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 (DUIS), 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).
Message from the Chancellor

Welcome to Tehran University of Medical Sciences (TUMS), the first-established medical university in Iran. In fact, medical education in Iran has a long history. With historical and urban settlements dating back to 4,000 B.C., Iran has always been a host for 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 most outstanding figures among the great physicians and medical scholars of the country in the past centuries.

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, which is usually the first choice of bright students. Up to 70% of top ranked students in the nationwide entrance exam have selected TUMS to pursue their education in recent years.

With 12 schools, 16 hospitals, 90 research centers, and 75 libraries, and more than 20,000 students (60% of whom are female), TUMS is proud and honored to educate about 40% of the country’s Ph.D. students in basic medical sciences.

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

Ali Jafarian, M.D.
Chancellor
Tehran University of Medical Sciences (TUMS)
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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 eleven 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 at TUMS, they will 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 Arabkheradmand
Vice-Chancellor for Global Strategies and International Affairs
Tehran University of Medical Sciences (TUMS)
Introduction

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 that of our knowledgeable faculty members.
History of Medicine in Iran
The history of medicine in Iran is as old and rich as its civilization. Ancient Persians founded the civilized world’s first teaching hospital in Gundishapur, where medical students practiced on patients under the supervision of expert physicians. This international university, founded in 271 A.D. by Shapour I, was a learning center in various fields of sciences and medicine.

It has been said that in 550 A.D., the world’s first medical conference was held as per Anushiravan’s orders in Ctesiphon. Hundreds of religious leaders and physicians from Persia and other countries around the globe attended that congress.

Iran has been home to many great scientists amongst whom we can name Razī and Avicenna.

Muhammad ibn Zakariyā Rāzī, 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. Rāzī advised practitioners to keep up with advanced knowledge by continually studying medical books and exposing themselves to new information.
Ibn Sinā, or 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 vital to the development of pharmaceutical sciences.
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 (Dār ol-Fonoon). The School of Medicine was established as a part of University of Tehran in 1934. After the Islamic Revolution in 1979, all medical departments, along with other departments associated with medical sciences, 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 medical and other associated schools of University of Tehran have carried on their activities independently as Tehran University of Medical Sciences. TUMS is the oldest and most well-known medical center in Iran. TUMS is one of the country’s top research universities, which accepts applications from the most qualified students and has the largest schools of medicine, dentistry, pharmacy, rehabilitation, allied medical sciences, public health, and nursing and midwifery in Iran, as well as over 100 specialized research centers such as Science and Technology in Medicine, Rheumatology, Digestive Diseases, Skin Diseases and Leprosy, Trauma, Hematology and Oncology, Cardiovascular Diseases, Endocrinology and Metabolism, Reproductive Health, Urology, Immunology, and Asthma and Allergy.

TUMS has many teaching hospitals: Imam, Sina, Shariati, Vali-e Asr, Amir Alam, Ziaian and Baharloo are general and referral hospitals; Tebi-Koodakan and Bahrami are TUMS pediatric centers; Farabi Hospital is a special center for ophthalmology; Razi Hospital is devoted to dermatology; Roozbeh Hospital is the center for psychiatry; Arash and Mirza are special hospitals for gynecology, obstetrics, and infertility; and Meraj Institute is the referral point for cancer diseases. TUMS has more than 40 libraries in its schools, research centers and hospitals. In addition, it has excellent sports 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.

Tehran University of Medical Sciences 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 regardless of 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 offered to international students. The academic year 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 admitted international applicants will start their studies at the beginning of each semester.
Imam Khomeini Hospital Complex, with 1,200 active beds, is the largest hospital complex in the Middle East. It consists of three hospitals (Imam Hospital, Vali-e Asr Hospital, & the Cancer Institute) plus 10 research centers. It also includes a very modern and highly-equipped imaging center.

It started with Imam Hospital in 1931 with 500 beds, and other hospitals were later built in the complex, increasing the total number of beds to 1,401.

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Mission and Vision of International TUMS
Our mission is to educate students at all levels and disciplines of medical sciences in accordance with the highest educational standards. We prepare future medical doctors, dentists, pharmacists and health scientists for working in diverse communities. Our vision is to become an internationally recognized university which recruits an international student body as well as professors and researches.

TUMS International Campus
The International Campus was founded in 2006 as the international division of Tehran University of Medical Sciences. The doors of TUMS and its International Campus are open to all international students coming from diverse cultures and backgrounds. In order to provide equal opportunities for talented students who come from a modest background, scholarships and financial aids are available.
Students Taking an Oath in the White Coat Ceremony
Iran

Iran, also known as Persia, is a country located in Western Asia and home to one of the world's oldest civilizations. The first dynasty in Iran formed during the Elamite Kingdom in 2,800 B.C. Cyrus the Great, one of the most preeminent figures throughout the history of the country, founded the Achaemenid Empire (550-330 B.C.), which ruled over significant portions of the ancient world, making it the largest empire the world has ever seen.
Mount Damavand, the highest peak in Iran

Photo by Shreyans Bhansali
The first Declaration of Human Rights by Cyrus the Great, inscribed in cuneiform on a clay cylinder discovered in 1879, now on display in the Room 52 of the British Museum.

A plaque is located in San Diego's Balboa Park in honor of Cyrus the Great. It reads:

Cyrus the Great (585-529 B.C.), the Iranian Emperor, defined the First Declaration of Human Rights on this cylinder. Cyrus is admired more as a liberator than a conqueror of his vast empire because of his respect for human rights and the humane treatment of those he ruled. He is "anointed" in the Bible (Is. 45:4) as a liberator of God’s people (Is. 45:15) and the chosen one (Is. 45:14-15). Professor Richard Frye of Harvard University said; "Surely, the concept of One World, the fusion of Peoples and Cultures into oneness, was one of his important legacies."

The following from this ancient cylinder are a rendition of the spirit of his message in modern English:

1. I declare that I will respect the traditions, customs and religions of the many nations of my empire and never let any of my governors look down or insult the inhabitants of my nations.

2. I hereby abolish slavery; my governors are ordered to prohibit exchanging men and women as slaves within their ruling domains. Such a tradition should be exterminated the world over.

3. If anyone oppresses others, should it happen, I will take his/her right back and penalize the oppressors.

4. Today, I declare the Freedom of Religion. All are free to choose any religion, live in all regions and take up any job provided that they never violate others’ rights.

These proclamations ring true today in our times as they did in 535 B.C.
Naqsh-e Rustam, Shiraz

It is an ancient necropolis located about 12 km northwest of the Persepolis. Four tombs belonging to Achaemenid kings, including that of Darius the Great (c. 522-486 B.C.), are carved out of the rock face.
Iran is rich in culture and history, and it has a fascinating landscape. Studying in Iran, specifically in Tehran, will not only give you immense study opportunities 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 isolation. You will do all these in the context of the society in which you live. You will be exposed to the historic identity of the Iranian people. Studying in a different country is a patchwork of all these fascinating experiences.

Iranians were among the first civilizations to use mathematics, geometry and astronomy in architecture, a testimony to which is their 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 holds one of the largest and most valuable jewel collections in the world.

The Iranian people are an Indo-European ethnic-linguistic group. Currently, more than 90 percent of Iran’s total population are Muslim. Iran has a population of around 77 million in an area of 1,648,195 sq km (636,372 sq mi) and is considered the 18th largest country in the world. Iran is divided into thirty-one provinces and is home to many ethnicities and races. It has one of the highest urban growth rates in the world, with Tehran as its capital, and Mashhad, Isfahan and Shiraz being some of its biggest metropolises.
Vakil Mosque, Shiraz
Photo by Masoud Azizi
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 kilometers (530 miles) east of Tehran.

Imam Reza (789-816 A.D.) 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 Shah Public Bath, built in 1648 during the Safavid era, Tomb of Nadir Shah, and the tombs of some of the greatest Iranian poets such as Ferdowsi and Khayyam.
Isfahan, also known as Ispahan, Sepahan or Hispahan, is the capital of Isfahan Province and is located 340 km south of Tehran. With a population of 1,600,000, Isfahan is Iran’s third largest city after Tehran and Mashhad. Isfahan, one of Iran’s main tourist attractions, dates back 2,500 years and used to be the capital of Iran in the period between 1587 and 1629.
Isfahan is known for its amazing artwork. It has also been dubbed ‘Half the World’ due to the fact that it is home to some of the most impressive works of art as well as many well-known historical sites.
Shiraz, the sixth most populated city in Iran, is situated in the south of Iran and northwest of Fars Province. Shiraz is situated 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 2,000 B.C. found in south western corner of the city of Shiraz. It is also known as the city of poets, literature, music and gardens.
Hafiz (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 the Tomb of Cyrus the Great, Pasargadae, and Persepolis are also located in Shiraz. The Tomb of Shah-e Cheragh, Imam Reza’s brother, is also located in this city and has been a pilgrimage site since the 14th century.
Kish

Kish Island, often called the Pearl of the Persian Gulf, is a beautiful tourist resort located in the north east of the Persian Gulf about 17 km from the southern shore of mainland Iran. Kish is a free trade zone with an area of 90 square km and is known for being a beautiful resort in the Middle East and the Persian Gulf. The people of Kish are friendly and hospitable as the ones in mainland Iran.
City Square, Kish Island

Photo by Alireza Jafari
Iran on UNESCO’s World Heritage List
16 sites listed on UNESCO’s World Heritage list are located inside Iran:
1. Tchogha Zanbil, Khuzestan
2. Meidan Imam (Imam Square), Isfahan
3. Persepolis, Fars
4. Takht-e Soleyman, West Azerbaijan
5. Bam and its Cultural Landscape, Kerman
6. Pasargad, Fars
7. Soltaniyeh, Zanjan
8. Bisotun, Kermanshah
9. The Armenian Monastic Ensembles, West Azerbaijan
10. Shushtar Historical Hydraulic System, Khuzestan
11. Tabriz Historic Bazaar Complex, East Azerbaijan
12. Sheikh Safi al-Din Khanegah and Shrine Ensemble, Ardabil
13. Persian Gardens, Various Provinces
14. Gonbad-e Qabus, Golestan
15. Masjed-e Jame, Isfahan
16. Golestan Palace, Tehran
Iranian Architecture

Many Persian figures have been hailed as renowned artists throughout history. Art, in its broadest sense, has always been part of the Iranian culture and civilization. Iranian architecture has always been known to be unique. As Arthur Pope (1881-1969) put it, "the meaningful impact of Persian architecture is versatile. Not overwhelming but dignified, magnificent, and impressive."

What has been the main motif in Iranian architecture during time is the cosmic symbolism through which a connection has been made between humans and the powers of heaven. The numerous Persian gardens with magnificent edifices in the center are a good manifestation of this notion.

"The supreme Iranian art, in the proper meaning of the word, has always been its architecture. The supremacy of architecture applies to both pre- and post-Islamic periods." - Arthur Pope
Persian Pottery

The potteries excavated date back to centuries before common era. Prominent archeologist Roman Ghirshman believes that "the taste and talent of this people [Iranians] can be seen through the designs of their earthen wares."

Pottery Vessel, 4th Millennium B.C.
The Sialk Collection of Tehran’s National Museum
**Persian Carpet**

The Persian carpet is also another landmark which distinguishes Persian artists from others. The Persian carpet with its fast colors, intricate designs, and unique texture has always been the most tangible manifestation of Persian art for other nations. Carpet weaving is a well-established traditional form of art in most parts of Iran. The best Persian carpets are usually produced in Tabriz, Kashan, Qom, Isfahan, Mashhad, Naiin, Kerman and Hamedan. Carpets in each region have designs and colors specific to that region only.
Other Iranian handicrafts include, but are not limited to, silver making, sculpturing, painting, ceramic and mosaic works, calligraphy, metal works, wood works, glass works, enamel works, Khatam works, stone works, Ghalamzani etc.
Tehran

Tehran is the capital of Iran. With an estimated population of 8,429,807, Tehran is Iran’s largest urban area. It 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 the 3rd millennium B.C. in the village of Ray, now a part of Tehran.
In the last two decades, the city, currently ranked 29th in the world by its metropolitan population, has witnessed a major migration of population from other cities of Iran and has turned into an interesting mixture of both traditionalism and modernity. Many families abide by traditions and habits passed onto them by previous generations, whereas others live their lives according to modern values and the latest trends. You can find traces of various original and traditional Iranian cultures in lifestyles, music, art and books, as well as cultures and mindsets adopted from different areas around the world. Regarding architecture and city expansion, Tehran is a sprawling urban area made up by historic buildings and grand modern structures. All in all, there is a little bit of everything for everyone in this city.
Located between the Alborz Mountain, standing tall to the North, and the central desert to the South, Tehran enjoys various climatic conditions. Generally, the weather in Tehran can be described as mild and windy, with occasional showers in the spring and autumn, hot and dry during the summer, and cold with rain and snow in the winter. Due to elevation between the southern and northern parts, the weather is usually considerably cooler in northern districts.
Tehran is the educational and scientific center of Iran. Many of the most prestigious universities of Iran are located in different parts of the city. Among them, we can name Tehran University of Medical Sciences, University of Tehran, Sharif University of Technologies, Shahid Beheshti University, Allameh Tabataba’i University, and Amirkabir University of Technology. Moreover, many large and fully-equipped libraries, research centers and laboratories, affiliated with universities and governmental organizations, are actively passing the boundaries of human knowledge towards newer horizons.
Art and Culture

As well as being the political and educational capital of Iran, Tehran also possesses some of the most important tourist attractions of the country. Among such sites, we can count the National Museum of Iran, Sa’dabad Palaces Complex, Niavaran Palace Complex, Golestan Palace, Tochal Ski Resort, Tehran Museum of Contemporary Art, the Imperial Crown Jewels of Persia which is on display in the Iranian Central Bank, and many other parks, recreation complexes and museums.
There are two important landmarks in Tehran. The first is Azadi (Liberty) Tower. Completed in 1971 with a height of 45 meters (148 ft), the Azadi Tower, standing in the center of Azadi Square and marking the western entrance to the city, has long been considered as the symbol of the capital. This tower houses a library, a museum, a ceremonial hall, and a café. The second important structure of Tehran, looking over the entire city with a height of 435 meters (1427 ft), is Milad Tower. This tower, visible from all areas around the city, was built in 2007 and is the sixth tallest tower and the 17th tallest freestanding structure in the world. The head of the tower, a gigantic steel structure with 12 floors, consists of a closed observation deck, a cafeteria, a public art gallery, an open observation deck, a revolving restaurant, a VIP restaurant, and a sky dome.
Tranportation

Airport

Tehran has two main airports: Mehrabad Airport and Imam Khomeini International Airport. Mehrabad Airport, now located inside the city of Tehran, is used mainly for domestic fights while Imam Khomeini International is used mainly for international flights. The latter is located about 30 kilometers (19 miles) southwest of the city of Tehran on Tehran-Qom Freeway. Most international students will arrive at Imam Khomeini International Airport upon entering Iran. A TUMS representative will greet and transport them to TUMS international dormitories.

Bus

Women usually sit towards the end of the bus, and men ride in the front unless the bus driver is a woman. BRTs are fast buses which travel special routes; women sit in the front on BRTs.

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 specified routes and fares. Passengers are allowed to ask for a stop on the route but have to pay the full fare posted. The fare is based on the distance traveled, and, for a shared cab, it starts from 5,000 Iranian Rials.

Metro/Subway

The metro system in Iran is expanding rapidly. Metro runs from 5:30 a.m. till 10:30 p.m. daily. The first and the last wagon in each train are women-only sections of the train. Transportation e-cards are available for purchase and recharge to be used on Tehran’s metro and bus systems.
If you are considering dining out, you simply have an infinite list of choices. In most city districts, you can find various restaurants, diners and cafés, traditional and modern, offering a myriad of traditional Iranian cuisines, international dishes, fast foods, side dishes and a countless number of other refreshments. Some restaurants are open non-stop from early in the morning, while most of these businesses provide services from noon till late into the night.

