Deciding to study as an international student is a big decision. At Tehran University of Medical Sciences (TUMS), we understand and try to make this transition easy and enjoyable. We realize that being an international student is a big step in your life, we do our best to ensure you make the most of your time at TUMS. This prospectus offers just a small example of what you can expect from TUMS, for more information please visit our website at www.gsic.tums.ac.ir

Disclaimer and Contacts
This prospectus was printed in February 2013. Tehran University of medical Sciences makes every effort to ensure the accuracy of information given. Please refer to the University website for the latest course information. All students are required to abide by the University’s regulations. If you would like any help or have any questions, please feel free to contact us.

Mailing Address:
Tehran University of Medical Sciences
Office of Vice-Chancellor for Global Strategies and International Affairs, Number 21, Dameshgh St, Valie Asr Ave, Tehran 1416753955 Iran

E-Mail:
Admissions: admission_gc@tums.ac.ir
Marketing: gia-c@tums.ac.ir

Telephone Numbers:
Admissions: (+98 21) 88 89 66 9264
(+98 21) 88 89 85 31
Fax: (+98 21) 88 85 26 55

The photography included in this prospectus is taken across our Campuses and features real students, Faculty Members, and staff. Our many thanks to everyone who has been involved and made a valuable contribution to the publication.

Special thanks: Mehnaz Ganji
Photography and Design: Narges Tankors
Proofing: Rija Mooshtagh

Directorate of International Affairs and Development
Marketing and Recruitment Division
Message from the Chancellor

Welcome to Tehran University of Medical Sciences (TUMS), the oldest medical university in Iran. In fact, medical education in Iran has a long history. With historical and urban settlements dating back to 4000 BC, Iran has always been home to medical researchers and scientists. Avicenna, whose works on medicine were standard medical texts at many medieval universities in Europe, and Zakariya Razi (AKA Rhazes), to whom numerous firsts in medical research and clinical care are attributed, are two of the outstanding figures among the great physicians and medical scholars of the country.

Though medical education in Iran has seen its ups and downs, today Iranian universities are considered among the bests in the region, and TUMS is by far the most outstanding university in the country, and it is the first choice of bright students. In fact 75% of top ranked students in the nationwide entrance exam have selected TUMS to pursue their education at tertiary level.

With 15 schools, 26 hospitals, 105 research centers, 75 libraries, and more than 20,000 students (60% of which are female), TUMS is proud and honored to educate about half of the country’s Ph.D. students.

Now TUMS is making further investments to expand its international links to recruit students and staff from across the world. I look forward to welcoming you to our university and wish you success in your academic endeavors.

Dr. Mohammad Reza Mansouri
Chancellor
Tehran University of Medical Sciences (TUMS)

Message from the Vice-Chancellor

for Global Strategies and International Affairs

Among medical universities in Iran, Tehran University of Medical Sciences (TUMS) is unequalled. As the top ranked university in Iran, TUMS has achieved the first position in research among national universities for ten consecutive years. TUMS staff and students have led the way in medical sciences, and it is considered as the nation’s leading teaching and research university. Now our international focus has seen TUMS as an internationally recognized university with a strong presence all around the world.

Internationalization is now an integral part of our university, and it is essential to the future quality of TUMS. We try to enhance our regional and international cooperation and integration in the field of medical education. Cooperation with internationally recognized higher education institutions is an important component of our mission and policy.

Now that we have a multinational, multicultural, multireligious, and multilingual student body, we are honored to see students who come to TUMS from around the world to enhance their knowledge and skills. When they arrive in TUMS, our students find a supportive and friendly environment. It is my pleasure to welcome both students and staff to our university. I’m confident that your time at TUMS will be enjoyable and rewarding.

Dr. Ali Kheradmand
Vice-Chancellor for Global Strategies and International Affairs
Tehran University of Medical Sciences (TUMS)
About TUMS

The first modern center for medical training in Iran was founded in 1851. It was a part of the Institute for Higher Education at Tehran (now University of Tehran). The School of Medicine was established as a part of the University of Tehran in 1934. After the Islamic Revolution, medical and associated departments were separated from the Ministry of Higher Education and were taken under the jurisdiction of the Ministry of Health, Treatment and Medical Education. Since 1986, all the medical and associated schools of University of Tehran have carried on their activities independently as Tehran University of Medical Sciences and Health Services (TUMS).

TUMS is the oldest and the most well known medical center in the I.R. of IRAN nationally as well as internationally. TUMS is one of the country’s top research universities, accepts applications from the most qualified students; has the largest Medical, Dental, Pharmacy, Rehabilitation, Allied Medical Sciences, Public Health, Nursing and Midwifery schools in Iran, as well as 12 specialized research centers: Science and Technology in Medicine, Rheumatology, Auditory, Digestive Disease, Skin Diseases and Leprosy, Trauma, Hematology and Oncology, Cardiovascular Diseases, Endocrinology and Metabolism, Reproductive Health, Urology, Immunology, Asthma and Allergy.

TUMS has many teaching hospitals: Imam, Sina, Shariati, Vali-Asr, Amir-Kabir, Ziaee, and Baharani are general and referral hospitals, Tehs-Koodakian and Baharani hospitals are TUMS pediatric centers, Farabi hospital is a special center for ophthalmology. Razi hospital is devoted to dermatology, Bozorghi hospital is the center for psychiatry, Arash and Mirza are special hospitals for gynecology, obstetrics and infertility, and Meiriz Institute is the referral point for cancer diseases; TUMS has more than 40 libraries in its Schools, Research Centers, and Hospitals with the Central Library located on Hennat Campus; in addition, TUMS has excellent sport facilities for academics and students; These factors, along with the abilities and drive of its specialists, have made TUMS an important center with a high reputation in the region and Central Asia.

TUMS is a large university. One of the many advantages of its size is that it can offer a wide range of courses. Admission to TUMS is granted without regard to age, race, color, religion, gender, handicap, or national origin. TUMS admits by field of study and degree, and when you apply, you must indicate your interest in a school and degree. Residency and Fellowship programs are also open to international students. Studying at TUMS is based on a semester schedule. The fall semester begins in September and ends in January. The spring semester begins in February and ends in June. All international students will be admitted to start at the beginning of each semester.

Tehran University of Medical Sciences (TUMS) is accredited with premier status by the Accreditation Service for International Colleges (ASIC). ASIC is recognized by the United Kingdom Department for Education and Skills (DfES), the United Kingdom Department for Universities, Innovation and Skills (DfUS), the United Kingdom Border and Immigration Agency (Home Office), the United Kingdom Office for Standards in Education (Ofsted). ASIC is a member of Council for Higher Education Accreditation (CHEA) International Quality Group (CIQG).

International TUMS

All international students accepted into TUMS will join us at the International Campus (IC). The International Campus was founded in 2006, as the international division of Tehran University of Medical Science (TUMS). The doors of the International Campus are open to international students coming from all cultures and backgrounds. In order to provide equal opportunities for talented students who come from a modest background, scholarships and financial assistance are available.

Mission and Vision of International TUMS

Our mission is to educate students at all levels and all disciplines of the medical sciences in accordance with the highest educational standards. We prepare future medical doctors, dentists, pharmacists, and health scientists for work in diverse communities. Our vision is to become an internationally recognized university that will draw an international student body as well as professors and researchers.
Welcome
Contents
Introduction

......... Iran

Tehran
Student Life
Admissions Guideline
Schools
Appendix
History of Medicine in Iran

The history of medicine in Iran is as old and rich as its civilization. The ancient Persians founded the civilized world’s first teaching hospital in Gundishapur where medical students practiced on patients under the supervision of physicians. The international university, founded in 271 A.D. by Shapur I, was a center of learning and study in the fields of science and medicine.

It has been said that in 550 A.D., the world’s first medical conference was held on Anushirvan’s order in Ctesiphon. Hundreds of religious leaders and physicians from Persia and other countries attended this congress.

Iran has been home to many great scientists. Amongst the great scientists of ancient Iran we can name Razi and Avicenna.

Muhammad ibn Zakariya Razi, also known as Rhazes (865 – 925) was born in Ray (currently inside Tehran province), Iran. He is credited with many ‘firsts’ in medical research, clinical care, and chemistry.

He was the first to differentiate between smallpox and measles. He perfected methods of distillation and extraction, and discovered sulfuric acid, and alcohol.

Razi advised practitioners to keep up with advanced knowledge by continually studying medical books and exposing themselves to new information.

Ibn Sina, Avicenna (born c. 980) is considered amongst the most influential medical scholars in history.

He wrote The Canon of Medicine (1025) and The Book of Healing (1027). Avicenna is credited with the separation of medicine from pharmacology, which was important to the development of the pharmaceutical sciences.

Iron is rich in culture and history, and the landscape is fascinating. Studying in Iran and specifically in Tehran will not only give you the opportunity to study medical sciences, but will also introduce you to the culture and traditions of the Iranian people. Studying at the university, interacting with other students, meeting new professors and conducting research never take place in a vacuum. You will do all these in a context of the society in which you live. You will be exposed to the historic identity of people. Studying in a different country is a mosaic of all these fascinating factors.

Iran has a population of around 75 million in an area of 1,648,195 sq km (636,372 sq mi) and is considered the 18th largest country in the world in terms of area. Iran is divided into thirty-one provinces. Many ethnicities and races live in Iran. Iran has one of the highest urban growth rates in the world. Most internal migrants have settled near the cities of Tehran, Isfahan, Mashhad, and Shiraz. Iran is home to one of the richest artistic traditions in world history which encompasses many disciplines including architecture, painting, weaving, pottery, calligraphy, metalworks and stonemasonry. Carpet-weaving is one of the most distinguished manifestations of Persian culture and art, and dates back to ancient Iran.

Iranians were among the first to use mathematics, geometry, and astronomy in architecture and also have extraordinary skills in making massive domes which can be seen frequently in the structure of bazaars and mosques. The main building types of classical Iranian architecture are mosques and palaces. Besides being home to a large number of art houses and galleries, Iran also holds one of the largest and most valuable jewel collections in the world.

Language and Religion

The Iranian people are an Indo-European ethnic-linguistic group. Currently more than 90 percent of the total population is Muslim.
Isfahan

Also known as Isphahan, Sepahan or Hispahan, is the capital of Isfahan Province in Iran, 340 km south of Tehran.

With a population of 1,583,609, Isfahan is Iran’s third largest city after Tehran and Mashhad.

Isfahan has also been called ‘half of the world’. This city is home to some of the most impressive works of art, as well as many well-known historical sites.

Isfahan is one of Iran’s main tourist attractions and dates back 2500 years. This city was the capital of Iran (1587-1629). It is known for its amazing art work. Examples of marquetry, and porcelain enameled work can be found here.

Shiraz

Shiraz, the sixth most populous city in Iran, is located in the south of Iran and the northwest of Fars Province. Shiraz is located 919 kilometers (571 mi) south of Tehran and is more than 4,000 years old.

The name Shiraz is mentioned in cuneiform inscriptions from around 2000 BCE found in south western corner of the city of Shiraz. Shiraz is known as the city of poets, literature, music and gardens.

Hafez (Khwaja Shams o-Din Muhammad Hafez-e Shirazi) 14th - century) is a well known poet whose tomb is located in Shiraz. Many archeological locations such as Tomb of Cyrus the Great and Persepolis as well as Persepolis are also located in Shiraz. The tomb of Shahr-e-Cheragh, Imam Reza’s brother, is located in the city of Shiraz and has been a pilgrimage site since 14th century.

Naghtah Javan

Si-o-Se Pol

Persepolis

Bagh-e-Bam

Daran-e Ghenavi

Perspolis
Mashhad
Mashhad is the second largest city in Iran and is one of the holiest cities in the Shia Muslim world. It is located 850 kilometres (530 mi) east of Tehran.

