Sciences (Health Education) | Ph.D.

Nutritional Sciences (Immunology) | Ph.D.

Nutritional Sciences (Medical Genetics) | Ph.D.

Nutritional Sciences (Pharmacology) | Ph.D.

Nutritional Sciences (Physiology) | Ph.D.

Nutritional Sciences (Sociology) | Ph.D.

Nutritional Sciences (Traditional Medicine) | Ph.D.

Public Health in Nutrition | Ph.D.

Public Health in Nutrition (Economic Sciences) | Ph.D.

Public Health in Nutrition (Epidemiology) | Ph.D.

Public Health in Nutrition (Health Education) | Ph.D.

The image shows two female students in a laboratory. The student on the left is wearing a black hijab and a white lab coat, smiling as she points with a pen at a document on the table. The student on the right is also wearing a black hijab and glasses, looking intently at the document. The background includes laboratory equipment like a white container and a metal stand. A red semi-transparent box is overlaid on the bottom left, and a blue semi-transparent box is overlaid on the bottom right.

School of Pharmacy

Clinical Pharmacy | Specialty

Critical Care Pharmacy | Fellowship

Doctor of Pharmacy | Pharm.D.

Food & Drug Analysis | Ph.D.

Medicinal Chemistry | Ph.D.

Pharmaceutical Biomaterials | Ph.D.

Pharmaceutical Biotechnology | Ph.D.

Pharmaceutical Nanotechnology | Ph.D.

Pharmaceutics | Ph.D.

Pharmacoeconomics and Pharmaceutical Administration | Ph.D.

Pharmacognosy | Ph.D.

Radiopharmacy | Ph.D.

Toxicology | Ph.D.



School of Public Health

Bacteriology | M.Sc., Ph.D.

Biostatistics | Ph.D.

Disaster in Emergency | Ph.D.

Environmental Health Engineering | M.Sc., Ph.D.

Epidemiology | Ph.D.

Ergonomics | M.Sc.

Health and Food Safety | M.Sc.

Health Economics | M.Sc., Ph.D.

Health Education | M.Sc., Ph.D.

Health Management | M.Sc., Ph.D.

Health Policy | Ph.D.

Health Technology Assessment | M.Sc.

Healthcare Services Management | M.Sc., Ph.D.

Immunology | M.Sc., Ph.D.

Medical Entomology & Vector Control | M.Sc., Ph.D.

Medical Parasitology | M.Sc., Ph.D.

Medical Virology | M.Sc., Ph.D.

Microbiology of Food | M.Sc.

Mycology | M.Sc., Ph.D.

Noncommunicable Diseases | M.P.H.

Occupational Health | M.Sc., Ph.D.

Public Health | M.P.H.

Vector Biology and Control | M.Sc., Ph.D.

School of Rehabilitation

Audiology | B.Sc., M.Sc., Ph.D.

Optometry | M.Sc.

Physiotherapy (Physical Therapy) | B.Sc., M.Sc., Ph.D.

Sports Physiotherapy (Sports Physical Therapy) | M.Sc.

School of Traditional Medicine

Acupuncture | M.Sc.

History of Medical Sciences (History of Medicine) | B.Sc., M.Sc.

Pharmacy in Traditional Medicine | M.Sc.

Traditional Medicine | M.Sc., Ph.D.

Virtual School

Educational Technology | M.Sc.

E-Learning in Medical Education | M.Sc.

Endocrinology and Metabolism Research Institute (EMRI)

Biosensors | Ph.D.

Cell Therapy | Ph.D.

Clinical Pharmacology | Ph.D.

Epidemiology | Ph.D.

Gerontology | Ph.D.

Gestational Diabetes | Ph.D.

Medical Ethics | Ph.D.

Mental Health | Ph.D.

Metabolic Bone Disorders | Ph.D.

Obesity and Prevention | Ph.D.

Osteoporosis Treatment and Prevention | Ph.D.

Pediatric Endocrinology | Ph.D.

Puberty and Development | Ph.D.

Public Health | Ph.D.

Thyroid Diseases | Ph.D.

Eye Research Center (ERC)

Cornea & Anterior Segment | Fellowship

Glaucoma | Fellowship

Ophthalmic Epidemiology | Ph.D.

Pediatric Ophthalmology & Adult Strabismus | Fellowship

Vitreoretina | Fellowship

Hematology, Oncology and Stem Cell Transplantation Research Center

Pediatric Stem Cell Transplantation | Fellowship

Immunology, Asthma and Allergy Research Institute (IAARI)

Immunology | Ph.D.

Immunology, Asthma and Allergy | Fellowship

Rheumatology Research Center (RRC)

Genetics Epidemiology | Ph.D.

Ophthalmology | Fellowship

Rheumatology | Subspecialty

Iranian Research Center for HIV/AIDS (IRCHA)

Clinical HIV | Fellowship

Pharmaceutical Sciences Research Center (PSRC)


Biotechnology | Ph.D., Fellowship

Clinical Pharmacy | Ph.D., Specialty, Subspecialty, Fellowship

Medicinal Chemistry | Ph.D., Fellowship

Pharmaceutical Sciences | Ph.D., Fellowship

Toxicology & Pharmacology | Ph.D., Specialty, Fellowship



For more detailed and comprehensive information about our academic programs,
please visit our website: www.gsia.tums.ac.ir/en
or email us at: admission_ic@tums.ac.ir



Office of Vice-Chancellor for Global Strategies and International Affairs
Directorate of International Affairs and Development

www.gsia.tums.ac.ir

Email: admission_ic@tums.ac.ir

No. 21, Dameshgh St., Vali-e Asr Ave., Tehran 1416753955, Iran

Tel: (+98 21) 8889 6692 & 94

Ext.: 138

Mobile: (+98) 921 403 2641