Living in Tehran is a unique adventure. We are certain that you will have a great time in this city and will take many memories with you in later steps of life. Apply to TUMS now and get a first-hand experience of living in one of the most vibrant cities in the world.
Cinemas
Tehran is well-served by cinemas. For English language and foreign films, check out Azadi, Sepid, and Farhang cinema complexes.
Sports
Tehran was the first city in the Middle East to host the Asian Games in 1974. Tehran is the site of Iran’s national soccer stadium, part of the Azadi Sports Complex, with a 100,000 seating capacity. Azadi Football Stadium is one of the largest stadiums in Southern and Central Asia.
Tehran mountains have many ski resorts available for public use. The most well-known ski resort closest to Tehran is Dizin, located to the north of the city in the Alborz Mountains. Tochal Ski Resort is the world’s fifth highest ski resort, with an altitude of over 3,730 meters (12,240 ft) at its highest station. This resort was completed in 1976. Tochal has an 8-kilometer-long gondola line (Telecabin) that goes from an elevation of 1,900 meters to a point on the crest of the mountain 3,740 meters high. It was completed in the late 1970s. At one point in time, it was claimed to be the world’s longest gondola line.
Student Life

We provide services such as new student orientation programs, career development and internship, physical and mental wellness, faith-related activities, and study and educational support. These programs bring the university together to create an absolute and complete learning environment where students can develop a range of competency-based skills such as creative problem-solving, time management, planning and organization, teamwork, critical thinking, effective communication, and leadership. These and similar skills support our students to have an active and fulfilling collegiate career and prepare them to take a leadership role in their community and the world. We look forward to meeting you at TUMS.
Libraries

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

To visit the TUMS Digital Library, please go to:
http://diglib.tums.ac.ir/

TUMS Digital Library provides its students with access to:
• 6,000 full-text journals;
• more than 40 million abstracts in medical sciences;
• more than 150 scientific databases; and,
• more than 5.5 million full-text articles.
Learning Persian
Non-Persian speaking international students are given the opportunity to learn Persian before/after commencing their studies. These classes are offered at Dehkhoda Institute & International Center for Persian Studies, the leading organization in teaching Persian as a second language in Tehran.

Useful Phrases in Persian

<table>
<thead>
<tr>
<th>English</th>
<th>Pronunciation</th>
<th>Persian</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hello.</td>
<td>\sælə\m\</td>
<td>سلام</td>
</tr>
<tr>
<td>How are you?</td>
<td>\xuːbi\</td>
<td>خویش؟</td>
</tr>
<tr>
<td>Thank you.</td>
<td>\mæmnuːn\</td>
<td>ممنون</td>
</tr>
<tr>
<td>Bye!</td>
<td>\xədə haːfɛz\</td>
<td>خداحافظ</td>
</tr>
<tr>
<td>How Much?</td>
<td>\tʃændə\</td>
<td>چند؟</td>
</tr>
<tr>
<td>OK</td>
<td>\baːʃə\</td>
<td>یا</td>
</tr>
<tr>
<td>Yes</td>
<td>\bælə\</td>
<td>یه</td>
</tr>
<tr>
<td>No</td>
<td>\næ\</td>
<td>نه</td>
</tr>
<tr>
<td>Bring!</td>
<td>\biː ɣær\</td>
<td>بیا</td>
</tr>
<tr>
<td>Take!</td>
<td>\bæbær\</td>
<td>ببر</td>
</tr>
<tr>
<td>Come!</td>
<td>\Bɪː ɣær\</td>
<td>بیا</td>
</tr>
<tr>
<td>Go!</td>
<td>\bɔːd\</td>
<td>برو</td>
</tr>
<tr>
<td>Give!</td>
<td>\bedə\</td>
<td>بهد</td>
</tr>
<tr>
<td>Food</td>
<td>\kæzə\</td>
<td>غذا</td>
</tr>
<tr>
<td>Water</td>
<td>\ɑːb\</td>
<td>آب</td>
</tr>
<tr>
<td>Hungry</td>
<td>\ɡoʃnæ\</td>
<td>گرسه</td>
</tr>
<tr>
<td>Full</td>
<td>\ʃir\</td>
<td>سیر</td>
</tr>
<tr>
<td>Thirsty</td>
<td>\tʃfnæ\</td>
<td>ششک</td>
</tr>
</tbody>
</table>

Tomb of Ferdowsi, the Great Iranian Poet
Photo by Davood Yaghoubi
Accommodation

TUMS international students live in TUMS 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 kitchen is equipped with a microwave oven, a fridge and a washing machine. An ironing board shared among the residents of the flat is also available. Maintenance of the building is provided by trained personnel.

Mirzay-e Shirazi girls’ residence hall in Tehran hosts 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. Hojjatdoost boys’ residence hall in Tehran hosts male students. Both buildings provide safety boxes, computer labs, fitness centers and a lounge to be used by TUMS international students.
Our international residence halls provide 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 management of the residence halls, the observation of residential policies and procedures, and the social, cultural and recreational activities. Local shops are in walking distance and students are able to shop for themselves. Please note that shops in Tehran normally do not take foreign currency.
Food and Dining

Iran is a country with an endless list of cuisines and dishes. One may not believe it, but there are many native Iranians who have not yet had the chance to taste traditional dishes of certain regions around the country.

Traditional Iranian foods are truly diverse, and they range from various kinds of stews to different types of roasted meat and kebabs to fried dishes to baked dishes to numerous soups and pottages to an assortment of salads, desserts, sweets and confectionary. You have an endless number of choices to enjoy all types of delicious edibles.

Most shops in Iran sell a range of bread, dairy products, as well as canned foods. Bakeries in Tehran specialize in different types of Iranian flat bread, baguettes, sandwich bread, and toast. Most common meats found in Iran are beef, lamb, chicken and fish.

Rice is abundantly found and is the main source of carbohydrates in Iran. Fast foods and sandwich shops are also abundantly available.

The university has determined a partial lunch-plan for its students on university workdays, i.e. Saturday to Wednesday, for a subsidized fee. Holidays are also excluded from this plan. Remember that breakfast and dinner are not included.

Although both international student dormitories have fully equipped kitchens and various appliances, students can eat out if they wish. Apart from hundreds of food stand you can find on every street corner, Tehran is filled with all types of food service businesses.
If you want to try traditional Iranian food, you can go to restaurants around the city or call numerous catering services to have the food delivered to wherever you want. In case fast foods are your choice, you can get any type imaginable in different parts of the city, from sandwiches to pizzas to different deep-fried dishes. You can both try chain restaurants or single-branch diners. Moreover, if you look around, you can find places where international food is on offer. Although these international restaurants are not so many, their number is on the rise. You can mostly find Indian, Chinese, Lebanese and Italian cuisines in these places.

In case you are thinking about enjoying an afternoon with your friends or have pleasant alone-time to yourself, there are numerous cafés and coffeehouses around and about. You can take part in a lively and interesting conversation with your friends while burying your spoon in a bowl of ice cream or sip your coffee while you quietly read your book and enjoy every second of your time. Such places, as well as ice cream parlors, juice bars and snack bars, can be found all over the city.

Trying the Iranian range of edibles is certainly a great experience, and we are sure once you have had a taste, you will come back for more!
Insurance
Students’ immunizations information is collected for emergency situations while observing strict confidentiality. The information you provide will be used in the event of a health emergency. International students at TUMS will receive Student Health Insurance as well as Sports Insurance.

On-Campus Food Services
Campus canteens prepare meals for students under the supervision of the university’s health and nutrition experts at low costs during lunch time. Additionally, shops that provide food to students at low costs may be located on campus. TUMS international students will receive a partial lunch plan at school. This plan will allow students to eat lunch at a low cost on campus.
Student Dress Code
Professionalism is reflected by an individual’s appearance and behavior. The purpose of this dress code is to uphold the professional image of the university and our Islamic country. All students are expected to abide by common practices of modesty, cleanliness, and neatness. They should dress in a respectful manner within the acceptable standards of the community and culture. Following Islamic rules, observing Hijab or the Islamic dress code is necessary while in Iran:

- Women’s hair must be covered with an appropriate covering while in public.
- The body should be covered with loose clothes.
- Arms should not be bare, and legs should be covered down to the ankles.
- Any clothing, jewelry, or accessory that may be considered obscene or offensive should be avoided.
- All clothing must be clean and neat and should project a well-groomed appearance.
Sports at TUMS
The sports facilities at TUMS support both indoor and outdoor sports activities for both men and women. Soccer, volleyball, handball, basketball, ping pong, tennis, swimming, shooting, body building, wrestling and martial arts are only some of the activities you can take up at TUMS. All international students will receive a Sports Insurance.
Each year, in order to keep the spirit of athleticism fresh among students, different sports olympiads and competitions are held among TUMS schools and campuses as well as among all Iranian universities.
Money Matters
International students at TUMS will receive an ATM bank card. You are able to exchange money inside Iran. It is recommended that you exchange some money at an official organization before you enter Tehran. Generally, shops and services do not accept foreign currency. There are facilities available close to your dormitories which will provide money exchange services.
Admissions
There is no single reason to study at TUMS; there are many. The dedicated faculty, high-quality education, modern laboratories, well-funded research projects, and innovative curriculum are just a few of such reasons.
Office of International Admissions
We greatly appreciate your interest in pursuing your studies at Tehran University of Medical Sciences. The Office of International Admissions will do its best to make the admission process as simple as possible. You are highly recommended to study the admission guidelines carefully before you apply.

Undergraduate Applicants
We consider you an undergraduate applicant if you have graduated from high school and are applying to our university. Undergraduate degrees, such as B.Sc., M.D., D.D.S. and Pharm.D., are the first professional degrees a student receives.

Graduate Applicants
A graduate applicant is a student who has already completed and obtained a first-level university degree and wishes to pursue his or her education beyond that in degrees such as M.Sc., Ph.D., Specialty, Subspecialty, Fellowship etc.
Points to be Considered

When Should I Apply?

Our rolling admission process allows all applications to be reviewed as soon as they are submitted. Applications are accepted all year round. The fall semester starts late September, and the spring semester starts early February. Please note that:

• The admission procedure takes about 2 months for applications which have been submitted successfully.
• The process of getting a student visa lasts a minimum of 6 to 8 weeks.
• Some programs are offered only once a year.

Based on the above-mentioned points, complete applications should be submitted at least 4 months before the intended semester.

Who Can Apply?

All international students from all over the world are encouraged to apply. Please note that Iranian citizens (holders of an Iranian passport) cannot apply. Iranian Applicants with dual citizenships (holders of an Iranian passport plus a passport issued by another country) cannot apply either. Iranian applicants need to take the Nationwide Entrance Exam, also known as Konkoor, in order to enter TUMS.
Who Will Be Selected?

The selection criteria for applicants include:

• Academic Grade Point Average (GPA): Minimum 3.00/4.00 (or its equivalent);

• Evidence of English proficiency: English proficiency certificates of IELTS or TOEFL. In order to be admitted to TUMS and commence your studies, you must provide a certificate of IELTS with a minimum band score of 5.5 or its equivalent in TOEFL iBT (minimum 69) or TOEFL PBT (minimum 525). The following individuals are exempted from providing a certificate of English proficiency:
  • Applicants who are natives of English speaking countries
  • Applicants whose language of instruction in their previous degrees has been English

• Evidence of intellectual or creative achievement or substantial public service;

• Special talents, achievements or awards in a particular field;

• Experiences that demonstrate promise for leadership; and,

• Academic accomplishments in light of the applicant's life experience and special circumstances.
**Education Fees and Yearly Expenses**

The education fees listed below will apply to the 2015-2016 academic year. Education fees and all yearly expenses are in U.S. dollar and are for one academic year. Applicants who are admitted to TUMS will be informed of their total tuition fee in their admission package via email. Students will pay their one-year tuition fee as well as their other yearly expenses in full at the time of registration:

Funding/Scholarship

We understand that your choice of funding/scholarship program is very important to you. There might be funding/scholarship opportunities announced for international students who are interested in pursuing their studies at TUMS. Students who are interested in such announced opportunities are encouraged to include their request and the reason why they should be awarded a scholarship in their letter of motivation.

TUMS may allocate its students one of the following types of scholarship:

**Type C Scholarship:**

The details of your expenses for the first year of your studies at TUMS are provided in the table below:

<table>
<thead>
<tr>
<th>Expense Type</th>
<th>Payment Amount (U.S. Dollar)</th>
<th>Payment Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>50</td>
<td>Only Once</td>
</tr>
<tr>
<td>First Transport from Airport in Tehran</td>
<td>25</td>
<td>Only Once</td>
</tr>
<tr>
<td>Furnished Accommodation (Upon Request)</td>
<td>3,650</td>
<td>Every Year</td>
</tr>
<tr>
<td>Health &amp; Sport Insurance</td>
<td>60</td>
<td>Every Year</td>
</tr>
<tr>
<td>Persian Language Classes (if deemed necessary)</td>
<td>1,981</td>
<td>120 Sessions</td>
</tr>
<tr>
<td>English Language Classes (if deemed necessary)</td>
<td>3,153</td>
<td>120 Sessions</td>
</tr>
</tbody>
</table>

TUMS provides all students with computer labs, library, and Wi-Fi Internet access at the dormitories, as well as a partial lunch plan. If you apply for TUMS type C scholarship and you are accepted, TUMS provides you with:

- free-of-charge accommodation,
- free-of-charge registration,
- free first transport from airport in Tehran,
- free health & sports insurance,
- free Persian language classes for students who are interested or required to attend the classes.

All of the above-mentioned facilities (excluding education fee) which totally cost $5,766 will be paid by TUMS. Therefore, students are required to pay only their education fees based on their accepted programs.
This scholarship (Type C) is for your first academic year and can be extended by TUMS Scholarship Committee on a yearly basis depending on your academic performance at TUMS.

Therefore, from your second year onwards, if you request TUMS financial aid and you are accepted, TUMS provides you with:

- free-of-charge accommodation,
- free health & sports insurance,
- free Persian language classes for students who are interested or required to attend the classes.

All of the above-mentioned facilities which totally cost $5,691 will be paid by TUMS. Again, students are required to pay only their tuition fees every year.

Education fee, life expenses and travel tickets will not be covered by this type of scholarship. Students are responsible for these expenses.

To apply for Type C Scholarship, please provide us an official Request Letter and send it to us along with your other required documents through the Online Application Form.

**Type B Scholarship:**
If you apply for TUMS scholarships and you are considered as one of the most qualified applicants, you may be awarded type B scholarship;

Type B Scholarship is a Tuition-Waiver Scholarship.

Some applicants might be accepted to receive one of the TUMS tuition-waiver scholarships (between 1% to 100% discount for the first-year education fee), based on their scores obtained in previous degrees. In this case, you might receive between 1 up to 100 percent discount on your first-year education fee, and you should pay the rest of the remaining education fee. Based on this scholarship, the awarded amount of your first-year education fee will be paid by TUMS. This scholarship (tuition-waiver) is for your first academic year and can be extended by TUMS Scholarship Committee on a yearly basis depending on your academic performance at TUMS.

Your first year awarded tuition-waiver scholarship might be extended for your second year based on your academic performance at TUMS. The extension of the scholarship follows a yearly basis.

The details of your expenses for the first year of your studies at TUMS are provided in the table below:

<table>
<thead>
<tr>
<th>Expense Type</th>
<th>Payment Amount (U.S. Dollar)</th>
<th>Payment Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
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<tr>
<td>First Transport from Airport in Tehran</td>
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<td>Only Once</td>
</tr>
<tr>
<td>Furnished Accommodation (Upon Request)</td>
<td>3,650</td>
<td>Every Year</td>
</tr>
<tr>
<td>Health &amp; Sport Insurance</td>
<td>60</td>
<td>Every Year</td>
</tr>
<tr>
<td>Persian Language Classes (if deemed necessary)</td>
<td>1,981</td>
<td>120 Sessions</td>
</tr>
<tr>
<td>English Language Classes (if deemed necessary)</td>
<td>3,153</td>
<td>120 Sessions</td>
</tr>
<tr>
<td>Remaining Education Fee</td>
<td>Based on the Accepted Program &amp; the Percentage of the Awarded Tuition-Waiver Scholarship</td>
<td>Every Year</td>
</tr>
</tbody>
</table>
TUMS provides all students with computer labs, library, and Wi-Fi Internet access at the dormitories, as well as a partial lunch plan. If you apply for TUMS type B scholarship and you are accepted, along with the above-mentioned facilities and awarded tuition-waiver scholarship (between 1% to 100% discount for the first-year education fee), TUMS provides you with:

• free-of-charge accommodation,
• free-of-charge registration,
• free first transport from airport in Tehran,
• free health & sports insurance,
• free Persian language classes for students who are interested or required to attend the classes.

All of the above-mentioned facilities, which totally cost $5,766, will be paid by TUMS. Therefore, students are required to pay just their remaining education fees (based on their awarded tuition-waiver scholarship). This scholarship (tuition-waiver) is for your first academic year and can be extended by TUMS Scholarship Committee on a yearly basis depending on your academic performance at TUMS.

Therefore, from your second year onwards, if you request Type B scholarship and you are accepted, TUMS provides you with:

• free-of-charge accommodation,
• free health & sports insurance,
• free Persian language classes for students who are interested or required to attend the classes.

All of the above-mentioned facilities, which totally cost $5,691, will be paid by TUMS. Therefore, students are required to pay just their remaining tuition fees (based on their awarded tuition-waiver scholarship).

The remaining education fee, life expenses and travel tickets will not be covered by this scholarship, and students are responsible for these expenses.

To apply for Type B Scholarship, please provide us an official letter of request and send it to us along with your other required documents through the Online Application Form.
Type A Scholarship
TUMS awards Type A scholarship to some Post-Doctorate candidates ONLY.

Type A Scholarship is Full Tuition-Waiver Scholarship plus Monthly Stipend.