Imam Reza (789–816 AD) is the eighth Imam of Shia Muslims, and his shrine is located in Mashhad. It is the largest mosque in the world by dimension and has the second largest capacity. By the end of the 9th century, a dome was built on the grave and many buildings and Bazaars sprang up around it.

Mashhad has many attractions amongst which we can name the tomb of the poet Ferdowsi in Tus, historic city of Nishabur, the tomb of Nadir Shah, and Kooh Sangi, and Shah Public Bath, built during the Safavid era in 1648, which is an outstanding example of the architecture of that period, it has recently been turned into a museum.

Ghom (Qom)
Ghom (Qom) is located 156 kilometres (97 mi) southwest of Tehran. It is the site of the shrine of Fatema Mec’ume, Imam Reza’s sister. The city is also the largest center for Shia scholarship in the world. Since 1503, Ghom has been one of the most important centers of theology of Shia Islam, and has become a significant religious pilgrimage site.

Iran on UNESCO's World Heritage List

Twelve sites listed on the UNESCO’s World Heritage list are located inside Iran

1 - Trinogha Zanbil, Shush Khuzestan
2 - Maclan Imam (Imam Square), Isfahan
3 - Persepolis, Fars
4 - Takht-Soleyman, West Azarbaijan
5 - Bam, Kerman
6 - Pasargades, Fars
7 - Soltaniyeh, Zanjan
8 - Bisotun, Kermanshah
9 - West Azarbaijan
10 - Shushkar, Khuzestan
11 - Sheikl Safi al-Din Khanegah and Shrine, Ardabil
12 - Toebiz Bazar, Azerbaijan Sharghi
Weather in Iran

Spring
Spring time (March to June), in Iran is mild, and most of the rainfall seen in Iran occurs during the spring and winter periods. In the Gorgan region, the spring season is mild and the weather is pleasant.

Summer
Summer weather (June to September) in Iran is typically hot and dry. For instance, in Tehran, the summertime brings intense heat.

Fall
During the fall season (September to December), Iran has fairly mild weather. In the Alborz region, the foliage changes colors, offering a beautiful autumnal palette.

Winter
In the winters (December to March), Iran is typically cold with snowfall. The mountains in the central part of Iran are particularly scenic during this season.

Tehran - Tehran
Gorgan - Gorgan
Tebriz - Tebriz
Horaman - Talefewandistan
Tehran

Tehran is the capital of Iran and Tehran Province. With an estimated population of 8,429,607, it is Iran’s largest urban area. Tehran is also the largest city in Western Asia, and the 19th largest city globally. Archaeological investigations and excavations in Tehran demonstrate that this area was home to civilizations as far back as 3rd millennium BC in the village of Rey, which is now incorporated into the city of Tehran.

Weather

Tehran is located between the Alborz Mountains to its north and the Central Desert to the south. Summer is usually hot and dry with very little rain, but humidity is generally low and the nights are cool. The hottest month is July and the coldest is January.
**TEHRAN**

**Airport**

Tehran has two main airports. Mehrabad airport, now located inside the city of Tehran, is used mainly for domestic flights and Imam Khomeini airport is used for international flights.

Tehran’s international airport, Imam Khomeini International Airport, is located about 30 kilometers (19 mi) southwest of the city of Tehran on Tehran - Gom Freeway.

Most international students will arrive at Imam Khomeini international airport. A TUMS representative will greet and transport the students to TUMS international dormitories, this transport is free of charge to our international students.

**Bus**

Women usually sit towards the end of the bus and men ride in the front, unless the bus driver is a women. BRT’s are fast buses which travel specialized routes, women sit in the front on the BRT.

**Taxi**

Yellow and green cabs and vans, as well as unmarked individual drivers are available in all major cities in Iran. There are designated taxi stops at all major squares in Tehran with marked route and fares. Passengers are allowed to ask for a stop on the route but pay the full fare posted. The fare is based on the distance traveled, and for a shared cab starts from 5,000 Iranian Rials.

**Metro/Subway**

The metro system in Iran is expanding rapidly. Metro runs from 5:30 am till 10:30 pm on daily basis, women only sections of the train is located in the front and at the rear of each train. Chargable metro cards are available to purchase and recharge, to be used on Tehran metro and bus systems.

**Art and Culture**

As Iran’s capital city, Tehran, has a wealth of cultural attractions. Many of the well-known museums of Iran such as the Glassware and Ceramics Museum of Iran, The Carpet Museum of Iran, Tehran’s Underglass Painting Museum, Sa’dabad Palace Complex, Naqshan Palace Complex and Safir Office Machines Museum are located inside Tehran. Golestan Palace in Tehran is the home to The Peacock Throne, and Tehran Museum of Contemporary Art features the works of great international artists such as Andy Warhol, Van Gogh, and Pablo Picasso.

Iranian Central Bank in Tehran is also home to the Iranian Imperial Crown Jewels. It is claimed to be the largest, most dazzling and valuable jeweled collection in the world.

**Cinemas**

Tehran is well served by cinemas. For English language and foreign films check out Cinema Atooi, Sepid, and Farhang.
Azadi Tower
Built in 1971, Azadi (freedom) tower is 50 meters (164 ft) tall and completely clad in cut marble. Azadi tower is located in the middle of Tehran’s famous Azadi Square.

Midad Tower
Midad Tower (Borje Midad) is the tallest building in Iran and the 8th tallest in the world standing at 435 m high (1,427 ft) high from base to tip of its antenna. 4th tallest free-standing telecommunication tower in the world Midad tower took 7 years to build and was opened in 2008. It offers restaurants at the top with panoramic views of Tehran, a five-star hotel, a convention centre, and an IT park. Furthermore, the complex features a parking area of 27,000 m² (290,000 sq ft), a large computer and telecommunications unit, a cultural and scientific unit, a commercial transaction centre, a temporary showroom for exhibiting products, a specialized library, an exhibition hall, and an administrative unit.

Religious Centers
There are many religious centers in the city of Tehran. There are mosques, churches, and synagogues where followers of these religions can practice their faith. The Friday prayer in Tehran is usually hosted by University of Tehran in Enghelab Square.
Tehran was the first city in the Middle East to host the Asian Games in 1974. Tehran is the site of Iran’s national football stadium on Azadi Sport Complex with 100,000 seating capacity. Azadi Football Stadium is one of the largest in Southern and Central Asia. Tehran mountains have many ski areas available for public use. The most well known ski resort closest to Tehran is Dizin located to the north of Tehran in the Alborz Mountains. Tochal Ski Resort is the world’s highest ski resort, at over 3,730 meters (12,240 ft) at its highest 7th station. This resort was completed in 1976. Tochal has an eight kilometer long gondola line (Telecabine) that goes from an elevation of 1900 to a point on the crest of the mountain 3740 m was completed in the late 1970s. At one time, it was claimed to be the world’s longest gondola line.
Welcome
Contents
Introduction
Iran
Tehran

Student Life
Admissions Guideline
Schools
Appendix
International Students

Tehran University of Medical Sciences (TUMS) hopes to create a thriving international student community. We aspire to establish a working relationship with academic institutions to develop teaching as well as research collaborations. We firmly believe that working together makes us stronger; TUMS attracts students from all over the world who are well-aware of our international reputation and high quality faculty members.
Accommodation

TUMS international students live in the international residence halls. Our dormitories are two- or three- bedroom apartments. Most of the rooms are double occupancy and all rooms are furnished with beds, drawers, closets, desks, sofa sets, and chairs consistent with the number of students in each room. Each room is also equipped with a television set.

Access to the Internet is provided via hard-wired data ports as well as wireless systems. Each apartment is equipped with a full kitchen with a microwave oven as well as a washing machine and ironing board shared among the residents of the flat. Maintenance of the building is provided by trained personnel.

Mirzay-e Shariati girl’s Residence hall in Tehran hosts 70 students coming from across the globe. This luxurious apartment building is located in a vibrant neighborhood close to shops, movie theatres, parks, and restaurants. A quick ride of 7 to 10 minutes will take students to TUMS. Hajiabadi boy’s Residence hall in Tehran can host 60 students. Both buildings provide safety boxes, computer labs, fitness centers, and lounge to be used by TUMS international students.

Our international residence hall provides opportunities for students to become part of a diverse residential learning community that promotes personal growth and development. Residence hall living is filled with the challenges and excitement of living and learning. The Office of Student and Cultural Affairs is responsible for the social, recreational, cultural, and the management of the residence halls, and the enforcement of residential policies and procedures.

Please note if you have special requirements including but not limited to need for special soaps, washing products, etc., please think ahead and come prepared.

Local shops are in walking distance and students are able to shop for themselves.

NOTE: Shops in Tehran normally do not take foreign currency.

Useful Phrases in Farsi

<table>
<thead>
<tr>
<th>Persian/Farsi</th>
<th>English</th>
</tr>
</thead>
<tbody>
<tr>
<td>sobaam</td>
<td>Hello</td>
</tr>
<tr>
<td>khowii</td>
<td>How are you</td>
</tr>
<tr>
<td>mamoon</td>
<td>Thank you</td>
</tr>
<tr>
<td>khodaawafze</td>
<td>Bye</td>
</tr>
<tr>
<td>chand e</td>
<td>How Much</td>
</tr>
<tr>
<td>baakhe</td>
<td>Ok</td>
</tr>
<tr>
<td>beke</td>
<td>Yes</td>
</tr>
<tr>
<td>na</td>
<td>No</td>
</tr>
<tr>
<td>baak</td>
<td>Bring</td>
</tr>
<tr>
<td>bebar</td>
<td>Take</td>
</tr>
<tr>
<td>baake</td>
<td>Come</td>
</tr>
<tr>
<td>boro</td>
<td>Go</td>
</tr>
<tr>
<td>bebe</td>
<td>Give</td>
</tr>
<tr>
<td>ghazaa</td>
<td>Food</td>
</tr>
<tr>
<td>abbe</td>
<td>Water</td>
</tr>
<tr>
<td>goshnehe</td>
<td>Hungry</td>
</tr>
<tr>
<td>ser</td>
<td>Full</td>
</tr>
<tr>
<td>tesnehe</td>
<td>Thirsty</td>
</tr>
</tbody>
</table>

Learning Persian/Farsi

Non-Persian speaking international students are given the opportunity to learn Persian while/before completing their studies and living in Tehran. These classes are offered at Loghmatem Decir Helkide Institute & International Center for Persian Studies, the leading organization in teaching Persian in Tehran. TUMS covers the change of these classes for international students.

Food and Dining Options

Most shops in Iran sell a range of breads, dairy products, as well as canned foods. However, if you have special needs, it is recommended to think ahead and come prepared.

Bakeries around Tehran specialize in different types of Iranian flat bread, baguettes, sandwich bread or toast. Most common meats found in Iran are cow, sheep, chicken, and fish.

Rice is abundantly found and is the main source of carbohydrates in Iran. Fast food and sandwich shops are also available in the city of Tehran.
Libraries

Each school has its own library facilities onsite. TUMS has the most comprehensive networked central online library of digital database in Iran.

TUMS Digital Library Provides:
http://digital.tums.ac.ir/
- Access to 6000 full-text Journals
- Access to more than 40 million Abstracts in medical sciences
- Access to more than 500 electronic books
- Access to more than 5.5 Million full-text articles

TUMS Central Library

The construction of the central library located on Hemmat Campus started in 2011 in an area of 10,000 m². This library is an 11 story building that houses two digital study halls, a women-only study hall, a large room designated for workshops and group activities, an audio visual center, a general study hall, a precious books department, and a book store.
Money Matters

International students at TUMS will receive an ATM bank card. You are able to exchange money inside Iran. It is recommended to exchange some money at an official organization before you enter Tehran. Generally, shops and services do not accept foreign currency in Tehran.

There are facilities available close to your dormitories which will provide money exchange services.

- 500,000 Rials= 50,000 Tomans
- 20,000 Rials= 2,000 Tomans
- 100,000 Rials= 10,000 Tomans
- 10,000 Rials= 1,000 Tomans
- 50,000 Rials= 5,000 Tomans
- 5,000 Rials= 500 Tomans
- 1,000 Rials= 100 Tomans
- 500 Rials= 50 Tomans
Welcome

Contents

Introduction

Iran

Tehran

Student Life

......... Admissions Guideline

Schools

Appendix
Admissions Procedure

We greatly appreciate your interest in the International Campus of Tehran University of Medical Sciences. The Office of Admissions will do everything in its power to make the admission process as simple as possible.

All applicants must apply electronically on our website: www.gsia.tums.ac.ir. After an application is submitted, the applicant will receive a confirmation email and an application code from the Office of Admissions indicating successful submission of the application.

If any part of the application is incomplete, our Admissions Coordinator will request the missing information and mark the application incomplete until the requested information is submitted.

<table>
<thead>
<tr>
<th>1st: TUMS Website</th>
<th><a href="http://www.gsia.tums.ac.ir">www.gsia.tums.ac.ir</a></th>
<th>Apply</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application code assigned</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Admissions Review</td>
<td>Incomplete</td>
<td>Email</td>
</tr>
<tr>
<td></td>
<td>Complete</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Approved</td>
<td>Email to Applicant</td>
</tr>
<tr>
<td></td>
<td>Not Approved</td>
<td>Email to Applicant</td>
</tr>
<tr>
<td>2nd: TUMS Admission Committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>Email to Applicant</td>
</tr>
<tr>
<td>3rd: Scholarship Committee</td>
<td>Approved</td>
<td>Email to Applicant</td>
</tr>
<tr>
<td></td>
<td>Not Approved</td>
<td>Email to Applicant</td>
</tr>
<tr>
<td></td>
<td>Entering Iran</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Start at TUMS</td>
<td></td>
</tr>
</tbody>
</table>

All interested international students are welcome to apply to TUMS by completing and submitting the online application form on the website: www.gsia.tums.ac.ir.

Our rolling admissions process allows applications to be reviewed as soon as their information is complete. Our Fall semester starts at the end of September, and our Spring semester starts at the end of January.

If any part of the application form is incomplete, our Admissions department will request the missing information and mark your application incomplete until we receive the requested information.

The completed application form is reviewed in the preliminary review council (PRC). Once the initial preliminary review council (PRC) has made a decision, the application will be sent to the School and the related department, for an Admissions Review.

If you have requested or applied for a scholarship, your application is also forwarded to the Scholarship Committee.

If your application is accepted, it will be either “conditional” where we will provide detailed information to you about the condition of acceptance or “unconditional” with no terms attached.

You will be asked to confirm your acceptance by forwarding a completed Visa Application Form to the Admissions Office in order for us to process your entry visa.

Accepted applicants are strongly advised not to enter the country on a tourist visa. The student visa number will be sent to the accepted applicants by our office via email.

TUMS admission offers are valid for one year.

[Diagram of academic pathways: B.Sc., M.Sc., M.D., Ph.D., Specialty, Subspeciality, Fellowship, D.D.S., Pharm. D.]
Funding for 2013-2014

We understand that your choice of funding program is very important to you. There might be funding opportunities announced for international students who are interested in pursuing their studies at TUMS.

Students who are interested in funding opportunities announced are encouraged to include their request and the reason they should be awarded a scholarship as a part of their letter of motivation.

You are welcome to contact us at Admissions for more information.

Tuition Fee

TUMS does not charge an application fee. The tuition fee listed below will apply to the 2012-2013 academic year. The tuition is in U.S. dollars and is for one academic year.

Applications who are accepted at TUMS are notified of their tuition fee in their admission package which will be emailed to them.

Students will pay their one-year tuition in full at the time of registration (in U.S. dollars).

<table>
<thead>
<tr>
<th>Graduate Programs</th>
<th>Level</th>
<th>Tuition (K$/yr)</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Master’s (M.Sc., M.P.H.) Programs</td>
<td>3,000</td>
<td>2-3 yrs</td>
</tr>
<tr>
<td></td>
<td>Ph. D. Programs</td>
<td>5,000</td>
<td>3-5 yrs</td>
</tr>
<tr>
<td></td>
<td>Specialty</td>
<td>5,000</td>
<td>3-5 yrs</td>
</tr>
<tr>
<td></td>
<td>Fellowship</td>
<td>5,000</td>
<td>Determined by department</td>
</tr>
<tr>
<td></td>
<td>Subspecialty</td>
<td>5,000</td>
<td>2-3 yrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Undergraduate Programs</th>
<th>Name of the Program</th>
<th>Degree Offered</th>
<th>Tuition (K$/yr)</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>School of Medicine</td>
<td>Doctor of Medicine or M.D.</td>
<td>7,000</td>
<td>7 yrs</td>
</tr>
<tr>
<td></td>
<td>School of Dentistry</td>
<td>Doctor of Dental Surgery or D.D.S.</td>
<td>7,500</td>
<td>6 yrs</td>
</tr>
<tr>
<td></td>
<td>School of Pharmacy</td>
<td>Doctor in Pharmacy or Pharm.D.</td>
<td>6,500</td>
<td>6-7 yrs</td>
</tr>
<tr>
<td></td>
<td>Bachelor’s Programs</td>
<td></td>
<td>3,000</td>
<td>4 yrs</td>
</tr>
</tbody>
</table>
Admission and Entry Requirements

TUMS admits international students who meet academic admissions criteria.

Our rolling admission process allows applications to be reviewed as soon as they are complete. Applications are accepted all year round. Start of the Fall semester is in September, and Spring semester starts in late January.

Undergraduate Applicants

We consider you an undergraduate applicant if you have graduated from high school and are applying to our university. Undergraduate degrees are the first professional degree a student receives.

Graduate Applicants

A graduate applicant is a student who has already completed and obtained the first-level university degree and wishes to pursue his or her education beyond the first-level university study.

Selection Criteria for Applicants

- Academic Grade Point Average (GPA): Minimum 3.00/4.00 (or its equivalent)
- Proficiency in English: Acceptable TOEFL or IELTS score
  [IELTS score of 5.5 or equivalent TOEFL score is required upon graduation http://gsc.tums.ac.ir]
- Evidence of intellectual or creative achievement or substantial public service
  - Special talents, achievements, and awards in a particular field
  - Experiences that demonstrate promise for leadership
  - Academic accomplishments in light of the applicant’s life experience and special circumstances

Please also include an official English translation for all your documents.
Official Transcripts

A transcript is an official copy of your academic record. It is a document that provides information about all of your completed courses, grades, honors you have received, and the year and semester during which courses were taken. An official transcript is issued by the school with an original signature, signed, approved, and sealed by your country's Department/Ministry of Foreign Affairs.

English Language Scores

We accept both the TOEFL and the IELTS English language scores. Minimum IELTS score of 5.5 (or equivalent) is a requirement for graduation. For more information please visit our website: www.gsha.tums.ac.ir

Letters of Recommendation

A Letter of Recommendation highlights your academic and/or professional achievements. A well-written letter gives the Admissions Committee detailed information about the person you are and the professional person you will grow into. Letters of Recommendation are a significant part of your application, and you should put a great deal of effort into them. Ask former professors, teachers, deans, and/or supervisors to write you a Letter of Recommendation.

Before you request a Letter of Recommendation, here are a few things to keep in mind: In these letters, we want to know about your learning and research abilities, communication skills, leadership, compassion for others, reliability, work ethic, adaptation skills, and creativity. Your Letter of Recommendation must be written in English and should be addressed to TUMS.

Guidelines for Photos

1. In color
2. Taken in front of a plain white or off-white background
3. Taken in full-face view directly facing the camera
4. With a neutral facial expression and both eyes open
5. Taken within the last 6 months to reflect your current appearance

Letter of Motivation

It is highly important for us to know what makes you the best candidate for our university. Your Letter of Motivation is crucial to the members of the Admissions Committee. We are highly interested in your Letter of Motivation and we take special note of the following:

- Clarity of your thought
- Passion to study health sciences
- Willingness to go beyond your limit to help others
- Extra-curricular activities (art, sport, etc.)
- Life experiences, travel experiences, ability to adapt yourself in new environments
- Skills in modern communication and study tools (use of emails, and computer software)

Your letter must be written in English and be at least one page long. Your Letter of Motivation may be discussed with you during pre-selection interviews.

Résumé or C.V.

Your Résumé or C.V. is a highly important part of your application requirements. It helps us to know what makes you the best candidate for our university, and is crucial to the members of the admission committee.

Please make special note of the following while writing your Résumé or C.V.

Contents

1. Include your name, postal address, email address, and telephone numbers

Layout

1. Use consistent visual elements to attract attention and emphasize highlights (bold, italics, underlining, font sizes, and bullets)
2. Use standard fonts.

Writing quality

1. Be clear and concise
2. Be consistent, use similar style throughout
3. Be consistent in your use of punctuation
4. Use a variety of action verbs which describe situations and actions
Visa Process

At TUMS we will assist you in obtaining your visa after you have been admitted.

All international students are required to obtain a student visa from the Iranian Consulate/Embassy in their home country before departing for Iran. After we receive your completed visa study form (VSF), at least 8 weeks should be allowed for the completion of the visa application. In addition, all international students will be required to obtain a one-year student residence permit after arriving in Iran.

Students will enter Iran with a one-month visa. After visiting their school and familiarizing themselves with the schedule and surroundings, students will be accompanied to the Iranian Ministry of Science, Research, and Technology in order to process their one-year student visa.

The documents you need to bring with you to TUMS for registration are:

- Passport in original + 2 photocopies of main pages
- 15 photos (3cmX4cm)
- Two previous degree(s) in original + 2 photocopies of the degree(s) + Official Transcript(s)

Ph.D. candidates should provide both their Bachelor’s and Master’s (or any other related degree such as M.Phil., etc.)

All educational documents need to be approved (signed and verified) by:

- The Institution which has issued the degree
- The Ministry/Department of Education
- The Ministry/Department of Foreign Affairs

Please note that all of your documents need to be original, or else the copies should be proved same as original by the Head of the Certification Issuance Authority. For the documents which are not issued/written in English (or Persian), the English/Persian translation that is approved by a notary public should also be attached to the original document.

Your First Week in Iran

When you receive our email informing you of your visa number, you can go to the Iranian consulate/embassy with your passport to receive your visa. Please email us a copy of your ticket to Tehran a minimum of 10 days before your scheduled arrival time. We will make the necessary arrangements for your arrival. When you arrive in Tehran, a TUMS representative will greet you and transport you to your place of living at international student dormitories.

Next working day, you will be accompanied to TUMS Admissions Office where you will register and pay your tuition fee in US Dollars. Within the first week, we will take you to the Ministry of Science, Research and Technology to process your one-year student permit. Within your first week of arrival in Tehran, a TUMS representative will accompany you to register at DehHoda institute for Persian classes, TUMS covers the charge of these classes for international students.