Some Post-Doctorate candidates can receive TUMS full tuition-waiver scholarships (100% discount for the education fee) plus monthly salary based on their research project done and scores obtained in previous degrees.

The details of the expenses of Post-Doctorate studies at TUMS are provided in the table below:

<table>
<thead>
<tr>
<th>Expense Type</th>
<th>Payment Amount (U.S. Dollars)</th>
<th>Payment Type</th>
</tr>
</thead>
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<tr>
<td>Furnished Accommodation (upon request)</td>
<td>3,650</td>
<td>Every Year</td>
</tr>
<tr>
<td>Health &amp; Sports Insurance</td>
<td>60</td>
<td>Every Year</td>
</tr>
<tr>
<td>Persian Language Classes (if deemed necessary)</td>
<td>1,981</td>
<td>120 Sessions</td>
</tr>
</tbody>
</table>

TUMS provides all students with computer labs, library, and Wi-Fi Internet access at the dormitories, as well as a partial lunch plan. TUMS provides Type A scholarship winners with:

- free accommodation,
- free health & sports insurance,
- free Persian language classes for students who are interested or required to attend the classes.

All of the above-mentioned facilities, which totally cost $5,766, will be paid by TUMS. TUMS will also pay monthly salary for their life expenses.

Travel tickets will not be covered by this scholarship. Students are responsible for this expense.
How to Apply
All applicants must apply electronically via our online application system which can be found on our website. Please fill out the Online Application Form and upload all the required documents at:

Please note that all applicants should apply online. There is no in-person admission. You can find more details on how to apply at:

To apply successfully, please follow the steps below:

1. Specify your major (program) and level of interest. Please refer to the list of programs on our website to find out about your level and major of interest.

2. Prepare your documents before filling out the Online Application Form.

3. Complete the Online Application Form and upload the required documents.

Please note that all your documents need to be:

1. In English or Persian:
   For documents which are not issued/written in English or Persian, the English/Persian translation, approved by a notary public, should be attached to the original documents.

2. Original or else the copies should be proved same as original by the Head of Certification Issuance Authority.

3. Please provide high quality scans of your documents in order to be uploaded in the specified fields.
Undergraduate Applicants
An undergraduate or a first-level university student is a student working toward a B.Sc., M.D., D.D.S. or Pharm.D. degree. For further information regarding undergraduate programs offered by TUMS, please visit our website:

To apply for the undergraduate level, filling out the Online Application Form and uploading high-quality scans of the following documents are required (some documents are mandatory and some are optional):

Documents with (*) symbol are mandatory.

1. A letter of application or motivation in which you clearly specify your major and level of interest. Guidelines on writing a letter of motivation is available at:

2. A Resume or C.V.

*3. High School Diploma/Secondary School Certificate/Higher Secondary School Certificate with courses in three out of five subjects in biology, chemistry, mathematics, physics, and physiology along with its complete transcript of records (Minimum GPA of 3.00/4.00 or equivalent)

4. English proficiency certificate: IELTS/TOEFL:

NOTE: In order to be admitted to TUMS and commence your studies, you must provide a certificate of IELTS with a minimum band score of 5.5 or its equivalent in TOEFL iBT (minimum 69) or TOEFL PBT (minimum 525). The following individuals are exempted from providing a certificate of English proficiency:

- Applicants who are natives of English speaking countries,
- Applicants whose language of instruction in their previous degrees has been English.

*5. A passport-size photograph

6. A high-quality scan of the main pages of your passport
**Graduate Applicants**

A graduate applicant is an applicant who has already completed and obtained his/her first-level university degree and wishes to pursue his/her education beyond that level in M.Sc., Ph.D., Specialty, Subspecialty, Fellowship, etc. For further information on graduate programs offered by TUMS, please visit our website:

To apply for the graduate level, filling out the Online Application Form and uploading high-quality scans of the following documents are required:

Documents with (*) symbol are mandatory.

*1. A letter of application or motivation in which you clearly specify your major and level of interest. Guidelines on writing a letter of motivation is available at:

*2. A Resume or C.V.

*3. Previous degree(s) in original: Ph.D. candidates should provide both their Bachelor's and Master's (or any other related degree such as M.Phil.), and M.Sc. candidates should provide both their B.Sc. and High School Diploma (or any other related degree such as M.B.B.S.) along with the complete transcript of all records for all degrees (Minimum GPA of 3.00/4.00 or equivalent).

4. English proficiency certificate (IELTS/TOEFL):

NOTE: In order to be admitted to TUMS and commence your studies, you must provide a certificate of IELTS with a minimum band score of 5.5 or its equivalent in TOEFL iBT (minimum 69) or TOEFL PBT (minimum 525). The following individuals are exempted from providing a certificate of English proficiency:

- Applicants who are natives of English speaking countries,
- Applicants whose language of instruction in their previous degrees has been English.

*5. Two letters of recommendation

*6. A passport-size photograph

7. A copy of passport's main pages
How to Prepare the Required Documents

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, who are highly interested in this letter and will critique it, taking special note of these points:
• Clarity of your thought;
• Passion to study medical sciences at TUMS;
• Willingness to go beyond your limit to help others;
• Extracurricular activities (art, sports etc.);
• Life experiences, travel experiences, and your ability to adapt yourself with new environments; and,
• Skills in modern communication and study tools (use of emails, computer software, Internet-based research, Internet-based networking).

Please be specific as to what major and level you are applying for. If you like to explain some point that should be taken into account or a need for assistance, this is a recommended place to mention that.

Please note that we do not judge a Letter of Motivation as good or bad. We simply want to know if the applicant is suitable for placement in our university. Please remember that your Letter of Motivation must be 500 to 1,000 words long and must be written in English.

How to Write a Successful Letter of Motivation:
• Please consider enough time to write your Letter of Motivation deliberately. The Letter of Motivation is a crucial document in your application;
• Do not start your letter of motivation by repeating your C.V.;
• Make sure your Letter of Motivation is well-composed;
• Apply an appropriate style of writing; and,
• Proofread the text and delete all dispensable and redundant parts. At the end, your Letter of Motivation should comprise of not more than two or three pages.

Resume or C.V.:
Your Resume 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 Admissions Committee. Please make special note of the following while writing your Resume or C.V.:
• Include your personal information, educational background, publications, workshop/seminar/conference attendances or presentations, skills, interest and hobbies, work experience, referees and any other related information.
• Use consistent visual elements to attract attention and emphasize highlights (bold, italics, underlining, font sizes, and bullets).
• Use standard fonts.
Official Transcript of all Your Records:
A transcript is an official copy of your academic records. It is a document that provides information about all your completed courses, grades, academic honors and achievements, and the year and semester during which study 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 Proficiency Certificate:
We require an IELTS score of 5.5 (academic module) or its equivalent TOEFL score.

NOTE: In order to be admitted to TUMS and commence your studies, you must provide a certificate of IELTS with a minimum band score of 5.5 or its equivalent in TOEFL iBT (minimum 69) or TOEFL PBT (minimum 525).

The following individuals are exempted from providing a certificate of English proficiency:
• Applicants who are natives of English-Speaking countries
• Applicants whose language of instruction in their previous degrees has been English

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 your former professors, teachers, deans, and/or supervisors to write you a letter of recommendation.

In these letters, we want to know about your learning and research abilities, communication skills, leadership skills, compassion for others, reliability, work ethics, adaptation skills, and creativity. Your letters of recommendation must be written in English and should be addressed to TUMS. The Admissions Office will contact your referees for their recommendation letters via their email addresses. Providing academic emails of your referees is highly recommended.

Guidelines for Photos:
• Photos should be in color;
• The background of your photo is required to be white or a similar light color;
• Photos should be taken in full-face view;
• Your facial expression needs to be neutral and your eyes open; and,
• Photos must have been taken within the last 6 months to reflect your current appearance.

Copy of Passport:
Send a copy of your passport’s main pages if you have one. If you do not have a passport, it is not necessary at the time of application. Later, however, in case of a successful admission, you will need a valid passport to get your visa. If your passport will expire in less than a year, please apply for a renewal immediately to prevent any residency problems during your stay in Iran.

Please note that no one with an Iranian passport can apply. Iranian Applicants with dual citizenships cannot apply either.
After You Apply

After an application is submitted, the applicant will receive an automatic confirmation email including an application code indicating successful submission of the application form. You are advised to remember your application code for any follow-up correspondence. Your application will follow the procedure below:

International Students Admission Procedure
1. Your documents, after being submitted online, will be carefully reviewed. If any essential document is missing, TUMS Office of International Admissions will notify you via email and mark your application as "incomplete" until the requested documents are received. As long as there are missing documents, your application procedure will be paused. Indeed, the application procedure restarts right after you submit the missing documents.

2. Complete applications are reviewed in the Preliminary Review Council (PRC). Once PRC approves them, applications will be sent to the relevant school and department for evaluation. The Preliminary Review Council (PRC) may not accept some applications if they do not meet essential TUMS admission criteria.

3. Applications which are accepted by the relevant school will be sent to the Admissions Committee. Otherwise, a "Refusal" email will be sent to the applicant.

4. In the Admissions Committee, the final decision is made and the applicant will be informed of the result immediately.

If your application is accepted, it will be either Conditional or Unconditional. We will provide detailed information to you about the condition(s) of acceptance. The TUMS acceptance package is valid for one year.

In case of acceptance, you will be asked to confirm your acceptance by forwarding a completed visa application form to TUMS Office of International Admissions in order for us to process your entry visa.
Visa Procedure
After we receive your completed visa application form, TUMS will apply for your student visa. Your visa reference number will be emailed to you as soon as it is received by TUMS Office of International Admissions. All international students are required to go to the Iranian consulate/embassy in their home country, with their visa reference number, to get the visa before departing for Iran.

A minimum of 6 to 8 weeks should be allowed for the completion of the visa processing since the time you submit your completed visa application form. Students will enter Iran with a one-month visa.

<table>
<thead>
<tr>
<th>Form Name</th>
<th>Waiting Period</th>
<th>Location</th>
<th>Address</th>
<th>Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entry Visa (for TUMS Students)</td>
<td>6 - 8 Weeks (Minimum)</td>
<td>Iranian Consulate/Embassy in Your Home Country</td>
<td>Iranian Consulate/Embassy in Your Home Country (Usually, Capital of the Country)</td>
<td>Processed by TUMS</td>
</tr>
<tr>
<td>One-Year Student Residency</td>
<td>4 Weeks</td>
<td>1. DIAD*</td>
<td>1. TUMS Admissions Office 2. Number 27, Shahid Abbass Moosavi St., Ferdosi Sq., Tehran, Iran</td>
<td>Original passport which is valid for at least 2 years.</td>
</tr>
<tr>
<td>Exit and Re-Entry Request (3-Month Long)</td>
<td>One Week Prior to Departure</td>
<td>1. DIAD* 2. Ministry of Foreign Affairs</td>
<td>1. TUMS Admissions Office 2. Number 27, Shahid Abbass Moosavi St., Ferdosi Sq., Tehran, Iran</td>
<td>Your Exit and Re-Entry actual date should be coincident with the request.</td>
</tr>
<tr>
<td>Exit Request (After Graduation)</td>
<td>2 Weeks Prior to Departure</td>
<td>1. DIAD* 2. Ministry of Foreign Affairs</td>
<td>1. TUMS Admissions Office 2. Number 27, Shahid Abbass Moosavi St., Ferdosi Sq., Tehran, Iran</td>
<td>You should leave Iran in determined time.</td>
</tr>
</tbody>
</table>

*DIAD: Directorate of International Affairs and Development
**Arrival and Registration**

Upon your arrival to Iran, we will pick you up from Imam Khomeini International Airport (IKIA) in Tehran and transfer you to your place of living. Please inform us of the time of your arrival and send a copy of your ticket at least 10 days in advance of your arrival. The documents you need to bring with you to TUMS for registration are:

- Original passport;
- 2 photocopies of the main pages of your passport;
- 10 photos (3cm x 4cm);
- Previous degree(s) in original;
- 2 photocopies of previous degree(s); and,

Official Transcript(s) of 2 previous degree(s).

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

1. The Institution which has issued the degree,
2. The Ministry/Department of Education,
3. The Ministry/Department of Foreign Affairs,

Please note that all 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, approved by a notary public, should also be attached to the original document.

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**Your First Week in Iran**

When you arrive in Tehran, a TUMS representative will greet you and transport you to your place of living at international student dormitories. On the next working day, you will be accompanied to TUMS Office of International Admissions where you will register and pay your tuition fee in U.S. 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 residence in Tehran, a TUMS representative will accompany you to register at Dehkhoda Institute for Persian classes (if necessary).

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**What is Next?**

Your one-year student permit needs to be renewed every year you are a student. Please note that you should visit the Ministry of Science, Research, and Technology at least a month before the one-year permit expires to apply for its renewal. TUMS Office of International Admissions will assist interested students for 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).
Schools
Tehran University of Medical Sciences, founded in 1934 and accredited with Premier Status by the Accreditation Service for International Colleges (ASIC), is the oldest and most well-known medical university in Iran. TUMS, with more than 1,500 academic staff, admits students in over 350 graduate and undergraduate programs in 11 schools and over 80 specialized research centers. At the moment, over 17,000 students are studying at TUMS, and it is receiving applications from more than 80 countries in the world.
School of Advanced Technologies in Medicine was established in 2008 as a graduate academic center to educate talented students at M.Sc. and Ph.D. levels. This school also offers post-doctorate programs, fellowships, and short-term courses. School of Advanced Technologies in Medicine looks forward to establishing mutually interested collaborations with well-known academics and research centers throughout the world.

This school accepts students in postgraduate levels. The curriculum is hoped to fill the gap between university and the industry in medical sciences.

TUMS School of Advanced Technologies in Medicine accepts international students in the following programs:

<table>
<thead>
<tr>
<th>Department</th>
<th>Major</th>
<th>M.Sc.</th>
<th>Taught</th>
<th>Ph.D. by Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neuroscience and Addiction Studies</td>
<td>Neuroscience</td>
<td>-</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>Addiction Studies</td>
<td>-</td>
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<tr>
<td>Medical Nanotechnology</td>
<td>Medical Nanotechnology</td>
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<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Molecular Medicine</td>
<td>Molecular Medicine</td>
<td>-</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Tissue Engineering</td>
<td>Tissue Engineering</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Applied Cell Sciences</td>
<td>Applied Cell Sciences</td>
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<tr>
<td>Medical Biotechnology</td>
<td>Medical Biotechnology</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

**Post-Doc Opportunities**
- One-year Post-Doc Fellowship on Neuroscience
- Addiction Studies
- Medical Nanotechnology
- Molecular Medicine
- Tissue Engineering
- Medical Biotechnology

**Training Programs**
- Biotechnology
- Electrospinning and its Application in Medicine
- Tissue Engineering
- Addiction Studies
Department of Medical Nanotechnology
Dr. S. M. Rezayat, Professor
Dr. G. R. Pourmand, Professor
Dr. B. Borori, Assistant Professor
Dr. R. Saber, Assistant Professor
Dr. H. Kharrazi, Assistant Professor
Dr. M. Bayat, Assistant Professor
Dr. M. Khosravani, Assistant Professor
Dr. H. Ghanbari, Assistant Professor
Dr. A. Amadi, Assistant Professor
Dr. R. Faridi, Assistant Professor
Dr. S. Sarkar, Assistant Professor

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Department of Medical Biotechnology
Dr. M. R. Khorramizadeh, Professor
Dr. S. Rezaei, Professor
Dr. M. R. Pourmand, Associate Professor
Dr. G. A. Kardar, Associate Professor
Dr. M. Amanlou, Associate Professor
Dr. M. Aminian, Associate Professor
Dr. E. Sadroddiny, Associate Professor
Dr. E. Motavaseli, Associate Professor
Dr. L. Teymori, Associate Professor
Dr. M. A. Mazlomi, Associate Professor

Counseling and Services:
- Biotech laboratory setup and standardization and regulatory issues for official inquiries
- Development of cellular or animal model for biotech research
Department of Molecular Medicine
Dr. R. Malekzadeh, Professor
Dr. M. Pajouhi, Professor
Dr. B. Nikbin, Assistant Professor
Dr. M. H. Modarresi, Assistant Professor
Dr. A. Golestani, Assistant Professor
Dr. P. Pasalar, Assistant Professor
Dr. Z. Majd, Assistant Professor

Contact Person:
Dr. G. H. Ghahremani
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Research Interests
• Antibodies Engineering Research and Development
• Targeted Drug Delivery
• Biomarkers & Biosensors
• Therapeutic & Diagnostic Small Molecules
• Vaccine Research

Associated Laboratories
• Molecular Mycology Laboratory, School of Public Health
• Core Facility at TUMS
• Quality Control Laboratory, School of Public Health

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Department of Applied Cell Sciences
Dr. A. Samadi Kouchak Saraei, Associate Professor
Dr. A. A. Hamidieh, Associate Professor
Dr. J. Verdi, Associate Professor

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Dr. S. M. Tavangar, Professor
Dr. J. Hajati, Professor
Dr. A. Kajbafzadeh, Professor
Dr. M. Vasei, Professor
Dr. N. Ostad, Professor
Dr. J. Aye, Professor
Dr. N. Lotfi, Assistant Professor
Dr. M. Azami, Assistant Professor

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Department of Neurosciences and Addiction Studies
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Dr. M. O. Razaghi, Assistant Professor
Dr. M. Tehrani Doost, Assistant Professor
Dr. M. T. Joghataei, Professor
Dr. M. Karimian, Professor
Dr. M. Sharifzadeh, Professor
Dr. A. Nejatisafa
Dr. A. Mokri, Assistant Professor
Dr. M. Mehrpour, Assistant Professor
Dr. M. Noroozian, Assistant Professor
Dr. M. Zahmatkesh, Assistant Professor
Dr. N. Vosoghi, Assistant Professor

Research Interests
• Three-dimensional tissue and cell culture
• Tissue engineering by nanofiber scaffolds
• IPS cells and endometrial stem cells
• Neural differentiation using over expression of miRNAs
• Design and synthesis of biomaterials for tissue engineering
• Bioactive coatings/scaffolds for tissue engineering application
• Bioactive scaffolds for neural tissue engineering
As a result of the increasing interest in and the national need for related health services, TUMS School of Allied Medical Sciences was established in 1990 and has been expanded as a graduate school with several departments. It has since been assigned to train experts in different fields at Bachelor’s, Master’s and Ph.D. levels. In this school, there exists the belief that in the field of biomedical sciences, there is always something new to discover. Therefore, our courses focus on practical skills. We try to equip our students with the skills and knowledge they need once they graduate.