Admissions Guidelines

Form Name | Waiting Period | Location | Address | Considerations |
--- | --- | --- | --- | --- |
Entry Visa Application form for Students | 6-8 weeks | | | |

One-Year Student Visa | 5 weeks | A. DIAD* B. Ministry of Science Research and Technology | A. TUMS Office of Admissions B. Number 27, Shohid Abbas Mosavi St., Ferdosi Sq. | Original passport must be submitted |

Exit and Re-entry Request | One week prior to Departure | A. DIAD* B. Ministry of Science Research and Technology | A. TUMS Office of Admissions B. Number 27, Shohid Abbas Mosavi St., Ferdosi Sq. | |

Exit Request (After graduation) | One week prior to Departure | A. DIAD* B. Ministry of Science Research and Technology | A. TUMS Office of Admissions B. Number 27, Shohid Abbas Mosavi St., Ferdosi Sq. | |

* Directorate of International Affairs and Development

What is Next

Your one-year student permit needs to be renewed every year you are a student. Please note you should visit the Ministry of Science, Research and Technology at least a month before the one-year permit expires to apply for the renewal. Office of Admissions will assist interested students while opening a bank account in Iran as well as processing their student health insurance. Students will also receive information on how to enter and complete the Health Screening Program (HSP).
School of Advanced Medical Technologies

School of Advanced Medical Technologies was established in 2008 as a graduate academic center to educate talented students at Ph.D. and M.Sc. levels. This School also offers post-doctorate program, fellowships, and short-term courses. School of Advanced Medical Technologies in Medicine is looking forward to establishing mutually interested collaborations with well-known academies and research centers throughout the world.

This school accepts students in the post graduate studies level. The curriculum is hoped to fill the gap between university and industry in medical sciences.

Educational Departments:

<table>
<thead>
<tr>
<th>Basic sciences</th>
<th>Medical nanotechnology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical informatics</td>
<td>Neurosciences and addiction studies</td>
</tr>
<tr>
<td>Molecular medicine</td>
<td>Applied cell sciences</td>
</tr>
<tr>
<td>Tissue engineering</td>
<td></td>
</tr>
</tbody>
</table>

Programs

| Addiction Studies   | Ph.D.                          |
| Medical Biotechnology| Ph.D.                          |
| Medical Nano Technology| M.Sc. Ph.D.             |
| Molecular Medicine  | Ph.D.                          |
| Neuroscience        | Ph.D.                          |
| Tissue Engineering  | Ph.D.                          |
| Applied Cell Sciences| Ph.D.                          |
Department of Applied Cell Sciences

Dr. A. Saradi kouchak sarrei
Dr. A. Hamidieh
Dr. J. Foridi

Contact
Applied Cell Sciences
j_foridi@sina.tums.ac.ir

Department of Medical Biotechnology

Research Interests
1- Antibodies engineering R&D
2- Therapeutic & diagnostic small molecules
3- Targeted drug delivery
4- Vaccine research
5- Biomarkers, Biosensors

Laboratories and Training Centers
1- SAMT Associated Laboratories
2- Molecular mycology Laboratory, School of public Health
3- Core facility, TUMS
4- Quality Control Laboratory, School of public Health

Degree Offered
Ph.D. in Medical Biotechnology

Counseling and Service
1- Biotech Lab. Setup and standardization and regulatory issues for official inquires
2- Eligibility/criteria for Ph.D. admission Based on TUMS and ministry of Health Official Regulations
3- Development Of cellular or Animal Models for Biotech - Research.

Faculty Members

Dr. M.D. Khoramzadeh
Dr. S. Rezaeei
Dr. M. Pournaj
Dr. G.A. Kardar
Dr. M. Amarnia
Dr. M. Amarnia
Dr. E. Sedroodi

Dr. E. Motawesh
Dr. L. Teymori
Dr. M. Amarnia

Contact
Medical Biotechnology
khoramzadeh@sina.tums.ac.ir
Department of Medical Nanotechnology

Dr. S. M. Rezaei
Professor
Dr. G. R. Pourmand
Professor
Dr. B. Bolon
Assistant Professor
Dr. R. Saber
Assistant Professor
Dr. S. Khavari
Assistant Professor
Dr. M. Bayati
Assistant Professor
Dr. M. Khezovani
Assistant Professor
Dr. H. Ghahbari
Assistant Professor
Dr. A. Amani
Assistant Professor
Dr. R. Farid
Assistant Professor
Dr. S. Sarkar
Assistant Professor

Contact:
Medical Nanotechnology
rezaei@irina.tums.ac.ir

Department of Molecular Medicine

Dr. R. Malekzadeh
Professor
Dr. M. Fajouhi
Professor
Dr. B. Nikbin
Professor
Dr. M. H. Mobarresi
Assistant Professor
Dr. A. Golestan
Assistant Professor
Dr. M. H. Ghahremani
Assistant Professor
Dr. G. H. Tavassii
Assistant Professor
Dr. P. Paskar
Assistant Professor
Dr. Z. Majd
Assistant Professor

Contact:
Molecular Medicine
mghahremani@tums.ac.ir

Department of Neurosciences and Addiction Studies

Dr. M. R. Zarrindast
Professor
Dr. M. G. Roshghi
Assistant Professor
Dr. M. Tehrani Doost
Assistant Professor
Dr. M. T. Jaghjehi
Professor
Dr. M. Karimian
Professor
Dr. M. Shafizadeh
Professor
Dr. A. Negishi
Assistant Professor
Dr. A. Mokri
Assistant Professor
Dr. M. Mehrpour
Assistant Professor
Dr. M. Norouzi
Assistant Professor
Dr. M. Zohretash
Assistant Professor
Dr. N. Vosoughi
Assistant Professor
Dr. A. Yonei
Assistant Professor
Dr. A. Torkamani Botorabi
Assistant Professor
Dr. M. B. Hajighasem
Assistant Professor
Dr. M. Farahmand Far
Assistant Professor

Contact:
Neurosciences and Addiction Studies
zarinn@tums.ac.ir

Department of Tissue Engineering

Dr. S. M. Tavangar
Professor
Dr. J. Hajie
Professor
Dr. A. Kajbafzadeh
Professor
Dr. M. Vasei
Professor
Dr. N. Ostad
Professor
Dr. J. Aye
Professor
Dr. J. Verdi
Assistant Professor
Dr. N. Lotfi
Assistant Professor
Dr. M. Azari
Assistant professor

Research Interests

1- Three-Dimensional tissue and cell culture
2- Tissue engineering by nano fiber scaffolds
3- IPS cells and endometrial stem cells
4- Neural differentiation using over expression of miRNAs
5- Design and synthesis of biomaterials for tissue engineering
6- Bioactive coatings/scaffolds for tissue engineering application
7- Bioactive scaffolds for neural tissue engineering

Contact:
Tissue Engineering
jafar.e@tums.ac.ir
School of Allied Medical Sciences

School of Allied Medical Sciences is organized into several divisions through which degree programs are offered. Today, the school has nearly 1500 students and offers several courses to study, including master’s and doctoral programs, pioneers in their respective fields.

Ph.D.
- Hematology and Blood Transfusion
- Health Information Management
- Librarianship & Medical Information
- Medical Informatics

M.Sc.
- Hematology and Blood Transfusion
- Health Information Technology (HTA)
- Medical Biotechnology
- Librarianship & Medical Information
- Radiobiological Studies & Radiation Protection
- Medical Informatics

B.Sc.
- Medical Records
- Health Information Technology (HTA)
- Radiotherapy Technology
- Operation Room Technology
- Health Care Management
- Radiology Technology
- Nuclear Medicine Technology
- Medical Laboratory Sciences Technology
- Anesthesia Technology

Dean of College:
Hossein Dargahi, Ph.D. in Health Care Management, Associate Professor of Health Care Management Department
Email: dargahi@shina.tums.ac.ir
Tel: +9821-88622755
Fax: +9821-88622533
Deputy of Educational Affairs:
Monireh Rahimkhani, Ph.D. in Medical Bacteriology
Associate professor at Department of Medical Laboratory Sciences
rahimkhani@tums.ac.ir
Tel: +9821-86704711
Fax: +9821-88622533

Deputy of Research Affairs:
Razie Safdar, Ph.D. in Health Information Management
Associate professor at Department of Health Information Management
Email: safdar@tums.ac.ir
Tel: +9821-86704711
Fax: +9821-88622533

Deputy of Student & Cultural Affairs:
Shahab Alanadi, Ph.D. in Hematology & Blood Transfusion
Assistant Professor at Department of Hematology & Blood Transfusion
Email: alamadih1982@gmail.com
Tel: +9821-86704711
Fax: +9821-88622533

Director of Post Graduate:
Associate Professor
Seyyed Amir Yazdanparast Ph.D.
yazdanparast@tums.ac.ir
Tel: +9821-86704711
Fax: +9821-88622533

Director of International Affairs:
Dr. Mirco Shehdi
Ph.D. in Immunohematology
Email: m1989@yahoo.com
Tel: +9821-86704707
Fax: +9821-88622533

Director of Public Relation:
Mrs. Elehm Haghsenas
Tel: +982186704618
Fax: +982188622533
Email: ehaghsenas@gmail.com
School of Dentistry

When Daral-Fonoon was founded in 1849, dentistry was taught as a sub-branch of medicine at the same school. After establishing Tehran University in 1934, dentistry separated as an independent school. TUMS School of Dentistry is the foremost dental centre in Iran with an international reputation for scholarly activities in both clinical and biological sciences. According to the national ranking, TUMS School of Dentistry is the first school out of the 45 dental schools of the country. Our school as a professional educational institution, offers a full range of academic courses including a comprehensive undergraduate program and postgraduate programs in, the collaboration with highly experienced faculty members through proper facilities and the most advanced methods.

Language: All courses are in English, but the language of communication with patients is in Persian, so it is strongly advised that the applicant is at least one semester prior to start of your program in Persian language course. Please read page 12 for more information for more information about these courses. You can also visit our website www.gsea.tums.ac.ir

Undergraduate programs:
We offer the following undergraduate opportunities:
- 4-year program in Dental Laboratory Technology, which offers a BSc degree.
- 6-year program in Dentistry, which is provided different departments

Departments:

- Community Oral Health
- Dental Laboratory Technology
- Dental Materials
- Endodontics
- Oral and Maxillofacial Medicine
- Oral and Maxillofacial Pathology
- Oral and Maxillofacial Radiology
- Oral and Maxillofacial Surgery
- Orthodontics
- Pediatric Dentistry
- Periodontology
- Prosthodontics
- Radiology
- Restorative Dentistry

Postgraduate programs:
There are various short and long term postgraduate courses for national and international students. The most popular course is the “Master of Clinical Dentistry” in which the accepted applicants will be the residents of the corresponding departments for 3 years becoming eligible for the National Board Exam. In addition to the long term courses, there are some short term mastership courses in Microscopic Endodontics and Implantology.

- Master of Clinical Dentistry or Specialty (2-3 years)
  - Endodontics
  - Paediatric Dentistry
  - Periodontology
  - Prosthodontics
  - Oral and Maxillofacial Medicine
  - Oral and Maxillofacial Pathology
  - Oral and Maxillofacial Surgery
  - Oral and Maxillofacial Radiology
  - Orthodontics
  - Restorative Dentistry

- Ph.D. (4 years)
  - Dental Materials
  - Community Oral Health

- Fellowship (1-2 years)
  - Cosmetic Oral and Maxillofacial Surgery
  - Craniofacial and Paediatric Oral and Maxillofacial Surgery
  - Hospital Dentistry
  - Implant Dentistry (Periodontology)
  - Implant Dentistry (Prosthodontics)
  - Implant Dentistry Oral and Maxillofacial Surgery
  - Laser
  - Oral and Maxillofacial Oncology
  - Oral Biology
Community Oral Health Faculty Members:

Full-time:

Khani, Mohammad R.; D.D.S., Ph.D.
Graduated from Tehran University of Medical Sciences, Iran, in Pediatric Dentistry
http://tums.ac.ir/faculties/khani

Yaadani, Reza; D.D.S., Ph.D.
Graduated from Tehran University of Medical Sciences, Iran, in Community Oral Health
http://tums.ac.ir/faculties/yaadani

Jafari, Ahmad; D.D.S., M.S.
Graduated from Shahed Beheshti University of Medical Sciences, Iran, in Pediatric Dentistry
http://tums.ac.ir/faculties/jafari

Pakdaman, Afshin; D.D.S., M.P.H., Ph.D.
Graduated from Sydney University, Australia in Community Oral Health Post-graduate Coordinator
http://tums.ac.ir/faculties/pakdaman

Mohammadi, Simin Z.; D.D.S., Ph.D.
Graduated from Tehran University, Iran in Community Oral Health and Vise Dean, Coordinator of the International Affairs
http://tums.ac.ir/faculties/siminth

Razeghi, Samaneh; D.D.S., M.S.
Graduated from Tehran University of Medical Sciences, Iran, in Pediatric Dentistry
http://tums.ac.ir/faculties/siminth

Hassani, Hessan; D.D.S., Ph.D.
Graduated from Tehran University, Iran in Community Oral Health
http://tums.ac.ir/faculties/hassan

Sargani, Katayoun; D.D.S., Ph.D.
Graduated from Tehran University, Iran in Community Oral Health
http://tums.ac.ir/faculties/k.sargani

Part-time:

Khanazi Fard, Mohammad J.; D.D.S., Ph.D.
Candidate in Epidemiology
Tehran University of Medical Sciences, Iran

Shamsi, Ahmad R.; M.D., Ph.D.
Epidemiologist
Tehran University of Medical Sciences, Iran

Soroush, Mahdi; D.D.S., M.P.H.
Graduated from Kerman University of Medical Sciences, Iran

Mohajam, Zahra; D.D.S.
Graduated from Tehran University of Medical Sciences, Iran

Pourmomeni, Leila; D.D.S.
Graduated from Tehran University of Medical Sciences, Iran

Contact:
For further information on post-graduate program in Oral Public Health, please contact:

Dr. Simin Z. Mohammadi
Coordinator of the International Affairs Department of Community Oral Health
School of Dentistry
Tehran University of Medical Sciences (TUMS)
E-mail: simin.mohammadi@tums.ac.ir
simin.mohammadi@tums.ac.ir
Tel.: (+98 21) 88 49 74 27
Fax.: (+98 21) 88 49 74 60

Postgraduate program in Community Oral Health:

In 2000, the department of Community Oral Health started its work as a postgraduate discipline in dentistry. The Department of Community Oral Health offers two types of postgraduate programs. The first program: This program will consist of two stages. Coursework in the first two years consists of 23 subjects. Research in the following two years will be completed with the preparation of an article-based thesis on original research. The graduates of the program have the opportunity to work as researchers in research centers, provincial community health and oral health centers, or to work as academics at university level.

Degree awarded: Ph.D. in Community Oral Health
Duration: 4 years, full-time

The second program: The program contains 28 specific credits in the first year, two credits of field experience, and 4 credits devoted to the dissertation in the last semester.

Degree awarded: Masters of Dental Public Health (MDPH)
Duration: 1.5 years, full-time

Main Areas of Research:

• Epidemiological studies of oral health problems (dental caries, periodontal disease, oral cancer, trauma, malocclusion) in different age groups
• Planning and evaluation of oral health promotion programs for populations
• Designing and evaluating dental care delivery systems
• Communicating and collaborating with other health related sectors to determine the relationship between oral health and general health
• Preparing oral health promotional guidelines
• Taking advantage of the modern technology to optimize the quality of preventive care
• Evaluating and designing oral health surveillance systems
• Evaluating the need for human resources in oral health care systems
• Evaluating and revising dental curriculums
• Planning and evaluating new educational methods in dental education
• Evidence-based dentistry
• Incorporation of ethical standards and professionalism in oral health activities and education
• Preventive and non-invasive management of caries

SCHOOLS
School of Dentistry

73

74
Dental Biomaterials Department was recognized as a postgraduate program in dentistry by the Council for Dental Education and Postgraduate Programs in 1999. In collaboration with the School of Advanced Medical Technologies, the department offers a Ph.D. course in Dental Biomaterial for home and international candidates since 2007.

Degree awarded: Ph.D. in Biomaterials
Duration: 4 years, full-time

Training will be provided at school of Dentistry with the collaboration of Research Center and technology in Medicine. The program consists of coursework and research. All students are required to take the core courses during their first two years, consisting of 30 credit units. Coursework is planned to focus on the basic knowledge of materials sciences, biomaterials, biocompatibility and professional skills for material analysis, as well as concentrated study on dental biomaterials. Students are required to participate in certificatory University research skills workshops in order to pass the coursework stage. During this period, under the supervision of department staff, the candidates must get involved in research projects and publish their study in an ISI or Pubmed indexed journal. After the successful completion of coursework stage, the candidates will start research course, leading to an article-based thesis of their original research.

Main Area of Research:
- Nano-science and Nano-Materials
- Dental and oral tissue engineering
- Dental polymers and composites
- Dental bioceramics
- Adhesion
- Dental alloys
- Dental biomaterial and Laser

For further information on various programs, please contact
Dr. MH-Nekooifar
Vice Dean, International
E-mail: NekooifarM@gmail.com
Tel: (+98)9121167157
Fax: (+9821) 88015800
Dental Biomaterials Faculty Members:

Dr. Tahereh-sadat Jafarzadeh – Assistant Professor [Head of Department]
Jafarzat@tums.ac.ir
D.D.S., Tehran University of Medical Sciences; School of Dentistry, Iran [1990]
Ph.D., University of Manchester, England [1998]

Dr. Farhad Shafiee - Assistant Professor
(Graduate education supervisor)
faradent@yahoo.com
D.D.S., Tehran University of Medical Sciences; School of Dentistry, Iran [1994]
Ph.D., University of Tokyo, Japan [2003]

Dr. Sina Shahabi – Associate Professor
shahabi@siarna.tums.ac.ir
D.D.S., Jahad University of Medical Sciences; School of Dentistry, Iran [1989]
Ph.D., University of Queensland, Australia [1997]

Dr. Tahereh-ston Hoshmand - Associate Professor
hoshmand@siarna.tums.ac.ir
D.D.S., Tehran University of Medical Sciences; School of Dentistry, Iran [1994]
Ph.D., University of Sheffield, England [1999]

Dr. Mohammad Hossein Nekoufori - Assistant Professor
& honorary lecturer of Cardiff University, UK
Vice Dean (Global Strategies & International Affairs)
Nekoufori@ukcardiff.ac.uk
Diplomat, Iranian Board of Endodontics (IBE)
Ph.D. in Dental Biomaterial (Cardiff, UK)

Contact:
For further information on post-graduate program in Dental Biomaterials, please contact:

Dr. Tahereh-ston Jafarzadeh
Coordinator of the International Affairs,
Department of Dental Biomaterials
School of Dentistry,
Tehran University of Medical Sciences [TUMS]
E-mail: jafarzat@siarna.tums.ac.ir
School of Medical Management and Information

History & Goals
School of Medical Management and Information was founded in 1976. Currently the school includes eight academic departments with overall 40 faculty members (18 Female and 22 Male), providing educational and research services to a wide range of undergraduate and postgraduate students.

Building on its interdisciplinary, well-educated and hardworking faculty, School of Medical Management and Information aspires to be the flagship public teaching and research school of health management sciences in the country and region. As such, it endeavors to educate and prepare current and future students/professionals for management, policy-making and teaching positions in a variety of healthcare settings and institutions of higher education and healthcare organizations, by providing them with the latest knowledge and skills necessary to address critical issues in today’s complicated and rapidly-changing healthcare environment. Moreover, the school aims to establish and extend collaboration with healthcare organizations across the country to promote applied health services knowledge through providing executive education and consultancy. The ultimate goal of the school is to improve the quality of health services provided to the community through evidence-based research.

Academic Departments: Health Services Management, Health Information Management, Medical Library Sciences, Health Information Technology, Health Economics, Mathematics and Statistics, English Language, Persian Literature.

The available degrees and specialties for international students/professionals

<table>
<thead>
<tr>
<th>Ph.D. + Health Services Management</th>
<th>M.Sc. Health Services Management</th>
<th>One-year programs Hospital Management</th>
<th>Short courses Health Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Policy</td>
<td>Health Policy</td>
<td>Health System Management</td>
<td>Clinical Governance</td>
</tr>
<tr>
<td>Health Management in Disaster and Emergencies**</td>
<td>Health Management in Disaster and Emergencies</td>
<td>—</td>
<td>Accreditation of Healthcare Organizations</td>
</tr>
<tr>
<td>—</td>
<td>Health Economics</td>
<td>—</td>
<td>Risk Management in Health Care</td>
</tr>
<tr>
<td>—</td>
<td>Health Information Technology</td>
<td>—</td>
<td>Patient Safety</td>
</tr>
<tr>
<td>—</td>
<td>Medical Library</td>
<td>—</td>
<td>Strategic Planning and Management</td>
</tr>
<tr>
<td>—</td>
<td>Medical Informatics</td>
<td>—</td>
<td>Quality Management and Systems</td>
</tr>
<tr>
<td>—</td>
<td>Biostatistics</td>
<td>—</td>
<td>Performance Measurement and Management</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Leadership for Health Managers and Professionals</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Financing and Outsourcing in Health Care</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Effective Communication for Health Professionals/Managers</td>
</tr>
</tbody>
</table>

* By course and by research
** Only available by research for new students

Contact information:
Dr. Jafaripooyan
International Affairs
School of Health Management and Information Sciences
Email: Jafaripooyan@shms.tums.ac.ir
Website: http://shms.tums.ac.ir
School of Medicine

In 1849, the first modern class of medicine at Dar-ol-Fonoon School was founded and the first group of graduates started practicing in 1856. School of Medicine provides an unparalleled education that prepares students to be excellent, well-rounded physicians based on international standards. At TUMS School of Medicine Undergraduate applicants are also able to apply for M.D. degree. Please note that the language of instruction and patient interaction will be Persian/Farsi. TUMS professors speak English. PowerPoint presentations and books are in English, exams might be given in English. Please make arrangements to come at least one semester before the start of your sessions to start your Persian/Farsi instruction classes. Please read page 42 for more information about these courses. You can also visit our website: www.glea.tums.ac.ir

M.D., D.D.S., or Pharm. D. students will complete 2 years pre clinical courses at Kish Island in Iran.

At Tehran University of Medical Sciences (TUMS), regular Fall semester starts Late September and Spring semester starts Late January. Our M.D., D.D.S. and Pharm. D. students start their sessions in the Spring semester, late January.

Departments in Basic Sciences
- Anatomy
- Histology
- Medical Ethics
- Molecular Medicine
- Pharmacology
- Virology
- Biochemistry
- Immunology and Biology
- Medical Physics and Biomedical Engineering
- Neurology
- Physiology
- Medical Genetics
- Medical Education
- Microbiology
- Parasitology
- Reproductive Biology

Departments in Clinical Sciences
- Anesthesiology
- Dermatology
- Forensic Medicine
- Internal Medicine
- Neurosurgery
- Occupational Medicine
- Orthopedics
- Plastic and Reconstructive Surgery
- Radiology
- Sport Medicine
- Diseases
- Cardiology
- Emergency Medicine
- General Surgery
- Legal Medicine and Occupational Medicine
- Nuclear Medicine
- Oncology and Radiotherapy
- Pathology
- Psychiatry
- Tropical Medicine and Infectious
- Community Medicine
- ENT
- Geriatrics
- Neurology
- Obstetrics and Gynecology
- Ophthalmology
- Pediatrics
- Pulmonary Medicine
- Social Medicine
- Urology

Contact Information:
Email: med_pr@tums.ac.ir
webmail: www.medicine.tums.ac.ir
Tel: +98 21 - 66 40 09 12
Fax: +98 21 - 88 95 30 00
Medical Genetics

In line with expansion and advancement of basic sciences in medicine and in light of great progress in genetics and solid placement of medical genetics among a collection of knowledge base in domain of health in particular, the University Council in the year 1990 agreed with the establishment of the Medical Genetics Department.