The School of Allied Medical Sciences is also known as the best in the country due to its being first in innovation and the best in administrative innovation, publishing scientific research journal, developing postgraduate courses, establishing clinical and information skills centers and equipped research centers (for instance, the Health Information Management Research Center, Research Center for Zoonotic Diseases, and Central Research Laboratory), as well as having scientific collaboration with eight other research centers in the country.

TUMS School of Allied Medical Sciences accepts international students in the following programs:

<table>
<thead>
<tr>
<th>Department</th>
<th>Major</th>
<th>B.Sc.</th>
<th>M.Sc.</th>
<th>Ph.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hematology &amp; Blood Transfusion</td>
<td>Hematology &amp; Blood Transfusion</td>
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<td>✔</td>
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<tr>
<td>Librarianship &amp; Medical Information</td>
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<td>-</td>
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<td>✔</td>
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<td>Healthcare Management</td>
<td>Healthcare Management</td>
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<td>-</td>
<td>-</td>
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<td>Medical Laboratory Sciences</td>
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<td>-</td>
<td>-</td>
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<td>Anastasia Technology</td>
<td>Anesthesia Techniques</td>
<td>✔</td>
<td>✔</td>
<td>-</td>
</tr>
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<td></td>
<td>Medical Emergencies Technology</td>
<td>✔</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Operating Room Technology</td>
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<td>-</td>
<td>-</td>
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<td>Health Information Management</td>
<td>Medical Informatics</td>
<td>-</td>
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<td>✔</td>
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<td>Health Information Management (HIM)</td>
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<td>-</td>
<td>✔</td>
</tr>
<tr>
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<td>Health Information Technology (HIT)</td>
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<td>-</td>
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<tr>
<td>Radiation Sciences</td>
<td>Radiobiological Studies &amp; Radiation Protection</td>
<td>-</td>
<td>✔</td>
<td>-</td>
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<td></td>
<td>Radiotherapy Technology</td>
<td>✔</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Technology of Medical Imaging (Radiology Technology)</td>
<td>✔</td>
<td>✔</td>
<td>-</td>
</tr>
</tbody>
</table>
Dean
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Department of Medical Laboratory Sciences
This department aims to train efficient and committed individuals in medical sciences laboratories to work in specialized clinical labs.

Research Interests
• Genetics of Giardin
• Protozoology

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Department of Health Information Management
This department aims to educate specialized individuals at Bachelor’s, Master’s and Ph.D. levels in Health Information Management and Health Information Technology in order to meet health centers’ needs and train Ph.D. students for universities as academic members.

Research Interests
• Classification and Labeling Systems
• Electronic Health Records
• Data Analysis
• Health Information System
• Telemedicine

Faculty Members
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Department of Healthcare Management
This department, in order to meet the society’s needs and enhance the efficacy of various related activities, aims to train efficient individuals who specialize in healthcare management.

Research Interests
- Quality of Work Life (QWL)
- Stress Management
- Organizational Behavior
- Human Resource Management
- Personality and Healthcare Management

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Hojjat Rahmani, Ph.D. in Healthcare Management
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Department of Anesthesia Technology
This department aims to educate efficient individuals to assist anesthesiologists in recovery rooms and work under their leadership.

Research Interests
• Professional Ethics
• Health and Safety
• Medical Equipment

Faculty Members
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Saied Vahedi, Pharm.D.
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Azin Rahimi, Ph.D. in Clinical Language
Assistant Professor
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E-mail: mmwinds@yahoo.com

Operating Room Department
This department aims to train efficient individuals to assist surgeons in the operating rooms and work under their leadership.

Research Interests
• Health and Safety
• Medical Equipment

Faculty Members
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Azin Rahimi, Ph.D. in Clinical Language
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Department of Hematology and Blood Transfusion
This department aims to train efficient and specialized individuals for Master’s and Ph.D. programs in practical hematology and blood transfusion in order to train the workforce for hematology labs, blood banks, and transfusion centers and to teach in medical universities.

Research Interests
- Micro RNA in Hematological Diseases
- Rare Bleeding Disorders
- Epigenetic: Hematology and Coagulation
- Genetic and Epigenetic of Coagulation Disorders
- Hematopoietic Stem Cells, Mesenchymal Stem Cells and Embryonic System Cells
- Induced Pluripotent Stem Cells
- Genetics and Epigenetics of Hematological Malignancies

Faculty Members
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Fax: (+98 21) 88 60 79 63
E-mail: alizadeh1982@gmail.com

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Abdolhamid Jahanmehr, Ph.D. in Hematology and Blood Transfusion
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E-mail: hajahan@yahoo.com

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E-mail: Azitamo@yahoo.com

Zahra Alizadeh, M.Sc. in Hematology and Blood Transfusion
Instructor
Tel: (+98 21) 86 70 46 46
E-mail: zahra.alizadeh9066@yahoo.com

Department of Medical Biotechnology
This department aims to train professional and specialized individuals to work at organizations and companies which produce biotechnological products and conduct related research projects.

Research Interests
- Molecular Diagnostics
- Tissue Engineering
- Stem Cells
- Molecular Pharmacology and Histology
- Science Policy and Scientometry

Faculty Member
Sakineh Abbasi, Ph.D. in Molecular Genetics
Assistant Professor
Tel: (+98 21) 86 70 47 76
E-mail: sakineh4612004@yahoo.com
Department of Librarianship and Medical Information
With regard to the development of scientific publications and the existence of various levels of users, training expert librarians is required in order to run the libraries and information centers with the aim of efficiently organizing and monitoring information sources for user access. In addition, research in this field needs training of specialized individuals who are able to work in the field of education and research areas.

Research Interests
• RFID
• Exergy of Medical Journals
• Bibliometrics
• Portal Component Library
• Virtual Reference Library
• Database Design Services
• Usability of Web Pages
• Library Services Management

Faculty Members
Mohammad Javad Ghazi Mirsaeed, Ph.D. in Librarianship Sciences
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Department of Radiology and Radiotherapy
This department aims to train students in radiography, specialized radiology, radiotherapy, and nuclear medicine for working at radiology, radiotherapy, and nuclear medicine departments.

Research Interests
• CT
• Quality Control
• Irradiation Safety
• Medical Imaging
• Radiobiology

Faculty Members
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School of Allied Medical Sciences

Department of Medical Informatics
This department aims to achieve excellence in research and education in medical informatics in order to improve human health, healthcare and related research.

Research Interests
• Artificial Intelligence in Medicine
• Decision Support and Expert Systems Using Fuzzy Logic and ANN
• Image Processing
• Tele Medicine

Faculty Members
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Abbas Shaikh Taheri, Ph.D. in Health Information Management
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School’s Journal
Payavard Salamat Journal
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Tel/Fax: (+98 21) 88 60 79 46
E-mail: salamat@tums.ac.ir
Website: http://Payavard.tums.ac.ir

School’s Research Centers
Central Research Lab
The Central Research Laboratory at the School of Allied Medical Sciences has access to state-of-the-art instruments essential for a thriving university research program. The center enjoys having access to instruments such as Flow Cytometer with Sorter, Fluorescence Imaging Microscope, Quantitative PCR and other necessary equipment. This research facility compliments other specialized departmental and school research laboratories, and, as such, aims to promote individual as well as joint and multidisciplinary cooperative research.

The laboratory is, therefore, designed primarily to serve the school’s faculty members, their graduate students and their research collaborators, both from the industry and from other universities and colleges within Tehran and other parts of Iran. Furthermore, this laboratory will contribute to excellence in undergraduate teaching by providing students with hands-on learning experience on advanced instruments and a giving them a head start in scientific research.

The Central Research Laboratory serves research in most disciplines including basic sciences, medicine, health sciences and food sciences. Growth, upgrading and the addition of new instruments to the laboratory’s arsenal will be in line with research needs and trends. This facility is a testimony to our commitment to provide a most needed research environment for Iranian researchers. It will also represent the backbone of future Ph.D. programs at the School of Allied Medical Sciences, as it will provide our students with hands-on experience and advanced research training.
Basic Sciences Research Lab
Basic Sciences Research Lab at TUMS School of Allied Medical Sciences has rapidly grown into one of the largest research powerhouses in the nation. We have more health sciences colleges located in close proximity to one another than any other Iranian medical university, and our success in obtaining NIH and other grants has advanced the construction of extensive laboratories and clinical infrastructure.

Tehran University of Medical Sciences ranked first in total research expenditures (including in the realm of health sciences) among all universities and second among Middle Eastern medical universities regarding research activities.

Research Center for Health Information Management
The Research Center for Health Information Management is a multi-disciplinary research center coordinated by the School of Allied Medical Sciences, Office of Vice-Chancellor for Research Affairs, Tehran University of Medical Sciences. It undertakes international research in healthcare and health information management and facilitates the dissemination of research in these areas and the topics shared among the fields of healthcare management, health information management, health information technology, and health technology assessment. Professor Hossein Dargahi is the Director, and Dr. Reza Safdari is the Deputy Director of the center.

Aims and Objectives
- To undertake analytical, evaluative and innovative research to improve healthcare management and health information management;
- To improve health information management and healthcare management;
- To facilitate the dissemination of research in health information management in the international community;
- To provide international research-led education in healthcare management and health information as part of professional development of works in healthcare.

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M.Sc. in Healthcare Management
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Farzaneh Vafajoo
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When Dar-ol-Fonoon was founded in 1894, dentistry was taught as a sub-branch of medicine at the same school. After establishing University of Tehran in 1934, dentistry separated as an independent school. TUMS School of Dentistry is the foremost dental center in Iran with an international reputation of 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. This school, as a professional educational institution, offers a full range of academic courses, including comprehensive undergraduate and postgraduate programs in collaboration with highly experienced faculty members through proper facilities and the most advanced methods.

**Message from the School’s Dean**

Welcome to the School of Dentistry at Tehran University of Medical Sciences, the oldest in the Middle East (since the 1920s). The old building was constructed by Germans before the First World War. The new building with well-designed dental clinics and high-tech laboratories, creates a supportive educational setting for faculty members and students, with attention being paid to patients’ comfort.

The campus courtyard with a wonderful view of Tehran and Milad Tower is a good place for joyful moments. The School of Dentistry is home to 12 departments, 120 faculty members, 300 staff and 600 students. The updated innovative and integrated dental curriculum encourages faculties for progressive teaching activities and students for a competing learning environment.

The high number of patients making appointment for dental services brings about a full opportunity for students to experience a variety of cases to get skilled in providing the services.

Our School cares about new findings in dental sciences, community oral health issues, and translating information to clinical advances and better disease control.

The multi-approach and vibrant degrees and fellowships indicate the high-level graduate and post-graduate education the faculties are committed to.

Dr. Mohammad Bayat
Dean
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Undergraduate Programs
We offer the following undergraduate opportunities:
- A four-year program in Dental Laboratory Technology, which offers a B.Sc. degree
- A six-year program in Dentistry

Since the language of doctor-patient interaction is Persian, our undergraduate programs are offered in Persian. As such, all those admitted to our undergraduate programs need to come to Iran at least one semester prior to the start of their program for participation in Persian language courses. Please note that all postgraduate programs are offered in English.

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 resident of the corresponding department for 3-4 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. There are also various fellowships (Post-Doc), such as cosmetic dentistry, maxillofacial surgery, oral and maxillofacial oncology, and trauma, that are only offered to specialists (See the following list for details).

TUMS School of Dentistry accepts international students in the following programs:

<table>
<thead>
<tr>
<th>Department</th>
<th>Major</th>
<th>B.Sc.</th>
<th>M.Sc.</th>
<th>Taught Ph.D.</th>
<th>Ph.D. by Research*</th>
<th>Residency (Specialty)</th>
<th>Fellowship</th>
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<tbody>
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Training Programs
• Endodontics Surgery
• Implantology
• Laser
• Microscopic Endodontics

Medical Electives (Clinical Rotations/Internships)
• Community Oral Health
• Dental Biomaterials
• Endodontics
• Oral & Maxillofacial Medicine
• Oral & Maxillofacial Pathology
• Oral & Maxillofacial Radiology
• Oral & Maxillofacial Surgery
• Orthodontics
• Pediatric Dentistry
• Periodontics
• Prosthodontics
• Restorative Dentistry

Summer Programs
• Overview of clinical dentistry (in various disciplines of dentistry)
• Management in Oral Health Care Services
• Scientific Writing
Department of Community Oral Health

In 2000, the Department of Community Oral Health started its work as a postgraduate discipline in dentistry. This department offers both Master's and Ph.D. programs.

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

Degree awarded: Master of Dental Public Health (M.D.P.H.)
Duration: 1.5 years, full-time

The Ph.D. program consists of two stages. The 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, and oral health centers, or as academics at university level.

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

Main Areas of Research
- Epidemiological studies of oral health problems (dental caries, periodontal diseases, 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;
- Preparing evidence-based oral health promotion 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; and,
- Preventive and non-invasive management of caries.

Faculty Members
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Department of Dental Biomaterials

Department of Dental Biomaterials 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 local and international candidates since 2007.

M.Sc. in Dental Biomaterials
Duration: 2 years
This program includes some obligatory and complementary courses based on the candidate's background. The majority of the coursework is through the Department of Dental Biomaterials, School of Dentistry. Complementary courses will be assigned by the student's supervisor.

Ph.D. in Dental Biomaterials
Duration: 4 years, full-time
Training will be provided at the School of Dentistry with the collaboration of Dental Biomaterials Research Centers and School of Advanced Medical Technologies. 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 certificate-based 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 the research course, leading to an article-based thesis of their original research.

Main Areas 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

Further Information
For further information on postgraduate programs in Dental Biomaterial, please contact:

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Coordinator of International Affairs, Department of Dental Biomaterials, School of Dentistry, Tehran University of Medical Sciences
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Tel: (+98 21) 88 01 59 09

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Department of Dental Biomaterials has three laboratories for biomaterials studies. Moreover, the department collaborates with other laboratories in other research centers and schools inside and outside the main campus, listed in the following:

- **Laboratory of Biomechanical Characterization and Properties of Materials**
  
  **Location:** School of Advanced Medical Technologies, Imam Khomeini Complex  
  **Facilities:** ISOMET Micro-Saw, Universal Testing Machine, Vickers Microhardness, Shore-A Hardness, Acid Erosion Tester, Dip Coater, Thermocycling Machine, High-Speed Saw, etc.

- **Laboratory of Chemical Synthesis**
  
  **Location:** Dental Biomaterials Research Center, TUMS Campus  
  **Facilities:** Laboratory equipment for organic and non-organic biomaterials synthesis

- **Laboratory of Biomaterial Analysis**
  
  **Location:** Dental Biomaterials Research Center, TUMS Campus  
  **Facilities:** XRD, FT-IR, STA

**Department of Dental Laboratory Technology**

Dental laboratory technicians use impressions or molds of a patient’s teeth to create crowns, bridges, dentures and other dental appliances. They work closely with dentists but have limited contact with patients. We offer a four-year B.Sc. program and a Ph.D. by Research program for undergraduate and postgraduate students, respectively.

**Department of Endodontics**

Department of Endodontics offers both basic and advanced education for undergraduate and postgraduate students. Patients are also treated by students under the supervision of faculty members.

TUMS School of Dentistry offers the Master of Clinical Dentistry degree in Endodontics which is a three-year full-time course for general dentists wishing to develop their clinical skills and professional knowledge in this discipline in order to practice as a specialist.