Establishment the department, which was formerly active as a division under the Pathology Department, became proof and symbol of union between the basic sciences and the medical sciences.

With completion of construction of Molecular Genetics and Cytogenetics Laboratory in summer of 2005, the Medical Genetics Department gradually, in addition to teaching activities, began its research activities. In 2003, the Human Genetics Department of School of Public Health the Medical Genetics Department at school of Medicine.

Currently, this department is the only formal teaching department of the University in Genetics which offers Masters in Science (M.Sc.) and Doctor of Philosophy (Ph.D.) courses in medical genetics.

Medical Physics Laboratory

TUMS Medical Physics Laboratory was established by Dr. Farzad, 1939.

In 1966, the Medical Physics Laboratory changed name to Medical Physics group under the supervision of Dr. Mansoureh, and Dr. A. Poohshian was appointed head of the Department of Physiology and Dr. Azizi the head of Medical Physics department.

In 1971, a new department combining Physiology, Pharmacology and Medical Physics disciplines was formed; this group was separated in 1973 creating the Medical Physics Laboratory as an independent discipline.

The Medical Physics Department has been headed by Dr. Saeed Sarkar (1996 – 2004), Dr. Hossein Gharani (2005-2010), Dr. Mohammad Ali Oghabian (2004-2005), Dr. Mohammad Javed Abdolbessani (2007-2009), and Dr. Aliroza Ahmadian (2009 to present).

Medical Physics and Medical Engineering have been taught in master’s as well as Ph.D. level, and the number of faculty members and departments has increased remarkably.

At the moment, the faculty members of this department have an active presence in the Institute of New Technology, Cancer Institute of Imam Khomeini Complex, Eye Research Center at Farabi Hospital, and Nuclear Research Center at Sharif Hospital. Moreover, the faculty members have close cooperation in health care, education and research with radiotherapy group, radiology and nuclear medicine, biomedical, medical imaging, molecular imaging, medical nanotechnology, robotic surgery, and laser optics.
School of Nursing and Midwifery

HISTORY & GAOL
School of Nursing and Midwifery is proud of its 70+ year history of education and pioneering position in research. Established in 1936, this school has always been one of the reputed schools nationally and regionally. With more than 1471 undergraduate and graduate nursing and midwifery students, 83 faculty members and presenting top alumni at all levels, this school is an influential center of education and research in virtually all national and regional nursing and midwifery events. Nursing education program in this school was initiated as a two-year hospital-based Diploma, then a three-year Bachelor Degree in nursing; however it developed steadily over years which resulted in a wide range of undergraduate and graduate programs.

History of this steady improvement is as follows:

Goal: Our goal is discovering, disseminating and applying new knowledge through undergraduate, graduate and professional programs of excellent quality and within a vibrant and supportive learning and research environment. Development of new nursing knowledge is another goal for which we continue to promote high-quality research through:
1) Providing an environment conducive to research,
2) Emphasizing research, publication and related professional contribution especially in new fields of research,
3) Attracting students whose abilities and aspirations match the programs available.
4) Providing information, library and research services of the highest national and international standards.
This School is also committed to collaborate with other national, regional and international universities, organizations, industry, business and professions where appropriate to teaching, learning and research objectives and highest academic standards achievements.

ADMINISTRATION
Dean
Dr. Mohammad Ali Cheshmeh, Assistant Professor, Ph.D. in Nursing
Tel: +9821 66933600
Email: admin@tums.ac.ir

Deputy for Education
Dr. Shahrzad Ghiyasvandian, Assistant Professor, Ph.D. in Nursing
Tel: +9821 66425739
Email: education@tums.ac.ir

Deputy for Research
Dr. Azam Bahreini, Associate Professor, Ph.D. in Health Promotion
Tel: +9821 66941669
Email: research@tums.ac.ir

Deputy for Finance and Administrative affairs
Mr. Abbas Hooshmand
Lecturer, M.Sc. in Nursing
Tel: +9821 66936968
Email: finance@tums.ac.ir

Deputy for Culture & Students Affairs
Mrs. Arpano Orashi
Lecturer, M.Sc. in Immunology
Tel: +9821 61059539
Email: culture@tums.ac.ir

Director of Post Graduate Office
Dr. Alinejad Nabi Khani, Nasrabadi
Associate Professor, Ph.D. in Nursing
Tel: +9821 66921144
Email: education@tums.ac.ir

Director of International Affairs office
Professor Mahvash Saberi, Professor, Ph.D. in Nursing
Tel: +9821 66921713 (19-130)
Email: internationaloffice@tums.ac.ir

Director of Public relation
Mrs. Shima Sadat Atri
M.Sc. in Social Communication Sciences
Tel: +9821 66925565
Email: publicoffice@tums.ac.ir
### DEPARTMENTS:

<table>
<thead>
<tr>
<th>Programs</th>
<th>Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Surgical Nursing</td>
<td>*</td>
</tr>
<tr>
<td>Community Health Nursing</td>
<td>*</td>
</tr>
<tr>
<td>Psychiatric Nursing</td>
<td>*</td>
</tr>
<tr>
<td>Pediatric Nursing</td>
<td>*</td>
</tr>
<tr>
<td>Nursing Management</td>
<td>*</td>
</tr>
<tr>
<td>Obstetrics and Gynecology</td>
<td>*</td>
</tr>
<tr>
<td>Mother and Child Health</td>
<td>*</td>
</tr>
<tr>
<td>Reproductive Health</td>
<td>*</td>
</tr>
<tr>
<td>NICU</td>
<td>*</td>
</tr>
<tr>
<td>Critical Care Nursing (Adult)</td>
<td>*</td>
</tr>
<tr>
<td>Geriatric Nursing</td>
<td>*</td>
</tr>
</tbody>
</table>

### INTERNATIONAL COLLABORATIONS:

School of Nursing & Midwifery collaborates with universities, faculties, and educational centers around the world in a commitment to support the creation of internationally vibrant learning & research environment.

In order to develop our international partnership & projects, actively participate in international events, and enrich the learning & teaching environment, we are currently collaborating with:

1. World Health Organization (WHO)
2. Eastern Mediterranean Regional office (EMRO)
3. Karolinska University (Research and education collaboration)
4. Recruit International graduate Students (Iraq)

There is also a running collaborative research project between Iran, Finland, and Norway.
School of Nutritional Sciences and Dietetics

The Department of Nutrition and Biochemistry and Department of Health Sciences and Nutrition at School of Public Health were merged to form Graduate School of Nutritional Sciences and Dietetics (NSD) in 2010 with three departments, namely, Community Nutrition, Clinical Nutrition, and Cellular and Molecular Nutrition. The Graduate School has 23 full-time faculty members (9 females & 14 males). It follows goals such as capacity building and professional training in various areas of nutrition and dietetics; expanding nutritional knowledge and culture; safeguarding national noble nutrition culture and its spiritual heritage; and providing a forum for scientific collaboration with individuals, as well as with national and international governmental and non-governmental organizations.

Departments and Divisions

<table>
<thead>
<tr>
<th>Sciences</th>
<th>Department</th>
<th>Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic</td>
<td>Cellular and Molecular Nutrition</td>
<td>Cellular Nutrition</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Molecular Nutrition</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Biochemical Nutrition</td>
</tr>
<tr>
<td>Clinical</td>
<td>Clinical Nutrition</td>
<td>Dietetics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hospital Nutrition</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vulnerable Groups Nutrition</td>
</tr>
<tr>
<td>Community</td>
<td>Community Nutrition</td>
<td>Food and Nutrition Policy and Programming</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nutritional Epidemiology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>At-Risk Groups Nutrition</td>
</tr>
</tbody>
</table>

Degrees offered by School

<table>
<thead>
<tr>
<th>Ph.D.</th>
<th>M.Sc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nutritional Sciences</td>
<td>Nutritional Sciences</td>
</tr>
<tr>
<td>Public Health Nutrition</td>
<td>Public Health Nutrition</td>
</tr>
</tbody>
</table>

Courses offered by the School

M.Sc. Levels: Advanced Nutrition 1 & 2; Advanced Nutritional Physiology; Clinical Nutrition; Community Nutrition; Community Nutrition Assessment; Community Nutrition Programs; Nutrition Education and Counselling; Nutritional Epidemiology; Current Topics in Nutrition; Research Methodology in Nutritional Sciences; Food Safety; Seminar; Medical Information Systems; Computer Application in Nutrition and Health Surveys; Experimental Nutrition; Food and Nutrition Planning; Advanced Specialized English for Nutrition; Molecular Biology.

Ph.D. Levels: Advanced Research Methodology in Nutrition; Advanced Biostatistical Methods; Regulation of Metabolism; Nutrition and Disease; Nutrition Planning and Program Management; Cellular and Molecular Nutrition; Seminar.

Postal Address:
School of Nutritional Sciences and Dietetics, Tehran University of Medical Sciences (TUMS), P.O. Box: 14155-6117, Tehran, IRAN.
Tel: +9821-88622706
Fax: +9821-88622707
School of Pharmacy

When Tehran University was founded in 1934, The Faculty of Pharmacy was a part of School of Medicine and Dentistry. Pharmacy began as a five-year program and required a high school diploma for admission.

In 1988, postgraduate degrees were offered for the first time, and today the school trains more than 50% of all experts in this field in Iran. The School of Pharmacy is one of the most active and best-equipped educational and research centers in Iran. The school’s curriculum provides students with the opportunity to develop their skills both in theory and practice. The curriculum provides graduates with the opportunity to work in industrial and pharmaceutical companies, quality control laboratories, poison control centers, cosmetics companies, cellular pharmacology, herbal medicine, biotechnology research, and academia.

Pharmacy - Doctor in Pharmacy or Pharm.D.

M.D., D.D.S., and Pharm. D. students please NOTE that the language of instruction and patient interaction will be Persian/Farsi. TUMS professors speak English. PowerPoint and books are in English, exams might be given in English. If you do not have knowledge of Persian/Farsi, and you are a M.D., D.D.S., or Pharm. D. student please be advised that your classes will be held in Persian. Please make arrangements to come at least one semester before the start of your sessions to start your Persian/Farsi instruction classes.

M.D., D.D.S., or Pharm. D. students will complete 2 years pre clinical courses at Kish Island in Iran.

At Tehran University of medical Sciences (TUMS), regular Fall semester starts Late September and Spring semester starts Late January. Our M.D., D.D.S. and Pharm. D. students start their sessions in the Spring semester, late January.

The School of Pharmacy offers graduate training in Specialty and Ph.D. levels to highly motivated individuals. Graduate training consists of a sequence of required core courses, elective courses, faculty-directed research experience, and an original research project leading to a final thesis or dissertation. Students may select to specialize in clinical or basic research by choosing Medical Chemistry, Biotechnology, pharmacoeconomics, Toxicology, or Pharmacology Science as their area of study.

Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drug Control</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Economics and management of drug</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Medicinal Chemistry</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Nuclear Pharmacy</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Pharmaceutical Biology</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Pharmaceutical Biotechnology</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Pharmaceutical Nanotechnology</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Pharmacaceutics</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Pharmacognosy</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Pharmacotherapy</td>
<td>Specialty</td>
</tr>
<tr>
<td>Toxicology and Pharmacology</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Supervision of Pharmaceutical Affairs</td>
<td>M.Sc.</td>
</tr>
</tbody>
</table>

Ph.D. in Pharmaceutical Sciences Research Center (PSRC)

The PSRC of Tehran University of Medical Sciences (TUMS) was established in mid 2003. The PSRC tries to spread interest in research among students to recruit and support researchers at all academic levels. In order to conduct both fundamental and applied (practical) research in different fields of pharmaceutical sciences, and to promote research methods and training. After passing a one year M. Phil, successful candidates will start their Ph.D. courses that will last 3 years. Courses in both stages are based on research methods in the field of pharmaceutical sciences depending on the mentor’s main interests. The PSRC represents Ph.D. by Research in two main lines:

1. Synthesis and biological effects of new compounds
   Professor Abbas Shafiee and Alireza Forouzandeh

2. Mechanisms of action and toxicity of novel products
   Professor Mohammad Abdolali

For more information and a complete CV of mentors please check the website http://psrc.tums.ac.ir. If you have any specific questions, please do not hesitate to contact the professors.
School of Public Health

The goals of School of Public Health is to educate specialists in postgraduate fields of health sciences, to do field studies on the country’s health problems, to devise necessary executive plans, and to cooperate with national and international organizations. In teaching, the specific objectives of this School is for our students to gain an understanding of how health care affects global economy and government policies, to gain management skills and health economics, to learn about how psychological and sociological issues affect health care research and practices, to gain a broad knowledge of biological and chemical sciences, and to become a critical thinking, broad minded, and ethical individual. The School’s research programs are meant to promote experimental sciences and applied research.

<table>
<thead>
<tr>
<th>Programs</th>
<th>M.Sc.</th>
<th>Ph.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biostatistics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entomology and Vector Control</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Health Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epidemiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ergonomics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food Microbiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food Safety and Hygiene</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Economy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health in Emergencies and Disaster</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Policy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Services Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Technology Assessment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Master of Public Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M.D-MPH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical Bacteriology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical Immunology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical Myology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical Parasitology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microbiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nutrition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Occupational Health Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Health in Nutrition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Virology</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Occupational Health Engineering

The Department of Occupational Health Engineering was founded in 1968 for the purposes of promoting occupational health and providing excellent training for industrial hygienists. Occupational health engineering is a multidisciplinary field: it involves related fields such as Engineering, Environmental Science, Chemical Engineering, Psychology, Physics, Physiology, Social Science and Nano-Technology Science.

Degrees Offered:

We offer the following degrees in these fields:

**Part 1: Safety**
- **Ph.D.** Risk Assessment
  - System Safety
  - Workplace Safety (Safety Performance Plan)
- **M.Sc.** Workplace Safety (System Safety)
- **B.Sc.** Risk Assessment and Management
  - Safe Use of Toxic Chemicals
  - Workplace Safety (Chemical Safety)
  - Workplace Safety (Machinery Safety)

**Part 2: Chemical Agents**
- **Ph.D.** CFD Applications in Industrial Ventilation
  - Introduction to Air Pollution Emission Models
  - Nanotechnology and Occupational Health
  - Theories of Air Filtration
- **M.Sc.** Design of Air Pollution Control Systems in the Workplaces
  - Evaluation of Air Pollution
  - Modeling in Occupational Hygiene
- **B.Sc.** Analysis and Evaluation Of Air Samples
  - Design of Industrial Ventilation
  - Gases and Aerosol Dynamics
  - Principle of Sampling Of Air Pollutants

**Part 3: Physical Agents**
- **Ph.D.** Human and Vibration
  - Lighting
  - Noise and Vibration
  - Psychoacoustics
  - Radiations
- **M.Sc.** Design of Heat, Cold, and Humidity Control System
  - Design of Lighting in Workplace
  - Design of Noise and Vibration Control System
  - Radiations Protection in Workplace
- **B.Sc.** Lighting in Workplace
  - Noise and Vibration in Industry
  - Radiation Hygiene
  - Thermal Stresses in Workplace

**Part 4: Ergonomics**
- **Ph.D.** Advance Ergonomics
- **M.Sc.** Anthropometry and Biomechanics
  - Applied Human Factors Engineering
  - Environmental Ergonomics
  - Ergonomics Evaluation Techniques
  - Ergonomics in Manual Material Handling
  - Ergonomics Principles
  - Industrial Psychology and Ergonomics
- **B.Sc.** Human Factors Engineering
  - Industrial Psychology

**Part 5: Toxicology**
- **Ph.D.** Instruments Analysis
  - Modern Occupational Toxicology
- **M.Sc.** Applied Occupational Toxicology
  - Occupational Toxicology
- **B.Sc.** Occupational Toxicology
The Department’s Faculty Members and their Research Interests

Javad Adl, Assistant professor
Safety Engineering and Risk Assessment

Mehdi Ghasemkhani, Associate professor
Industrial Toxicology

Farideh Golbaba, Professor
Air Filtration, Thermal Environment

Hossein Kakooei, Professor
Asbestos, Silica, VOC, Air Pollution, Nanotechnology in Air Purification, Industrial Lighting

Adel Masboumi, Assistant professor
Ergonomics (Human Error, Cognitive Ergonomics, Objective Evaluation), Risk Assessment

Mohammad Reza Mohammadi, Associate professor
Sound and Vibration, Ionizing and Non-Ionizing Radiation, Control of Sound

Parvin Nassari, Professor
Hazardous Physical Agents (Noise and Vibration), Control in Industrial and Environmental, Ionizing and Non-Ionizing Radiation, Control of Heat Stress

Jibrail Nasir Sargh, Professor
Ergonomics [Macro, Micro and Cognitive]

Mohammad POORMANBADIAN, Associate professor
Ventilation and Air Pollution

Ali Reza Sedigh, Assistant professor
Toxicology

Seyed Jamaloddin SHAH TAHERI, Professor
Industrial Toxicology, Nanotoxicology

Zakerian ABOLFAZL, Assistant professor
Ergonomics (Macro and cognitive)
School of Rehabilitation

School of Rehabilitation is the oldest institution in charge of developing the specialized manpower needed for rehabilitation health care, educational, and research services at universities and treatment centers. Through scientific diagnosis of damages, graduates of this School provide services in speech therapy, audiology, and physical therapy, among other services.

**Programs**

<table>
<thead>
<tr>
<th>Program</th>
<th>M.Sc.</th>
<th>Ph.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Occupational Therapy</td>
<td>M.Sc.</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Occupational Psychotherapy</td>
<td>M.Sc.</td>
<td></td>
</tr>
<tr>
<td>Optometric Therapy</td>
<td>M.Sc.</td>
<td></td>
</tr>
<tr>
<td>Physical Therapy</td>
<td>M.Sc.</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Rehabilitation Management</td>
<td>M.Sc.</td>
<td></td>
</tr>
<tr>
<td>Speech Therapy</td>
<td>M.Sc.</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Sport Physical Therapy</td>
<td>M.Sc.</td>
<td></td>
</tr>
<tr>
<td>Medical Devices and Artificial Organs</td>
<td>M.Sc.</td>
<td>Ph.D.</td>
</tr>
</tbody>
</table>

**Department of Rehabilitation Administration**

Department of Rehabilitation Administration in School of Rehabilitation and Social Welfare was established in 1977.

**Degree Requirement**

Bachelor’s in Physiotherapy, Occupational therapy, Audiology, Speech therapy, Technical Orthopedic, Optometry, Social work, Health Administration could register and if pass the exams could start the discipline.

<table>
<thead>
<tr>
<th>Program</th>
<th>M.Sc.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Rehabilitation Administration</td>
<td>M.Sc.</td>
<td></td>
</tr>
</tbody>
</table>
Department of Occupational Therapy

Department of Occupational Therapy was established in 1973, with contribution of WHO experts in this field, in the beginning, students were trained for 6 months, and started their work in the country. But after 2 years, Bachelor students were accepted and trained in different areas of occupational therapy and it continues till now and extended to M.Sc. and Ph.D. in occupational therapy. Department of Occupational Therapy has special clinics in different areas such as pediatric, psycho-social, and physical rehabilitation, with modern equipment and devices, and laboratories for skill making, cognitive neuroscience, and standardized measurements in the field of Occupational Therapy (OT).

At present time, about 100 undergraduate, and 70 postgraduate students are studying in this school.

Degree Requirement

Diploma degree for Occupational Therapy Bachelor of Science for Occupational Therapy Bachelor of Science for Occupational Therapy Master of Science for occupational therapy Ph.D.

Head: Dr. Alireza Hassani Mehraban
Narges Shafaroodi
Laleh Layegvari
Shahla Rafiee
Farah Hosseini
Akram Azad
Morteza Amini
Mehdi Alizadeh Zarei
Mehdi Abdolvahab
Mahmood Mahmodian Haris

Email: a.mehran@tums.ac.ir
Email: m.shafaroodi@tums.ac.ir
Email: Lalehin23275@yahoo.com
Email: Shahla344@yahoo.com
Email: Farabadi@tums.ac.ir
Email: A_azad@tums.ac.ir
Email: m.azad@turk.net
Email: m.khalatbeigi@ina.tums.ac.ir
Email: praj@tums.ac.ir
Email: m.alizadeh@tums.ac.ir
Email: mahdhi@vahab@tums.ac.ir
Email: MMahmodian@gmail.com

Programs

B.Sc. in Occupational Therapy
M.Sc. in Occupational Therapy
Ph.D. in Occupational Therapy

Department of Basic Sciences in Rehabilitation

Faculty name
Dr. Mohammad Reza Niknam
Dr. Mohammad Kamali
Dr. Hassan Ashayeri
Dr. Mohammad Ali Sangari
Dr. Mohammad Sadegh Ghasemi
Dr. Behrouz Vazaghi
Dr. Mahbod Roush-Aziz
Dr. Zahra Jafari

Email: mrmnimravim@yahoo.co.uk
Email: kmalam@tums.ac.ir
Email: Hassanashaer@yahoo.com
Email: sangari.m@alum.sharif.edu
Email: ghaseimi.m.s@gmail.com
Email: bvazzaghi@gmail.com
Email: roohiaziz14@yahoo.com
Email: Z_jafari@tums.ac.ir

Degree Requirement

M.Sc.
1. Neuro-Rehabilitation

Ph.D.
1. Neuro-Rehabilitation
2. Geriatric Rehabilitation
**Department of Physical Therapy**

**Background of the department**

The department of Physical Therapy at School of Rehabilitation, Tehran University of Medical Sciences (TUMS), is one of the most important departments of the school that has played an important role in the development of school and TUMS academic programs. The department of Physiotherapy with 31 academic staff and currently more than 250 students is the biggest department of Physical Therapy among rehabilitation schools in Iran. The department of Physical Therapy offers a variety of graduate degree programs:

- A four-year undergraduate program of the Bachelor’s of Science in Physical Therapy (BSc/PT) (from entry level),
- Three postgraduate degree programs:
  - A twenty-four month program of the Master of Science in Physical Therapy (MSc/PT)
  - A twenty-four month program of the Master of Science in Sport Physical Therapy (MSc/PT)
  - A full-time four-year program of the Ph.D. degree for graduate therapists through the Physical Therapy field.

Academic staff and students of the department are active in a number of research projects which range over several areas including the investigation of human motor performance, musculoskeletal, neurological and cardiopulmonary physiotherapy and clinical reasoning. Our clinical and laboratory facilities for educational and research activities are: 2 Musculoskeletal clinics, Cerebral Palsy (CP) clinic, Neurovascular clinic, Gait analysis lab, Biomechanics lab and Electromyography lab. Besides, more than 10 TUMS hospitals and rehabilitation centers are involved in our educational and research activities.