**Contact Person for International Affairs:**

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**Faculty members**

- **Dr. Kazem Ashofteh Yazdi**, Associate Professor  

- **Dr. Behnam Bolhari**, Assistant Professor  

- **Dr. Sedighe Khedmat**, Associate Professor  
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- **Dr. Hasan Razmi**, Associate Professor  

- **Dr. Mohammad Reza Sharifian**, Assistant Professor  

- **Dr. Noushin Shokouhinejad**, Associate Professor  
  [http://tums.ac.ir/faculties/nshokouhinejad](http://tums.ac.ir/faculties/nshokouhinejad)

- **Dr. Mohamadsaeid Sheikhrzaei**, Associate Professor  
  [http://tums.ac.ir/faculties/sheikhrm](http://tums.ac.ir/faculties/sheikhrm)
Department of Oral and Maxillofacial Medicine
Oral medicine is a branch of dentistry placed at the interface between medicine and dentistry. Oral medicine is concerned with clinical diagnosis and non-surgical management of non-dental pathologies affecting the oral and maxillofacial region. Moreover, it involves the diagnosis and follow-up of pre-malignant lesions of the oral cavity, chronic, and acute pain. Another aspect of the field is managing the dental and oral conditions of medically compromised patients.

Master of Clinical Dentistry in Oral and Maxillofacial Medicine is a three-year full-time program for general dentists wishing to develop their clinical skills and professional knowledge in this discipline in order to practice as a specialist.

Faculty Members
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Dr. Arash Mansourian, Associate Professor  
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Dr. Jalil Momen Beitollahi, Assistant Professor  
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Dr. Shamsoulmolouk Najafi, Assistant Professor  
http://tums.ac.ir/faculties/najafi_sh

Dr. Mahnaz Sahebjamee, Professor  
http://tums.ac.ir/faculties/sahebjam

Dr. Shiva Shirazizn, Assistant Professor  
http://tums.ac.ir/faculties/shiraziansh

Dr. Arghavan Tonekaboni  
Coordinator of International Affairs  
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Department of Oral and Maxillofacial Pathology
The Department of Oral and Maxillofacial Pathology, as the first department of oral and maxillofacial pathology in Iran, offers its services in a number of fields.

We provide basic and advanced education for undergraduate and postgraduate dentistry and other related students and train dental technicians. Department of Oral and Maxillofacial Pathology cooperates with credible scientific centers such as Iran Cancer Institute and Iran Dental Research Center in various research and educational programs.

Our department owns the largest collection of oral and maxillofacial lesions in Iran (more than 14,000 samples) including slides, paraffin embedded blocks, and clinical and para-clinical documents. We accept and prepare specimens for pathologic evaluations in our laboratory and answer consultations from dentists and surgeons.

Faculty Members
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Dr. Maryam Khalili, Assistant Professor  
http://tums.ac.ir/faculties/mkhalili

Dr. Pouriya Motahari, Assistant Professor  
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Department of Oral and Maxillofacial Radiology

Oral and maxillofacial radiology is a branch of dentistry concerned with the performance and interpretation of diagnostic imaging used for examining the craniofacial, dental and adjacent structures.

Postgraduate training of oral and maxillofacial radiology residency in TUMS was started in 1983 by Dr. G. Rahbari and Dr. G. M. Shourjah. Today, our postgraduate training program is a three-year full-time course. Residents are expected to develop the clinical and academic skills needed to function effectively in private practice, hospitals or educational institutions, and to use complex imaging systems in the diagnosis, study and management of oral and maxillofacial conditions and diseases.

Our department emphasizes on the performance and interpretation of diagnostic imaging including intra- and extra-oral radiographs, CBCT, tomography and sialography.

Faculty Members

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Dr. Mehdi Niknami, Assistant Professor
niknami81@yahoo.com

Dr. Mehrdad Panjnoush, Assistant Professor
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Department of Oral and Maxillofacial Surgery

Oral and maxillofacial surgery is a branch of dentistry which treats diseases, injuries and defects in the head, neck, face, jaws and the hard and soft tissues of the oral and maxillofacial region. An oral and maxillofacial surgeon is a regional specialist surgeon treating the entire craniomaxillofacial complex including anatomical areas of the mouth, jaws, face, skull, as well as other associated structures.

TUMS School of Dentistry offers Master of Clinical Dentistry in Oral and Maxillofacial Surgery for general dentists wishing to develop their clinical skills and professional knowledge in this discipline in order to practice as a specialist.

Faculty Members

Dr. Amir Jalal Abbasi, Assistant Professor
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Dr. Abbas Karimi, Assistant Professor
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Dr. Farnoush Mohammadi, Assistant Professor
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Dr. Gholamreza Shirani, Assistant Professor
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Dr. Seyed Alireza Parhiz, Assistant Professor
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Dr. Reza Sharifi, Assistant Professor
Coordinator of International Affairs
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Orthodontics is a branch of dentistry dealing with malocclusion (improper bites), which may be a result of tooth irregularity, disproportionate jaw relationships or both. Orthodontic treatments focus on both dental displacement and modification of facial growth.

We offer the Master of Clinical Dentistry degree in Orthodontics for general dentists wishing to develop their clinical skills and professional knowledge in order to practice as a specialist.

Faculty Members
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Dr. Sarvin Samadi, Assistant Professor
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Pediatric dentistry is the branch of dentistry dealing with children from birth through adolescence. Pediatric dentists promote the dental health of children and serve as educational resources for parents.

TUMS three-year pediatric dentistry residency program is designed to produce strong pediatric dentists who may choose to pursue a career in teaching, private practice or both and are knowledgeable about the disparities in the delivery of dental care.

Faculty Members
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Dr. Mahdi Shahrabi, Associate Professor
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Department of Periodontology
This department provides basic and advanced education for undergraduate and postgraduate dentistry students. The TUMS Periodontics Residency Program is a three-year, full-time, specialty-training program. It is designed to provide an advanced level of education and clinical experiences in periodontology for highly qualified graduate dentists who are interested in a specialty career.

Faculty Members
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Dr. Siamak Yaghobee, Assistant Professor
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Department of Prosthodontics
Prosthodontics is a branch of dentistry pertaining to the rehabilitation and maintenance of the oral function, comfort, appearance and health of patients with clinical conditions associated with missing or deficient teeth and/or oral and maxillofacial tissues using biocompatible substitutes. The primary role of this department is the training of pre-doctoral and graduate students to restore and replace damaged and missing teeth.

Our department offers a comprehensive advanced education program in prosthodontics. Progressive clinical, laboratory and didactic experience in fixed, removable, maxillofacial and implant prosthodontics, as well as interrelations with other medical and dental specialties, are emphasized.

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Department of Restorative Dentistry

Restorative dentistry is the study, diagnosis, and integrated management of diseases of the teeth and their supporting structures and the rehabilitation of the dentition to functional and aesthetic requirements of the individual.

We offer the Master of Clinical Dentistry degree in Restorative and Cosmetic Dentistry for general dentists wishing to develop their clinical skills and professional knowledge in order to practice as a specialist. TUMS Restorative Residency Program is a three-year, full-time, specialty-training program. It is designed to provide an advanced level of education and clinical experiences.

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http://tums.ac.ir/faculties/Iranjbar

Dr. Esmaeil Yassini, Professor
http://tums.ac.ir/faculties/yasinies
**School’s Journal**
Journal of Dentistry of Tehran University of Medical Sciences (JDT) is the first Iranian dental journal in English. JDT is an open-access, peer-reviewed quarterly journal published by TUMS Dental Research Center (DRC), which is a dynamic, rapidly growing research institute. Based on JDT policy, all submitted manuscripts are initially evaluated in Editorial Board Committee meetings (held weekly) to find peer reviewers based on the subject of the article. The final decision regarding publication of articles is made in the meetings of the Editorial Board Committee, based on input from the reviewers and amendments made by the authors.

The main scope of JDT is to publish original basic and clinical studies in the field of dentistry. General dentists, dental specialists, clinicians, students and postgraduate students of dentistry, as well as researchers and academic members who do research in the field of dentistry could be considered as the audience of this journal. This journal’s editorial board consists of specialists in different fields of dentistry and medical sciences selected on the basis of their research background from national and international experts. This journal is regularly listed in bibliographic services of PubMed, PubMed Central, Chemical Abstract, SID, IMEMR, Index Copernicus and Iran Medex. For more information, please visit its web page at:
http://jdt.tums.ac.ir

**Further information:**
Mohammad Reza Khami
Vice-Dean for Global Strategies and International Affairs at School of Dentistry
E-mail: mkhami@tums.ac.ir
Tel: (+98 21) 88 35 12 55

**School’s Research Centers**
Craniomaxillofacial Research Center

Dental Implant Research Center
http://dirc.tums.ac.ir/implants/english/15.1/implants/

Dental Research Center
http://drc.tums.ac.ir/index.asp

Laser Research Center
http://lrcd.tums.ac.ir/
In 1849, the first modern class of medicine at Dar-ol-Fonoon was founded, and the pioneering graduates started the practice of modern medicine in 1856. In 1918, Dar-ol-Fonoon was renamed to the College of Medicine and in 1934, it turned into the School of Medicine of University of Tehran.

Now, it has 44 departments, covering basic and clinical sciences. It has an unrivaled number of 1,452 faculty members, and 16 hospitals are affiliated with the school. It trains around 8,000 students in over 100 postgraduate and medical programs. Currently, the school has more than 100 international students.

TUMS School of Medicine has comprehensive programs on clinical sciences covering M.D., residency, and fellowship programs. It also offers versatile graduate degrees, such as M.Sc., M.P.H. and Ph.D. in basic sciences. The school’s faculty members are recognized as the leading clinicians and scientists of the country, not only in terms of didactic training but also in clinical skills transfer, role-modeling, and research mentoring.

The school is committed to innovation in education, research excellence, ethics and integrity, and comprehensive clinical services, specifically in the most challenging of clinical scenarios.

Amir Hossein Emami, Associate Professor of Internal Medicine
Dean
E-mail: deanmed@tums.ac.ir
Tel : (+98 21) 88 95 30 01
Fax: (+98 21) 66 40 43 77

Educational Departments
Clinical Departments:
- Anesthesiology
- Cardiology
- Neurosurgery
- Emergency Medicine
- ENT
- Internal Medicine
- General Surgery
- Geriatrics
- Infectious Disease
- Orthopedics
- Pediatrics
- Plastic and Reconstructive Surgery
- Psychiatry
- Radiology
- Urology
- Dermatology
- Neurology
- Nuclear Medicine
- Obstetrics and Gynecology
- Ophthalmology
- Radiotherapy
- Rehabilitation
- Sports Medicine

Basic Sciences Departments:
- Physiology
- Virology
- Parasitology
- Pharmacology
- Anatomy
- Medical Education
- Biochemistry
- Genetics
- Immunology and Biology
- Medical Ethics
- Medical Physics and Biomedical Engineering
- Microbiology
- Pathology

**Assorted Departments:**
- Community Medicine
- Forensic Medicine
- Occupational Medicine

TUMS School of Medicine offers numerous programs at both undergraduate and postgraduate levels. However, for the coming academic year, it admits international students to M.D. and the following programs only:

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**Post-Doc Opportunities**
Department of Medical Physics and Biomedical Engineering
- Post-Doc program in Developing Advanced Image Processing and Analysis Algorithms for Brain Tumors

**Training Programs**
Department of Anatomy
- Education in Anatomy

Department of Biochemistry
- Biochemistry

Department of Pharmacology
- Pharmacology
- Toxicology

Department of Physiology
- Physiology
- Sport Physiology

Department of Medical Physics and Biomedical Engineering
- Clinical Application of fMRI and DTI
- MRI-Molecular Imaging (MRMI)
- Theoretical and Practical Training in MRI (a basic course on MR Physics for technologists and radiologists)
- Theoretical and Practical Training in MRI (an advanced course on MR Physics for technologists and radiologists)
• Theoretical and Practical Training in MRI (an intermediate course on MR Physics for technologists and radiologists)

Department of Anesthesiology Critical Care and Pain Management
• Critical Care
• Pain Management

Department of Surgery
• Breast Surgery
• Laparoscopic Surgery

Department of Nuclear Medicine
• Nuclear Cardiology for Physicians
• Nuclear Cardiology for Technologists

Department of Obstetrics and Gynecology
• Diagnostic & Operative Laparoscopy
• Diagnostic Hysteroscopy
• Observational IVF, ART
• Operative Hysteroscopy

Department of Occupational Medicine
• Occupational Lung Disease and PFT
• Occupational Medicine
• Sleep Disorder and Polysomnography

Department of Ophthalmology
• Cataract Surgery
• Cornea & External Diseases
• Glaucoma
• Medical Retina
• Oculoplastics
• ROP & Pediatric Retina
• Strabismus
• Vitreo-Retinal Surgery

Department of Radiation Oncology
• Radiation Oncology
• Radiotherapy Physics

Department of Sports Medicine
• Team Physician

Medical Electives (Clinical Rotations/Internships)
• Anesthesiology
• Cardiology
• Dermatology
• Emergency Medicine
• ENT
• Family Medicine
• Forensic Medicine
• General Surgery
• Geriatrics
• Infectious Diseases
• Internal Medicine
• Neurology
• Neurosurgery
• Nuclear Medicine
• Obstetrics and Gynecology
• Occupational Medicine
• Ophthalmology
• Orthopedic Surgery
• Pathology
• Pediatrics
• Psychiatry
• Radiology
• Radiotherapy
• Sports Medicine
• Urology

Summer Programs
Department of Anesthesiology Critical Care and Pain Management
• Acute pain Management of Anesthesiologist
• Basic Critical Care for Anesthesiologists
School’s Research Centers

- Student Scientific Research Center
- Pediatric Urology Research Center
- Child Growth & Development Research Center
- Rheumatology Research Center
- AIDS Research Center
- Iranian Center of Neurological Research
- Iranian Research Center of Pediatric Infectious Diseases
- Laser Research Center of Dentistry
- Trauma and Surgery Research Center
- Brain and Spinal Injury Repair Research Center
- Eye Research Center
- Hematology-Oncology and Stem Cell Transplantation Research Center
- Transplantation Research Center
- Occupational Medicine Research Center
- Occupational Disease and Occupational Medicine Research Center
- Bank Products Link Research Center
- Institute of Endocrinology and Metabolism
- Physiology Research Center
- Tehran Health Research Center
- Digestive Disease Research Center
- Research Center of the Mother, Fetus and New Born
- Basic Electrophysiology Research
- Psychiatry and Psychology Research Center
- Immunology, Asthma & Allergy Research Institute
- Oncopathology Research Center
- Medical Ethics and History of Medicine Research Center
- Gastro Intestinal and Liver Diseases Research Center
- Vali-e-Asr Reproductive Health Research Center
- Iranian National Center for Addiction Studies
• Pediatric Infectious Diseases Research Center
• Otolaryngology, Head and Neck Research Center
• Research Center for Sports Medicine
• Breastfeeding Research Center
• Nephrology Research Center

School's Journals
• Acta Medica Iranica (English Full-Text Journal)
• Tehran University Medical Journal
• Asian Journal of Sports Medicine
• Iranian Journal of Pediatrics
• Iranian Journal of Psychiatry
• Iranian Journal of Neurology
• Journal of Family and Reproductive Health
• Iranian Journal of Medical Ethics and History of Medicine
• Iranian Journal of Nuclear Medicine

Contact Person
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Professor of Clinical Neuroscience
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Tel: (+98 21) 88 98 94 87
Fax: (+98 21) 64 05 34 31
Address: International Relations Office, School of Medicine, PourSina St., Tehran, 1417613151, Iran.
TUMS School of Nursing and Midwifery is proud of its more than seventy-year history of education and pioneering position in research. Established in 1936, this school has always been one of the reputed TUMS schools nationally and regionally.

With more than 1,471 undergraduate and graduate nursing and midwifery students, 83 faculty members and top alumni at all levels, the school has an indisputable influence in virtually all national and regional nursing and midwifery events.

The nursing education program in this school was initiated as a two-year hospital-based diploma and then a three-year Bachelor’s degree in nursing; however, it developed steadily over the years and resulted in a wide range of undergraduate and graduate programs on offer today. Tracking this steady improvement throughout history yields the following: Bachelor of Science degree (1963), Master’s degree in Nursing (1975), Master’s degree in Midwifery (1988), Master’s degree in Anesthesia (1989), Ph.D. in Nursing (1999), Joint Program of Ph.D. in Nursing with Karolinska Institute of Sweden (2004), Ph.D. in Reproductive Health (2006), Continuing Education in Nursing and Midwifery (2007), Critical Care Nursing (Adult) (2008), N.I.C.U. (2009), and Geriatric Nursing (2011). We aim to discover, disseminate and apply new knowledge through undergraduate, graduate and professional programs of excellent quality and within a vibrant and supportive learning and research environment.