### Programs offered

<table>
<thead>
<tr>
<th>Master of Science in Physical Therapy (M.Sc./PT)</th>
<th>A twenty-four month program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ph.D. degree in Physical Therapy</td>
<td>A full-time four-year program</td>
</tr>
</tbody>
</table>

---

**Dr. Javad Sarofizadeh**  
Head of Physical Therapy department  
jsarofizadeh@tums.ac.ir  
+98(21)2228051-ext.205

School of Rehabilitation, Nezam St. Shahyadzadi St. Midad Squ, Minamad Blvd.

---

**Dr. Mohammadreza Hadiani**  
hadiani@tums.ac.ir, hadiani_ts@yahoo.com

**Dr. Esmail Abtahi Tashmiani**

**Dr. Golrooz Rezaeian**

**Dr. Saeed Talebian**

**Dr. Housain Bagheri**

**Dr. Noradin Nakhhostin Ansari**  
nakhhostin@tums.ac.ir

**Dr. Naser Sabodi**

**Dr. Azadeh Shoahbazi**

**Dr. expresive Niazi**

**Dr. Mohammad Ali Jafari**

**Dr. Mehdi Dadgou**

**Dr. Alireza Jamshidi**

**Dr. Behrouz Abolhosseini**

---

C. Degree Requirement

The completion of Bachelor’s of Science in Physical Therapy (B.Sc./PT) degree for admission in M.Sc. PT. The completion of Master of Science in Physical Therapy (M.Sc./PT) degree for admission in Ph.D.
Department of Basic Sciences in Rehabilitation

Dr. Mohammad Reza Nikmaram
Dr. Mohammad Kamali
Dr. Hassan Aihayeri
Dr. Mohammad Ali Sangari
Dr. Mohammad Sadegh Ghasemi
Dr. Behrouz Vassaghi
Dr. Mahnaz Rouhi Aitze
Dr. Zeina Jafarian

mmnikmaram@yahoo.co.uk
kmamali@mkamali.com
hasanaihayeri@yahoo.com
sangarimahalum.sharif.edu
ghasemim.salkhom@gmail.com
bvassaghi@gmail.com
roohasaei11@yahoo.com
z_jafarian@tums.ac.ir

M.Sc. | PhD.
------|------
1. Neuro-Rehabilitation | 1. Neuro-Rehabilitation
2. Geriatric Rehabilitation

Name of Department: optometry

Background information on department: Optometry department of Tehran University of Medical Science (TUMS) was established after combining two universities of Iran University of Medical Science (IUMS) and TUMS in 2010. However, student admission started in 1990 in optometry department of IUMS. It was the third optometry department in Iran at that time. According to the latest ranking of Ministry of Health and Medical Education, optometry department of TUMS achieved the first rank among optometry departments in Iran.

Degrees offered | Program offered
-----|------
B.Sc. of Optometry | Four years program
M.Sc. of Optometry | Two years program

School of Rehabilitation
Optometry and vision science
z_jafarian@tums.ac.ir
School of Traditional Medicine

History

School of Traditional Medicine of Tehran University of Medical Sciences was established in 2007 as a result of increasing interest and the national need in traditional, alternative and complementary medicine services. This school, as the oldest and most distinguished faculty of Traditional Medicine in Iran is the postgraduate academic center to educate talented students at Ph.D. level in traditional medicine and pharmacy of traditional medicine. The total number of students is 98 now and the first group was awarded the degree of Ph.D. in 2012. The Faculty consists of five buildings three of which them are carefully designed with modern facilities for both students and faculty members. The school has also 5 clinic centers, two educational campuses and two modern research centers.

Goal

The goal of School of Traditional Medicine is the academic development of traditional Iranian medicine in the country and around the world. For this aim, the school’s curriculum provides students with the opportunity to promote their skills both in theory and practice in different fields of clinical traditional medicine as well as nutrition, materia medica and pharmacy.

In teaching, the specific objective of this School is for the students to gain an understanding of how to combine traditional medicine with current medicine and to become specialists as well as broad minded and ethical individuals. This School accepts students with M.D. or Pharm. D. degree in the Ph.D. level. The curriculum also hopes to fill the gap between university and industry in the field of herbal medicine and traditional medicine.

The School’s research programs are meant to promote clinical trials, experimental sciences and applied research to find more evidence for traditional medicine and alternative medicine. This school has also many publication in different field of traditional medicine and pharmacy.

Educational Departments:

<table>
<thead>
<tr>
<th>Basic sciences</th>
<th>Clinical sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharmacy in traditional medicine</td>
<td>Traditional medicine</td>
</tr>
<tr>
<td>History of medical sciences or history of medicine</td>
<td></td>
</tr>
</tbody>
</table>
Courses | Levels
--- | ---
Traditional medicine | Ph.D.
Pharmacy in traditional medicine | Ph.D.

Research interests
- Clinical trial on herbal medicine
- Animal research on herbal medicine
- Endocrinology and diabetes
- Application of technology in traditional medicine

Degree Offered
- Ph.D. in Traditional Medicine
- Ph.D. in Pharmacy of Traditional Medicine
- Ph.D. in History of Medicine
- Professional Degree of short courses such as:

Nutrition in Traditional Medicine
- Medical Message
- Cupping and Hijmat
- Life Style in Iranian Medicine

Degree Requirements
- All the students need to have M.D. or Pharm. D. degree.
- The language of the courses is in English and Arabic

Faculty name Research

Dr. Mohammad Reza Shams Ardakani
Pharmacy of Traditional Medicine

Dr. Mahnaz Khamavi
Pharmacy of Traditional Medicine

Dr. Mohammad Mehdi Eftekhari
Traditional Medicine

Dr. Mannan Haji Mahmoodi
Pharmacy of Traditional Medicine

Dr. M. Hossein Ayati
Traditional and complementary Medicine

Dr. Omid Sadegh Pour
Traditional Medicine

Dr. Amir Hooman Kazemi
Traditional and complementary Medicine

Dr. Mohammad Reza Farrokh Zadeh
Traditional Medicine

Dr. Bagher Minee
Traditional Medicine

Dr. S.A. Goostehi Sir
Traditional and complementary Medicine

Dr. Haji Mansor Keshavarz
Traditional Medicine

Mr. Ismail Nazem
Traditional Medicine

Dr. Gholam Reza Arain
Pharmacy of Traditional Medicine
Virtual School

History & Goals

TUMS Virtual School is an Iranian leading institutions specializing in online and distance education. This School was established officially in 2010. However, many of its activities such as establishing the Internet-based Continuous Professional Development (CPD) programs, offering online M.Sc. degree in “Medical Education”, integrating e-learning to face to face courses, running the two first national conferences of e-learning in medical sciences, providing specialized workshops in the field of e-learning started earlier in 2007 under the name of “Distance Learning Office”.

The office was recognized as the center of excellence for e-learning in Iran. Currently, using more powerful infrastructure and software, our school offers many services such as online degrees, e-CME and e-CPD, Virtual clinical rounds & workshop and etc., to facilitate and improve the teaching/learning process. This school has the following 7 Majors:

Family Medicine Residency, Medical Education (M.Sc.), E-learning in Medical Education (M.Sc.), Library and Medical Information Science (M.Sc.), Food and Drug Supervision (M.Sc.), Nursing (B.Sc.), and MBA in Pharmaceutical Management in addition, we are looking forward to establishing mutual collaborations and joint degrees with other universities.

Educational Department:

- Basic sciences
- E-learning in Medical Sciences
- Electronic Health
- Virtualization of face to face traditional programs

Postal Address:

Virtual School, Delatshahi Alley, Naderi St, Keshavarz Blvd, Tehran, IRAN.

Tel: (+ 98 - 21) 88973088
Fax: (+ 98 - 21) 88956486

http://etums.tums.ac.ir
Welcome
Contents
Introduction
Iran
Tehran
Student Life
Admissions Guideline
Schools
............ Appendix
Iranian Embassies/Consulate Around the World

A student visa is required from all foreign nationals who intend to study in Iran. At TUMS we will provide you with student visa help, after you have been admitted. You will have to visit an Iranian embassy in your country in order to receive your Visa.
Emergency Phone Numbers in Iran

110 Police
115 Ambulance
125 Fire Station
199 Domestic Flight Information
09633 International Flight Information

Calendar of National Holidays 2013

<table>
<thead>
<tr>
<th>Weekday</th>
<th>Date</th>
<th>Holiday name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday</td>
<td>1 Farvardin</td>
<td>Norooz (Iranian New Year 1392)</td>
</tr>
<tr>
<td>Friday</td>
<td>2 Farvardin</td>
<td>Norooz</td>
</tr>
<tr>
<td>Saturday</td>
<td>3 Farvardin</td>
<td>Norooz</td>
</tr>
<tr>
<td>Sunday</td>
<td>4 Farvardin</td>
<td>Norooz</td>
</tr>
<tr>
<td>Monday</td>
<td>12 Farvardin</td>
<td>Day of Islamic Republic</td>
</tr>
<tr>
<td>Tuesday</td>
<td>13 Farvardin</td>
<td>Day of Nature</td>
</tr>
<tr>
<td>Sunday</td>
<td>25 Farvardin</td>
<td>Martyrdom of Fatima</td>
</tr>
<tr>
<td>Friday</td>
<td>3 Khordad</td>
<td>Birth of Imam Ali</td>
</tr>
<tr>
<td>Tuesday</td>
<td>14 Khordad</td>
<td>Death of Imam Khomeiny</td>
</tr>
<tr>
<td>Wednesday</td>
<td>15 Khordad</td>
<td>Martyrdom of Imam Musa'ee Kazem</td>
</tr>
<tr>
<td>Friday</td>
<td>17 Khordad</td>
<td>Eid-e Mab'as</td>
</tr>
<tr>
<td>Monday</td>
<td>3 Tir</td>
<td>Birth of Imam Mehdi</td>
</tr>
<tr>
<td>Tuesday</td>
<td>8 Mordad</td>
<td>Martyrdom of Imam Ali</td>
</tr>
<tr>
<td>Friday</td>
<td>18 Mordad</td>
<td>Eid-e Fitr</td>
</tr>
<tr>
<td>Saturday</td>
<td>19 Mordad</td>
<td>Eid-e Fitr</td>
</tr>
<tr>
<td>Monday</td>
<td>11 Shahrivar</td>
<td>Martyrdom of Imam Jafare Sadegh</td>
</tr>
<tr>
<td>Wednesday</td>
<td>24 Mehr</td>
<td>Eid-e Ghoban</td>
</tr>
<tr>
<td>Thursday</td>
<td>2 Aban</td>
<td>Arbaeen-e Hussaini</td>
</tr>
<tr>
<td>Wednesday</td>
<td>23 Aban</td>
<td>Martyrdom of Imam Reza</td>
</tr>
<tr>
<td>Thursday</td>
<td>2 Dey</td>
<td>Birth of Prophet Mohammad</td>
</tr>
<tr>
<td>Thursday</td>
<td>12 Dey</td>
<td>Anniversary of Islamic Revolution of Iran</td>
</tr>
<tr>
<td>Sunday</td>
<td>29 Dey</td>
<td>Oil Nationalization Day</td>
</tr>
<tr>
<td>Tuesday</td>
<td>22 Bahman</td>
<td></td>
</tr>
<tr>
<td>Thursday</td>
<td>29 Esfand</td>
<td></td>
</tr>
</tbody>
</table>
E-Mail:
Admissions: admission_ic@tums.ac.ir
Marketing: oia-ic@tums.ac.ir

Telephone Numbers:
(+98 21) 88 89 66 92&4
(+98 21) 88 89 85 31

Fax:
(+98 21) 88 85 26 54

Mailing Address:
Tehran University of Medical Sciences
Office of Vice-Chancellor for Global Strategies and International Affairs,
Number 21, Damesgh St., Vali-e Asr Ave., Tehran 1416753955
Iran

www.gsia.tums.ac.ir