TUMS School of Nursing and Midwifery accepts international students in the following programs:

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Training Programs
- Critical Care Nursing (one month)
- Emergency Nursing Care (one month)
- Maternal & Child Health Care (one month)
- Nursing Care in Neonatal Intensive Care Unit and Pediatric Care Units (one month)

Medical Electives (Clinical Rotations/Internships)
- Community Health Nursing
- Geriatric Nursing
- Intensive Care Nursing
- Maternal & Child Health
- Medical Surgical Nursing
- Midwifery
- Pediatric Nursing and NICU
- Psychiatric Nursing
- Reproductive Health
Department of Basic Sciences
The Department of Basic Sciences was established in 2011 with the aim of enhancing the relationship between clinical disciplines and basic sciences. The department is in charge of teaching theoretical and applied courses of basic sciences in subjects as varied as immunology, physiology, nursing information technology, medical information systems, computer application in medical sciences using medical libraries, biochemistry, nutrition, pharmacology, genetics and anatomy, at Bachelor’s, Master’s and doctoral levels. Participating in congresses and conferences, giving lectures, holding workshops, authoring and translating publications on basic sciences, publishing papers in ISI-indexed journals, as well as advising and supervising students’ dissertations constitute some other activities of this department.

Department of Pediatric Nursing
The Department of Pediatric Nursing of Tehran University of Medical Sciences offers students more chances to acquire expertise than other schools of nursing all over the country. This department also intends to build a strong basis in the science of child-care at Bachelor’s level. This program demonstrates strong clinical experience at pediatric hospitals all over the country. Each academic staff member attempts to fulfill the goals of the university and the country’s health map with an effective presence in clinical fields and consistent with educational and research programs. Also, the presence of academic staff members in the policy-making of the Ministry of Health and Medical Education is one of the strong advantages of this department.

Virtual presentation of some courses at different levels, the effective cooperation of Ph.D. students in teaching Master’s and Bachelor’s students, and holding specialized courses in research methods, online search, and academic paper writing are worth mentioning as instances of the routine activities going on in this department.

We are proud to admit competent candidates to the Master’s and Ph.D. programs in Pediatric Nursing from all over the world. At the moment, in addition to courses at Bachelor’s, Master’s and Ph.D. programs, short-term programs are offered with the aim of empowering nurses in neonatal and pediatric intensive care and pediatric emergency, as well as learning the new achievements in pediatric nursing held with the cooperation of the Office of Continual Nursing Education of TUMS School of Nursing and Midwifery and the Society of Cardiovascular Nursing by the members of the department at the national level. In the near future, students will be admitted to the Master’s program of Pediatric Intensive Care and Emergency Nursing.

Department of Mother and Child Health
The Department of Mother and Child Health started its activities in 1997. In addition to the teaching of theoretical courses, access to advanced hospitals, rural and urban health centers, health network, and health houses has contributed to the formation of an appropriate atmosphere for the clinical training of students. Clinical training in this department is accomplished in health and medical fields with the highlighted presence of academic staff members and in hospitals and specialized fields of the experts.

Besides training Bachelor’s students, the department trains Master’s students in maternal and child health and community health. The department is also in charge of training and educating international students in addition to Iranian students. All courses (theoretical, applied and internship) may be taught both in Persian and in English, if needed.
A summary of the courses offered in the Department of Mother and Child Health:

• Mother and Child Health, Family Planning (theoretical and internship)
• Health Principles and Services
• Infants (theoretical and internship)
• Children (theoretical and internship)
• Exceptional Children (theoretical and internship)
• Community Health 1, 2 and 3
• Reproductive Health

Department of Midwifery

The Department of Midwifery started its activities in 1986 in the School of Nursing and Midwifery. Educational activities include the establishment of counseling in midwifery, the establishment of a Ph.D. program in community-based midwifery, establishing journal clubs, guiding and counseling students, holding seminars, workshops, and congresses through continual national education, publication of scientific books and papers by the academic staff, and the teaching of theoretical and clinical courses as well as implementing innovation in education.

Research activities include publication of books and papers, adoption and implementation of research projects, partnership in research projects, and innovation and entrepreneurship in research. Executive- and service-related activities include clinical services include providing midwifery services, developing a tool for clinical evaluation, providing partograph chart in the delivery room, increasing the facilities of clinical skills center and its future equipment, the compilation of the booklet of clinical skills for undergraduate students of midwifery. Scientific services include holding workshops, seminars and festivals. Educational counseling services include personal educational counseling and dissertation guidance.

B.Sc. Program Course Summary

• Symptomatology and Physical Examination (2 Credits)
• Psychiatric Midwifery (1 Credit)
• Pregnancy and Childbirth Internship, Related Care and Delivery at Home (8 Credits)
• Women’s Diseases and Emergencies Internship (2 Credits)
• Women’s Diseases and Infertility (3 Credits)
• Sexual Dysfunction, Related Education and Counseling (1 Credit)
• Women’s Diseases Internship (2 Credits)
• Pregnancy, Childbirth, and Related Care 1, 2, 3, & 4 (10 Credits)
• Pregnancy and Childbirth Internship and Related Care 1, 2 & 3 (5 Credits)

M.Sc. Program Course Summary

• Research Methods (2 Credits)
• Methods and Techniques for Teaching and Training (2 Credits)
• Planning and Designing Curriculum and Evaluating Educational Systems (2 Credits)
• Advice and Guidance on Midwifery and Reproductive Health (2 Credits)
• Research Seminar (2 Credits)
• Pregnancy, Childbirth, and New Phenomena in Midwifery 1 (2 Credits)
• Pregnancy and Childbirth Internship and New Phenomena in Midwifery (1 Credit)
• Pregnancy, Childbirth, and New Phenomena in Midwifery 2 (4 Credits)
• Women’s Diseases and Infertility (3 Credits)
• Dissertation (6 Credits)
Department of Geriatric Nursing
The Department of Geriatric Nursing started its activities in 2012 in the School of Nursing and Midwifery. The aims of this department that operates in care, education, and research fields are as follows:

• Achieving maximum operational performance and individual merit of elderly patients and their families;
• Ensuring the provision of elderly patients’ and their families’ special needs;
• Improving the elderly patients’ and their families’ compatibility with life’s changes (due to aging and probable disabilities); and,
• Maintaining the elderly patients’ social function and participation in the society.

In order to improve the quality of education, care and research, the department cooperates with academic staff of the Departments of Basic Sciences, Psychiatric Nursing, Health, and Nursing Management. Also, in order to empower students of geriatric nursing in clinical courses, the department uses TUMS hospitals, Kahrizak Charity Foundation, Iran Alzheimer’s Association, private nursing homes, as well as neighborhood councils for teaching applied and internship courses and conducting research.

Course credits for Master’s students of geriatric nursing amount to 32 and include:

• Basic and main courses, 7 credits including nursing ethics and professional relations, theories, nursing patterns and their application, clinical nursing management, teaching methods, and educational planning
• Specialized courses including epidemiology of geriatrics, study of the elderly health, geriatric pharmacology of complementary products, healthy and active agedness, geriatric nursing 1 (physical and functional disorders and diseases), geriatric nursing 2 (mental status and psychological disorders and diseases), geriatric nursing 3 (social problems and issues), elderly-specific care structures and systems
• Thesis, 4 credits
Department of Psychiatric Nursing
The Department of Psychiatric Nursing of TUMS School of Nursing and Midwifery started its activities with four academic staff members in 1986. The department teaches students at Bachelor’s, Master’s and Doctoral levels. Highly qualified academic staff, together with the theoretical teaching of courses and access to hospitals and psychiatric wards, have established a suitable atmosphere for the clinical education of students.

All academic staff members of the Department of Psychiatric Nursing are active in theoretical and clinical teaching and teach at the three levels, transferring their valuable scientific experiences to the students.

A summary of courses offered at the Department of Psychiatric Nursing is as follows:

Bachelor’s Level
• Individual and Social Psychology
• Psychology in Midwifery
• Diseases and Nursing in Mental Disorders 1
• Diseases and Nursing in Mental Disorders 2
• Ethics in Nursing

Master’s Level
• Individual Therapy
• Family Therapy
• Group Therapy
• Psychiatry and Psychiatric Nursing in Children and Adolescents
• Curriculum Design and Planning

Doctoral Level
• Challenges in Nursing
• New Teaching Methods
• Research Methods at the Doctoral Level

Research Interests
• Life Skills
• Addiction and Drug Abuse
• Counseling
• Mental Health
• Reproductive Health
• Complementary Medicine

• Teaching Education
• Nursing Seminar
• Psychological Problems of the Elderly
• Psychological Problems in Nursing
Department of Community Health Nursing
This department includes community, maternal and newborn health. The clinical education is done in the urban and rural health centers associated with Tehran University of Medical Sciences. Maternal and neonatal internship courses are conducted in women’s specialized hospitals. The total number of credits includes 42 theoretical and 62 applied credits. It is noteworthy that health education in the society based on the three levels of prevention is a main goal of this program.

A summary of courses offered at this department are as follows:
• Research Methods
• Community Health Nursing 1, 2 & 3 (Master’s level)
• Seminar in Nursing Issues
• Theory and its Application in Nursing
• Advanced Statistics
• Epidemiology (B.Sc., M.Sc., and Ph.D.)
• Curriculum Design and Planning
• Medical Information Systems
• Methods and Techniques of Teaching
• Assessment and Measurement
• Teaching Practice
• Challenges in Nursing Discipline (Ph.D.)
• A New Approach to Education (Ph.D.)
• Master’s Thesis and Ph.D. Dissertation

Department of NICU
The Department of Neonatal Intensive Care Nursing started its activities in 2010. Apart from teaching theoretical courses, access to advanced hospitals and neonatal intensive care units has provided a very suitable atmosphere for the clinical education of students. The educational approach of the department is interdisciplinary so that the academic staff members of TUMS School of Nursing and Midwifery, together with the academic staff members of TUMS School of Medicine, and with the presence of experienced nurses and trainers, can transfer their valuable experiences to students. The department is in charge of teaching international students, too. All courses (theoretical, applied and internship) taught to the international students are in English.

A summary of courses offered at the Department of Neonatal Intensive Care Nursing are as follows:
• An Introduction to Neonatal Intensive Care Nursing
• Theories and Advanced Concepts of Neonatal Nursing
• Management Principles and Theories of Leadership
• Principles of Neonatal Nursing Care (Levels 1 & 2)
• Principles of Neonatal Nursing Advanced Care (Levels 1 & 2)
• Neonatal Clinical Pharmacology
• Neonatal Pathophysiology
• Neonatal Anatomy and Physiology
• Statistics and Research Methods
• Information Technology
Department of Intensive Care Nursing (Adult)
The Department of Intensive Care Nursing (Adult) is in charge of teaching Bachelor’s level courses of nursing students and nurse training at Master’s level of intensive care nursing. Teaching students is theoretically done at the school and clinically at medical centers associated with TUMS. The course credits offered to Master’s students amount to 32 and are as follows:
• Basic courses, 9 credits
• Specialized and internship courses, 19 credits
• Dissertation, 4 credits

In addition to the above-mentioned courses, compensatory courses which students have to take are as follows:
• Computer and Medical Information Systems, 1 credit
• Statistics and Advanced Research Methods, 3 credits

The following is the list of basic, specialized and internship courses:
• An Introduction to Intensive Care Nursing
• Nursing Care at ICUs
• Advanced Nursing Monitoring
• Pharmacology
• General Issues in Organ Transplantation Nursing
• Specialized Intensive Care Nursing 1 (Respiratory System)
• Specialized Intensive Care Nursing 2 (Cardiovascular System - Cardiovascular & Thoracic Surgery)
• Specialized Intensive Care Nursing 3 (Nervous System - Neurosurgery & Psychological Disorders)
• Specialized Intensive Care Nursing 4 (Renal System & Urinary Tract - Kidneys & Urinary Tract Surgery)
• Specialized Intensive Care Nursing 5 (Endocrine System - Diseases of Obstetrics & Gynecology)
• Specialized Intensive Care Nursing 6 (Gastrointestinal System - Abdominal & Pelvic Surgery)
• Specialized Intensive Care Nursing 7 (Oncology & Blood - The Immune System & Infectious Diseases)
• Specialized Intensive Care Nursing 8 (General Principles in Surgical Patients - Intensive Care of Traumatic Injuries)
• Specialized Intensive Care Nursing 9 (Vascular Surgery - Orthopedic)

The process of evaluating and approving students’ Master’s proposals is done in the department’s Research Committee. The Department of Intensive Care Nursing (Adult) cooperates with other nursing schools in Tehran and other cities in research and education.
Department of Medical-Surgical Nursing
The Department of Medical-Surgical Nursing admits students at Bachelor’s, Master’s and Doctoral levels. At the Bachelor’s level, students take 30 theoretical credits, 10 internship credits and 8 field credits. The department’s curriculum includes the following courses:
• History and Evolution of Nursing
• Medical-Surgical Nursing 1 to 4
• Nursing in Crises
• Emergency Nursing
• Health Assessment
• Nursing Mothers and Infants 1 & 2
• Patient Education

The aim of the Master’s program is to train expert and professional nurses who can work in private and public sectors of the healthcare system. Courses offered at the Master’s level include:
• Medical-Surgical Nursing 1 to 3
• Research Methods
• Seminar and Project
• Medical Information Systems
• Teaching Education
• Seminar on Nursing Issues

The aim of the Ph.D. program is to train research-oriented nurses who can contribute to the development of this profession through research. Courses offered at the doctoral level include:
• Concepts and Theories in Nursing
• Educational Measurement and Evaluation
• Research in Nursing; Methodology and Workshops
• Quantitative and Qualitative Techniques of Critical Essays

Department of Reproductive Health, Pregnancy, and Childbirth
The Department of Reproductive Health, Pregnancy and Childbirth started its activities in 1986 and has since admitted students at Bachelor’s and Master’s levels in midwifery education and maternal and child health orientations. The department admits students for the doctoral level of reproductive health and, since 2010, has added three new orientations (management, forensics midwifery, and community-based midwifery) to its Master’s level orientations.

In addition to the theoretical education, students receive clinical education at hospitals associated with Tehran University of Medical Sciences. Faculty members from TUMS Schools of Medicine, Public Health, and Social Sciences may also be invited to teach some of the courses at any level.

A summary of courses offered in the Department of Reproductive Health, Pregnancy and Childbirth is as follows:
• Physiopathology (1 to 3)
• Research Methods
• Research Seminar
• Teaching Methods
• Principles of Educational Evaluation
• Counseling and Guidance
• Physiology and Anatomy
• Basic and Advanced Statistics
• Women’s Pathology
• Management of Midwifery Services

Apart from teaching theoretical and clinical courses, academic staff members of the department are responsible for supervising and advising students for their dissertations and theses at Master’s and Doctoral levels.
Department of Nursing Management
This department started its activities in 1985. The first Master’s program in this department was held in 1989. Consistent with the establishment of new majors at Master’s level at TUMS School of Nursing and Midwifery, including NICU and Geriatric Nursing, the teaching of management courses for these majors is done at this department.

The operational programs of the department are aimed at empowering nursing students for performing management roles (at Bachelor’s level) and management and educational roles (at Master’s level). These programs are accomplished relying on programming, problem-solving, decision-making and creative thinking skills so that the students can be useful as qualified and competent instructors or managers in improving individual, family and social health. This requires disambiguating and troubleshooting theoretical and internship curricula based on the results of polls, improving the knowledge of academic staff members with the help of the most updated scientific achievements, informing them of the latest facilities, and coordinating the programming of internship between education and the clinic.

Courses offered at the Department of Nursing Management include:
- Principles of Nursing Services Management, 2 theoretical credits and 2 field internship credits (Bachelor’s level)
- Principles of Nursing Management, 2 theoretical credits (Master’s level).
- Leadership Practices, 2 theoretical credits and 1 applied credit (Master’s level).
- Principles of Nursing Management, 2 theoretical credits and 1 applied credit (Master’s level).
- Principles of Nursing Services Management, 2 theoretical credits and 1 applied credit (Master’s level).

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

In order to develop our international partnerships and projects, actively participate in international events, and enrich the learning and teaching environment, we are currently collaborating with:
- The World Health Organization (WHO)
- The Eastern Mediterranean Regional Office (EMRO)
- Karolinska University (research and educational collaboration)

There is also a running collaborative research project among Iran, Finland and Norway.

School’s Journals
School of Nursing and Midwifery publishes two scientific journals:
1. HAYAT, indexed by IRANMEDEX® SID, INDEX COPERNICUS, ISC, IMEMR, DOAJ, CINAHL, and SCOPUS.
2. Iran Journal of Nursing (IJN), indexed by CINAHL International Site, INDEX COPERNICUS, STDB, IRANMEDEX, ISC, IMEMR, SID, and Magiran.

School’s Research Centers
School of Nursing and Midwifery has two research centers:
- Nursing and Midwifery Care Research Center
- Research Centre for Nursing Care
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The Department of Nutrition and Biochemistry and the Department of Health Sciences and Nutrition of TUMS School of Public Health were merged to form the Graduate School of Nutritional Sciences and Dietetics in 2010, with three departments, namely, Community Nutrition, Clinical Nutrition, and Cellular and Molecular Nutrition. This school has 23 full-time faculty members. It follows goals such as capacity building and professional training in various areas of nutrition and dietetics, expanding nutritional knowledge and culture, safeguarding national nutrition culture and its spiritual heritage, and providing a forum for scientific collaboration with individuals, as well as national and international governmental and non-governmental organizations.

It is the only school in Iran and in the region that covers nutrition areas of education, research, and training from “Cell to Society” at all three levels of disease prevention. It has highly trained faculties educated in Europe and the U.S. with 4 holding M.D. as well as Ph.D. degrees and 19 Ph.D. holders. Its close collaboration with TUMS School of Public Health and TUMS School of Medicine provides vast fields of research and training for the students. Furthermore, a friendly environment for study and research is provided by the school.

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Fax: (+98 21) 88 62 27 07
P.O. Box: 14155-6117

TUMS School of Nutritional Sciences and Dietetics accepts international students in the following programs:

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<th>Department</th>
<th>Major</th>
<th>M.Sc.</th>
<th>M.S.P.H.*</th>
<th>Ph.D.</th>
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<td>Nutritional Sciences (Biochemistry)</td>
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Training Programs
• Nutritional Sciences
• Public Health in Nutrition

Research Activities
• Assessment of community nutritional status and the factors affecting it;
• Finding effective interventions, e.g. for prevention of obesity in schools, promotion of nutrition security in communities, etc.;
• Finding new methodologies for assessing food/nutrition security; and,
• Collaboration with the Ministry of Health and Medical Education in conducting national nutrition surveys, e.g. micronutrients surveys.
Department of Cellular and Molecular Nutrition
Cellular and Molecular Nutrition is a section of nutritional sciences that is concerned with the application of life science of omics, bioinformatics, and nutrigenomics in humans, and has emerged as the new frontier for nutrition sciences.

This branch of nutrition sciences focuses on the relation between human nutrition and environment at the level of cellular, molecular and gene expression.

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Department of Community Nutrition
Community Nutrition is a branch of nutritional sciences which focuses on studying the association between food, nutrition and the nutritional needs in different age or gender groups. Its approach is community-based rather than individual. The main emphasis in community nutrition is on nutrition and food security of populations and communities.

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P.O. Box: 14155-6117.
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Fax: (+98 21) 88 62 27 07
When University of Tehran was established in 1934, the pharmacy program was managed by the School of Medicine. At that time, the pharmacy program lasted 3 years and required a high school diploma. Since 1939, the duration of education has changed to 4 years and a Pharm.D. degree has been approved to be granted to the graduates. In 1956, the pharmacy program was separated from medicine and a 5-year education was established in the School of Pharmacy.

Before 1978, pharmacy education was limited to undergraduate courses but since 1986, Ph.D. courses in ten disciplines including medicinal chemistry, pharmaceutics, toxicology and pharmacology, pharmacognosy, pharmaceutical biotechnology, food and drugs control, radiopharmacy, drug economy and management, clinical pharmacy, pharmaceutical nanotechnology, and pharamceutical biomaterial have been established.

At the present, TUMS School of Pharmacy, with about 160 academic members and staff (full professors, associate professors, assistant professors, lecturers and technicians) and 1200 students, is one of the most dynamic and well-equipped instructional and research academic centers in Iran.

At the undergraduate level, TUMS School of Pharmacy accepts international students in Pharm.D. (Doctor of Pharmacy). In addition, international students are accepted at postgraduate level in the following programs:

<table>
<thead>
<tr>
<th>Department</th>
<th>M.Sc.</th>
<th>Ph.D.</th>
<th>Specialty</th>
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<tbody>
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<tr>
<td>Pharmacoeconomics and Pharmacy</td>
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<td>Medicinal Chemistry</td>
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<tr>
<td>Drug Regulation</td>
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</table>

Medical Electives (Clinical Rotations/Internships)

- Visiting pharmacy and medical student clerkships in Intensive Care Medicine at Sina Hospital, Division of Critical Care Medicine and Critical Pharmacy Services
TUMS School of Pharmacy is one of the first centers that has established Department of Pharmacoeconomics and Pharmaceutical Management for training interested students. We hope this move is efficient for optimum resource management in our country.

The department of Pharmacoeconomics and Pharmaceutical Management was established in 2008 to promote science of management, economy and policy making in different aspects of pharmacy based on research and academic education. This department is devoted to do empirical research and methodological developments in the field of pharmacoeconomics and pharmaceutical management and health policy. Our research focus is on economic evaluation, health technology assessment, epidemiological research, pharmacy practice innovations in hospitals and health systems, disseminating clinical information, econometrics, management, and policy interventions. This department aims to train Ph.D. candidates in pharmacoeconomics and pharmaceutical management which is currently the highest degree of this field.

Mission
- Application of economic & management sciences in pharmacy education, research, training and policy making
- Enhancing knowledge of pharmacists in the fields of economic and management sciences
- Leading and supervising research in the fields of pharmacoeconomics and pharmaceutical management and policy
- Expanding knowledge and expertise in pharmacoeconomics and pharmaceutical management

Vision
The Department of Pharmacoeconomics and Pharmaceutical Management aims to raise and maintain the position of Tehran University of Medical Sciences in the academic circles, both domestically and internationally, in applied fields of pharmacoeconomics and pharmaceutical management.

We try to provide an environment where researchers, health care practitioners, and decision-makers interested in pharmacoeconomics and outcomes research, can share knowledge.

Department of Clinical Pharmacy
The Department of Clinical Pharmacy was established in 1984 and is the pioneer of clinical pharmacy and pharmacy practice in Iran with over 15 full-time academic and professional staff.

The department is involved in four principal areas: teaching in the undergraduate pharmacy curriculum, postgraduate residency of clinical pharmacy, clinical research, and practice of clinical pharmacy.

The Department of Clinical Pharmacy administers a residency program for Pharm.D. graduates which leads to a specialized degree in Clinical Pharmacy (Pharmacotherapy). It also provides therapeutic courses for Pharm.D. students.

This department provides patient care in various practice settings and promotes the effective use of medications in the pursuit of health. The residency program is designed to be completed by full-time rotations in 5 years.

Mission
With the changing role of pharmacists, the Department of Clinical Pharmacy is committed to exemplary teaching, practice-related research, and practice of pharmacotherapy.
Vision
This department is an eminent center for clinical pharmacy research, teaching and service to improve the health of individuals and the well-being of the society.

We aim to provide evidence-based care that optimizes use of medication across all health care settings; optimize health outcomes through partnerships with patients, caregivers, health care professionals, and policy makers; ensure safe and effective therapy through secure and reliable medication prescription, and supply and delivery systems; generate and disseminate knowledge to advance patient care, medication safety, disease prevention and treatment, health care cost-effectiveness and quality, and pharmacy education; and apply new knowledge to develop, evaluate and disseminate innovative health care delivery models, pharmacy education models, and health policy.

Course Outline
For Clinical Pharmacy Residency:

**Postgraduate Year 1 Residency**: Advance Therapeutics, Clinical Pharmacokinetics, and Pathophysiology.

**Postgraduate Year 2-4**: Specialized Residency in Critical Care, Infectious Diseases, Nephrology, Cardiology, Pediatrics, Oncology, Endocrinology, Drug Information Center, Psychiatry, Surgery and Transplantation.

**Postgraduate Year 5**: Practice Related Research (Residency Thesis)

For undergraduate pharmacy students, the Department is involved in teaching therapeutics and pharmacy practice. The latter involves small group teaching and clinical case studies in clinical setting.
**Department of Radiopharmacy**

With increasing use of radiopharmaceuticals in diagnosis, therapy and research and in order to fulfill national demands for expertise in this field, Department of Medicinal Chemistry, with contributions of Iran Atomic Energy Organization, established the Ph.D. program in radiopharmacy in 1995. The program was revised in 2002, and since 2009, is offered by an independent Department called Radiopharmacy. Most graduates of this program have been working in national universities and Nuclear Science and Technology Research Institute of Iran Atomic Energy Organization and are well-known, nationally and internationally, for development of radiopharmaceuticals and research achievements. Radioisotopes in different physical and chemical forms other than being used as radiation sources for therapy have tremendous applications as tracers for diagnosis in nuclear medicine as well as in drug discovery and drug development. The Department of Radiopharmacy, in cooperation with Nuclear Science and Technology Research Institute of Iran Atomic Energy Organization, has established the Ph.D. program in radiopharmacy to provide graduate education and research for development and safe use of radiopharmaceuticals. The graduates of this program have had great contribution to self-sufficiency of the country for most radiopharmaceuticals, fulfilled national universities and research institutions demands to scholars and expertise in this field, and results of their investigations have been granted as patents and published in numerous highly cited articles. The aim of this department is to enhance the development of graduate students as the next generation of scholars in this field through promotion of the quality in both education and research.

**Mission**

The main mission of the Department of Radiopharmacy is to offer internationally recognized and high quality education and research that fulfills the national demands for future scholars and experts in this field. The program offer individuals the scientific knowledge and skills in design, preparation, formulation and quality control of gamma and positron emitting radiopharmaceuticals for use in research and future clinical applications in nuclear medicine. The department is actively engaged in the development of radiolabelled monoclonal antibodies, radiosensitizing agents, and contrast media for MRI, nanoradiopharmacy, and molecular imaging.

**Vision**

We aim to be recognized nationally and internationally for education and research in the development and safe use of novel radiopharmaceuticals.

**Department of Medicinal Chemistry**

The Department of Medicinal Chemistry is one the oldest departments in TUMS School of Pharmacy which was established in 1963. The main mission of this department is to create new knowledge for the discovery and development of new pharmaceutical drugs. Since twenty years ago, the mission was developed to conduct basic research in chemistry and biological chemistry, as it is related to drug discovery, teaching these principles in the professional and graduate programs, and providing services to the scientific community. The scope of this field is sufficiently broad to give students with many different science backgrounds a rewarding and challenging program of study. Areas of active interest include drug discovery, organic synthesis of medicinal agents, natural product chemistry, prodrugs, molecular modeling, and pharmaceutical analysis.
There is a broad range of research projects that introduce new analytical methods for determination of drugs in pharmaceutical dosage forms and biological fluids.

Current major research programs are:

- Discovery and validation of new anti-cancer, anti-inflammatory, antibiotic, anti-Alzheimer and anti-hypertension drugs;
- Computational modeling and simulation of biomolecular structures, dynamics and interactions;
- Isolation and identification of natural products;
- Application of Mass, NMR and other spectrophotometry techniques to the elucidation of natural products and small molecular structures;
- Synthesis and evaluation of novel biopolymers for site-targeted drug delivery;
- Synthesis of new chromogenic and fluorogenic markers for analysis of elements and drugs; and,
- Development of new analytical methods for determination and identification of chemical compounds and drugs in different matrix.

At the moment, the department includes 13 faculty members, six full professors, five associate professors, and two assistant professors. Other staff include several organic and analytical chemists with M.Sc. and B.Sc. degrees who work in different laboratories of the department.
Department of Pharmacology & Toxicology
Pharmacology and Toxicology are integrative and interdisciplinary sciences that investigate the actions of all chemical or non-chemical agents on the living systems and help to develop drugs for human diseases. All endogenous molecules such as hormones or neurotransmitters, materials in the environment, as well as synthetic and naturally derived compounds, are subject to test for pharmacological and toxicological effects. Specialists in the field of pharmacology and toxicology have an exceptionally broad perspective and background to investigate virtually every organ system from the molecules and cells to tissue, organ, and whole animal levels, especially in disease models. We welcome young talented students to join us and study in various aspects of the science of pharmacology and toxicology.

The main focus of this department is research and education. The academic members of this department place a high priority on teaching and research training of students at M.Sc., Pharm.D., Ph.D. and Post-Doc levels. Close working relationships between individual students and their academic mentors, providing research opportunities, and special programs based on students’ needs are followed in the department. Doctoral and postdoctoral graduates of our program gain employment in research and teaching positions at universities, and engage in research and development in the scientific pharmaceutical institutes or industries.

Mission
• To provide advanced as well as basic educational training in toxicology and pharmacology;
• To direct and carry out basic and applied research in various branches of toxicology;
• To provide facilities and a suitable environment to attract young and talented researchers to basic and applied research projects in pharmacology and toxicology;
• To provide opportunities for talented students to participate in graduate and postgraduate educational programs in the field of pharmacology and toxicology; and,
• To encourage the partnership of home and international students in the department’s research interests.

Vision
The objective of the Department of Pharmacology and Toxicology is to raise and maintain the standing of Tehran University of Medical Sciences in the academic circles, both domestically and internationally, in terms of basic, clinical, as well as applied fields in toxicology and pharmacology.

Department of Pharmacognosy
The Department of Pharmacognosy in TUMS School of Pharmacy was established in 1961. Its background refers to the traditional history of more than ten centuries and has produced more than 50 outstanding and talented Ph.D. graduates in pharmacognosy.

Pharmacognosy is the science of bioactive natural substances found in plants, animals, microbes and minerals. Researchers in this field investigate natural compounds, new therapeutic agents and also medicinal plants that include the subjects of botany, chemistry, and pharmacology.

All undergraduate students are required to pass 16 core and noncore credits in the Department of Pharmacognosy. Training Ph.D. students in this field began in 1986. Ph.D. students are required to pass about 20 theoretical-practical core credits and 16 noncore credits and about 20 credits of thesis. They have active participation in research projects. Educational and research centers, industries and related organizations need to have experts in this field.
Our graduate program is dedicated to the training of outstanding scientists in the natural product sciences and aims to contribute to the multidisciplinary drug research and development from natural products, using the rich flora of Iran. Currently, the department has a complement of 8 faculty members including 5 professors, 2 associate professors and 1 assistant professors and also 4 laboratory staff. The teaching and research facilities in the department include standard laboratories with relevant equipment supports in addition to other useful items accessible to the department from other university units. There is a herbarium, housed in the department, for medicinal plant authentication and conservation and a botanical garden that functions as an educational display of medicinal herbs. Our department has a great diversity of research areas available to trainees including photochemistry, bio-assay, clinical study, pharmacoeconomy, taxonomy, etc.

Our devoted faculty members try to provide a sociable place for every interested person in natural products, and we wish you have a productive and enjoyable experience with us.

This department is located in the central campus and includes classroom buildings, education research laboratories, a herbarium and a herboratum. There are 4 laboratories with great facilities, and there is a herbarium with international code (TEH) to keep numerous medicinal species. The students can attend various retraining courses and workshops during the semester. Also close cooperation among all students, staff and members of the Department can be obviously felt in all parts of education.

Mission & Vision
Members of this department conduct research in different fields of natural products. The mission of this department is to train students according to the high quality education and latest scientific information. The objectives of this department are as follows:

- Teaching natural products to have qualified pharmacist;
- Preparing Ph.D. students to be successful researchers, university members and executive agents in the Ministry of Health and Medical Education;
- Doing research on extraction, isolation and purification of natural compounds and optimization of all related procedures;
- Doing research for discovering above compounds from natural sources for treatment of special diseases like AIDS, cancer, malaria, etc.;
- Defining quality control methods for assurance of making standard products with desirable safety and efficacy;
- Biological assay of natural products;
- Economic studies about the herbal medicine industry;
- Management and industrial policy in herbal medicine; and,
- Designing the processes to produce herbal and natural medicine.
Department of Pharmaceutical Biotechnology

The importance of biotechnology and biotechnology-based methods in medical therapies and diagnostics as well as in the discovery, development, and manufacture of pharmaceuticals is undeniable. Moreover, biotechnologically manufactured pharmaceuticals form a significant amount of the total pharmaceutical market at the moment. Therefore, TUMS School of Pharmacy, as the pioneer center in establishing the Department of Pharmaceutical Biotechnology, welcomes talented and self-motivated individuals who are interested in this field.

The Department of Pharmaceutical Biotechnology was founded in 1998. It has got some research laboratories in which several kinds of projects are performed, mainly in the development of recombinant proteins, enzyme technology, gene cloning, and nanobiotechnology. The department has teaching and research programs which encompass various basic and applied aspects of modern biotechnology. Currently, the department’s faculty members are enrolled in teaching of five credits in Pharm.D. program and about 20 credits of Ph.D. courses. In the past fifteen years, more than 250 academic papers have been published in international journals. We have also assumed and completed more than 100 research projects, published 6 specialty books and won 4 prizes from academic festivals at Tehran University of Medical Sciences. The department has also been successful in manufacturing three pharmaceutical proteins and some laboratory test kits.

Currently, the department has 5 faculty members, about 10 undergraduate and 9 postgraduate students and 4 associated staff. The department also has four laboratories: Enzyme Technology, Genetic Engineering, Recombinant Protein and Cell Culture. Research interests of the department are nanobiotechnology, cancer research, enzyme technology, biocatalysts, biomarker research, genetic engineering and recombinant protein production.

Mission
- To include the interdisciplinary field of biotechnology in the pharmacy education and research;
- To supply a steady stream of highly competent pharmaceutical biotechnology graduates required for the country; and,
- To contribute to generating new knowledge and expertise in the field of pharmaceutical biotechnology.

Vision
The objective of the department is to provide academic training and conduct research in the interdisciplinary areas of biotechnology with a particular emphasis on extending the knowledge generated from these studies towards the development of products and technologies of commercial significance.
Department of Pharmaceutics

The Department of Pharmaceutics, considered as the oldest and largest Department in TUMS School of Pharmacy, was developed at the beginning of the foundation of this school as the Department of Manufacturing and Application of Medicine, and it was renamed to Department of Industrial Pharmacy and further to Department of Pharmaceutics in recent years. In addition to educational activities, this department has been considered as the first pharmaceutical manufacturing factory in Iran as the Pharmaceutical Incubator located in North Kargar Avenue. Historically, the Pharmaceutical Incubator was pioneer in formulation, manufacturing and supplying of all required dosage forms in the hospitals of Tehran University of Medical Sciences, and this promotion was continued during the imposed war between Iran and Iraq for supplying medicine.

Till now, several departments including the Department of Clinical Pharmacy, the Department of Food and Drug Control, the Department of Nanotechnology and Biomaterials and also the Department of Biopharmacy and Pharmacometrics were derived from the Department of Pharmaceutics.

General Goals
• Training pharmacists, pharmaceutical scientists and nuclear pharmacists;
• Elimination of the country’s needs by research in pharmaceutics and nuclear pharmacy fields;
• Promotion of the level of university in the field of pharmaceutics and nuclear pharmacy;
• Spreading the frontiers of knowledge in the field of pharmaceutics and nuclear pharmacy fields; and,
• Strengthening the link between university and industry for development of science and technology.

Mission
• Training pharmacists, pharmaceutical scientists and nuclear pharmacists for scientific, pharmaceutical, medicinal, industrial and management centers of the country;
• Guidance and carrying out of basic and functional research in pharmaceutical fields and nuclear pharmacy towards the development of pharmaceutical technology for promotion of society’s health economic progress of the country;
• Establishing suitable facilities and environment for attracting young and outstanding researchers in the course of functional and basic research and development of technology;
• Administration of pertinent conferences and scientific promotion of researchers at national and international levels; and,
• Having collaboration in research in pharmaceutics and nuclear pharmacy with hospitals, industries and the private sector.

Vision
• Training pharmacists, pharmaceutical scientists and nuclear pharmacists;
• Promotion of their roles at an international level;
• Carrying out basic and functional research for elimination of the needs of our country and other countries in the world; and,
• Production and transfer of knowledge in pharmaceutics and nuclear pharmacy.
Department of Food and Drug Analysis
The Department of Food Chemistry and Medical Hydrology separated from the Department of Toxicology in 2002, and began to work as an independent department as the Department of Food and Drug Analysis in 2004, at TUMS School of Pharmacy.

Now, there are 6 special labs with appropriate facilities to do scientific-applied research in the context of microbiology, microbial control of pharmaceutical and food products, hydrology, physicochemical control of pharmaceutical products, analysis and control of foods, probiotic research and control of biologic products. Also, there is an education lab to present the practical courses related to this field.

There are 9 full time faculty members in educational and research fields. In recent years, the activities of faculty members include: implementation of more than 60 research projects, publication of more than 200 research articles in domestic and foreign journals, supervision of about 200 M.Sc., Pharm.D., and Ph.D. theses and dissertations, and participation at both national and international congresses.

School’s Research Centers
Medicinal Plants Research Center
The Medicinal Plants Research Center is an organization which especially works in the field of plant examination to pursue the following goals:
• Development and application of pharmaceutical sciences, pharmacognosy, traditional medicine, complementary medicine and relative sciences;
• Performing basic research on medicinal plants in order to respond to the needs of the community;
• Collecting, organizing and classifying documents and papers related to medicinal plants and traditional medicine, and publishing them in various forms such as books and papers;
• Plant collection from different parts of Iran and the study of plant distribution in the country;
• Collection and identification of medicinal plants and providing herbarium specimens;
• Investigation of genetic structures of plants and plant tissue cultures;
• Extraction, purification, and identification of active compounds of medicinal plants;
• Investigation of biological, toxicological, and pharmacological effects of medicinal plants and their active compounds;
• Investigation and study of traditional medicine and indigenous medicine;
• Standard assay of herbal medicines using qualitative and quantitative methods; and,
• Conduction of research projects in the field of herbal medicinal products and new formulations of effective drugs with fewer side effects.

Medical Biomaterials Research Center (MBRC)
During the last thirty years, there has been a significant progress in education and research in the field of biomaterials. The field of biomaterials consists of various areas such as polymers, ceramics, metals, composites, etc., for which many universities around the globe have established new departments or research centers. Due to the importance of this field, some of our professors and researchers, from TUMS Schools of Pharmacy, Medicine, Dentistry, Biophysics & Biochemistry, and Veterinary, established a Biomaterials Research Center (BRC) in 2006.
Since biomaterials science is expanding dramatically in the field of medicine and pharmacy, Professor Ismaeil Haririan established, for the first time, a new Ph.D. course in Pharmaceutical Biomaterials in 2011. Many students have shown their interest in this Ph.D. program. As such, besides Tehran University of Medical sciences, Tabriz University of Medical Sciences and Zanjan University of Medical Sciences started to admit Ph.D. students in this new field, that is Pharmaceutical Biomaterials.

Following the start of this Ph.D. course, a new Medical Biomaterials Center (MBRC) was established in 2013 in the Biomaterials Research Laboratory of the School of Pharmacy.

Research graduates from the biomaterials field will be involved in education, research, executive and consultative activities of universities, pharmaceutical industries, cosmetic industries, and health care industries.
Nanotechnology Research Center (NRC)
The Nanotechnology Research Center (NRC) at Tehran University of Medical Sciences was founded in 2005, aiming to develop fundamental research and make efforts to meet the needs of the Iranian medical society in the field of medical nanotechnology. The center intends to employ specialized personnel as well as provide required facilities and equipment for research via establishing a laboratory network. The center focuses on experimental research and developments in the field of nano- and bio-technology. Its main objective is to support the fundamental research in relation to the priorities of NRC. Using nanotechnology for diagnosis and treatment of cancer, preparation of drug delivery systems by using nanotechnology, and the study of the nanostructures with medical application are three main priorities of research in this center. The NRC brings together faculty members and students from TUMS Schools of Pharmacy, Medicine, Public Health, Dentistry, and the School of Engineering. The center enjoys financial support from the Ministry of Health and Medical Education Fund. It has organized several workshops, published 170 papers in international journals and supported more than 35 research projects and dissertations in the field of medical nanotechnology.

Pharmaceutical Science Research Center (PSRC)
PSRC at Tehran University of Medical Sciences was established in mid-2003. PSRC tries to increase interest in research among students, recruit and support researchers at all academic levels, conduct both theoretical and applied (practical) research in different fields of pharmaceutical sciences, and promote research methods and training. The center’s present activity is mainly focused on research in different fields of pharmaceutical sciences, but the center is going to establish related departments.

School’s Journal
DARU Journal of Pharmaceutical Sciences is an open access, peer-reviewed journal. It encompasses all fields of sciences related to pharmacy and drugs.

The word DARU is derived from the Persian name for drug and the journal aims to act as a platform for all areas of drug conception, design, manufacture, classification and assessment.

As an international journal, DARU Journal of Pharmaceutical Sciences considers outstanding studies from basic research to clinical investigations as original articles, systematic reviews, meta-analyses, general reviews, mini-reviews, short communications, and editorials from the global scientific community. Therefore, the journal welcomes submissions from all over the world.
TUMS School of Public Health and the Institute of Public Health Research are the oldest and largest centers of health studies in Iran, being the first in the country to train specialists in a wide variety of disciplines since 1966. Since then, this school, together with the Institute of Public Health Research, have been carrying out educational and research programs, with the aim of developing specialized manpower in the field of public health and also eliminating health difficulties, especially environmental health problems. What follows are detailed research and educational programs, currently offered at all departments of TUMS School of Public Health.

We hope to be able to initiate collaboration with other departments, and research and educational centers across the country and the world. We believe that it is through the exchange of ideas and mutual collaboration that the roots of science and engineering are nourished and strengthened, and the welfare of humankind is improved. Consequently, we sincerely wish to emphasize our willingness and readiness to participate in the exchange of scientists and students, as well as in joint and collaborative research programs with other educational and research centers.

Scientists in universities around the world and Iran are alumni of TUMS School of Public Health. Faculty members of this school have close relations and cooperation with world organizations such as W.H.O. Some are also appointed as consultants in this organization. Students are studying in 16 programs in postgraduate levels (M.Sc. and Ph.D.). This school publishes 9 journals, four of which have ISI index.

The establishment of TUMS School of Public Health initiated with the Institute of Parasitology.
TUMS School of Public Health accepts international students in the following programs:

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<thead>
<tr>
<th>Department</th>
<th>Majors</th>
<th>M.Sc.</th>
<th>Ph.D.</th>
<th>M.P.H.</th>
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Training Programs
• Bacteriology
• Biostatistics
• Disaster in Emergency
• Environmental Health Engineering
• Epidemiology
• Ergonomics
• Health & Food Safety
• Health Economics
• Health Education
• Health Management
• Health Policy
• Health Technology Assessment
• Immunology
• Medical Entomology and Vector Control
• Microbiology of Food
• Mycology
• Occupational Health
• Parasitology
• Virology

School’s Journals
• Iranian Journal of Public Health
• Iranian Journal of Environmental Health Sciences
• Iranian Journal of Parasitology
• Iranian Journal of Arthropod-Born Diseases
• Journal of School of Public Health and Institute of Public Health Research
• International Journal of Occupational Hygiene
• Iranian Journal of Health and Environment
• Iranian Journal of Epidemiology
• Journal of Iranian Scientific Hospital Association
• Iranian Journal of Occupational Health

School’s Research Centers
• Center for Community-Based Participatory Research
• Knowledge Utilization Research Center
• Center for Research of Endemic Parasites of Iran
• Center for Air Pollution Research
• Center for Water Quality Research
• Center for Solid Waste Research
• Food Microbiology Research Center
School of Rehabilitation

TUMS School of Rehabilitation, with a history of about 50 years, was founded in 1965. In the beginning, the first group of students officially started their education at the Department of Physiotherapy in the School of Medicine at Imam Khomeini Hospital. The department was established by the World Health Organization (W.H.O.), and, in 1990, it started working as the School of Rehabilitation.

The first four years of academic programs of the school were just limited to physiotherapy. Later, other fields of rehabilitation, such as audiology, occupational therapy and speech therapy, were added to the program.

During the 8-year imposed war (the 1st Persian Gulf War), a unique opportunity presented itself to rehabilitation specialists to face various kinds of patients who needed rehabilitation services; therefore, there was an urgent need for preparing relevant therapists. From that time, the school has led the way in preparing students with the knowledge, behavior and skills required to function within the diverse roles of the contemporary health care environment.

At present, TUMS School of Rehabilitation, which provides academic services in all fields of rehabilitation including audiology, physiotherapy, speech therapy and occupational therapy, is a nationally recognized leader in the education of allied health providers in Iran.

The school is well-known for developing high-quality professional programs in all rehabilitation-related fields, and, through academic training, comprehensive research, technology design, and rigorous clinical training necessary for rehabilitation health services, our graduates will become leaders in their specialized field and will be ready to deliver high-quality patient care.

Mohammad Akbari, Professor
Dean
Ph.D. in Anatomy
E-mail: akbari_mo@tums.ac.ir
Tel: (+98 21) 77 53 65 86
Fax: (+98 21) 77 53 4133

TUMS School of Rehabilitation accepts international students in the following programs:

<table>
<thead>
<tr>
<th>Department</th>
<th>Major</th>
<th>B.Sc.</th>
<th>M.Sc.</th>
<th>Ph.D.</th>
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<tbody>
<tr>
<td>Physiotherapy (Physical Therapy)</td>
<td>Physiotherapy (Physical Therapy)</td>
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<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>Sports Physiotherapy (Sports Physical Therapy)</td>
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<td>-</td>
</tr>
</tbody>
</table>

Training Programs
- Workshop of Assessment and Clinical Application of Head Impulse Test in Balance System Disorders
Department of Audiology
The Department of Audiology at TUMS School of Rehabilitation provides comprehensive services, such as diagnosis, prevention, and rehabilitative intervention, to patients ranging from newborns to the elderly who suffer from hearing (peripheral, central) and balance disorders.

At this department, we have been involved in clinical services and professional education and training for students. The department currently offers Bachelor’s, Master’s and Ph.D. degrees in audiological sciences and provides a dynamic and innovative environment for its students and staff, with many opportunities for discussions and research in balance and hearing sciences. We prepare our students for careers in public and private health care to provide accurate testing, diagnosis, and management of hearing and balance disorders for both adults and children.

Research Interests
• Physiology of Cochlea
• Auditory Efferent Nervous System
• Otoacoustic Emissions
• Auditory Electrophysiology (ERP, ERA)

Saeid Farahani
Head of Department
E-mail: s_farahani@tums.ac.ir
Department of Occupational Therapy
The Department of Occupational Therapy has special clinics in different specialties such as pediatrics and psycho-social and physical rehabilitation, with modern equipment and devices as well as equipped laboratories for splint-making, cognitive neuroscience, and standardized outcome measurement tools in the field of occupational therapy.

Faculty Members
Mehdi Abdolvahab, Ph.D.
Lecturer
Parvin Raji
Lecturer
Mahmood Jalili
Lecturer
Mahmood Mahmoodian
Lecturer

Department of Speech Therapy
The Department of Speech Therapy is responsible for teaching and research in speech/language pathology. We offer both undergraduate and postgraduate programs in speech therapy (speech/language pathology). The undergraduate program in speech therapy was established in 1974, and the postgraduate degrees, including Master’s and Ph.D., were established in 1994 and 2008, respectively.

This department also provides a vehicle for collaborative teaching and research with members of other departments and organizations in the fields of linguistics, phonology, psycholinguistics, anatomy and physiology, audiology, neurology, psychology, psychiatry, and ear, nose and throat (ENT).

Faculty Members
Zahra Soleymani
Lecturer
Seyed Ahmadreza Khatoonabadi
Lecturer
Azar Mehri
Lecturer
Seyyedeh Maryam Khoddami
Lecturer
Mohammadrahim Shahbodaghi
Lecturer

Department of Physical Therapy
Having played an important role in the development of TUMS and the school’s academic programs, the Department of Physical Therapy at TUMS School of Rehabilitation is one of the most important departments of this school. This department is the biggest department of physical therapy among all schools of rehabilitation in Iran. It offers a variety of programs:

- A four-year Bachelor’s program of Science in Physical Therapy
- Three post-graduate degree programs:
  - A two-year Master’s program in Physical Therapy
  - A two-year Master’s program in Sports Physical Therapy
  - A full-time four-year Ph.D. program in Physical Therapy
Faculty Members
Dr. Mohamad Reza Hadian
Professor
Dr. Gholamreza Olyaei
Professor
Dr. Behrouz Attarbashi Moghadam
Assistant Professor
Dr. Nastaran Ghotbi
Assistant Professor
Dr. Naser Salsabili
Associate Professor
Dr. Shohreh Jalaie
Assistant Professor
Dr. Sayed Javad Mousavi
Assistant Professor
Dr. Noureddin Nakhostin Ansari
Associate Professor
Dr. Nasrin Naseri
Associate Professor
Dr. Soofia Naghdi Dorabati
Associate Professor
Ebrahim Entezari
Lecturer
Shiva Mousavi
Lecturer
Zahra Fakhari
Lecturer

School's Journals

Audiology
Audiology is a scientific, double-blind, peer-reviewed journal of Tehran University of Medical Sciences. It is dedicated primarily to the topics relevant to audiology and allied medical sciences in Iran, which have been neglected or have received little attention in western medical literature. The journal particularly welcomes manuscripts which deal with audiology from geographic regions wherein problems regarding economical, social, ethnic and cultural parameters affecting clinical and/or basic science aspects of auditory and balance systems are taken into consideration. This journal is of primary interest to audiologists, otologists, speech therapists, neurologists, pediatricians, linguists and educators.

Audiology is credited by the State's Medical Science Journals Committee with the scientific-research status. Audiology publishes research articles, review articles, case-reports, and letters to the editor.

AVR
Auditory and Vestibular Research is the scientific, double-blind, peer-reviewed quarterly of this school. It is supported by the Iranian Association of Audiology. The aim of this journal is to provide clinicians and researchers with major clinical and basic science contributions in audiology. It accepts original research papers in the form of full-length papers, letters to the editor, reviews and case-reports.
Modern Rehabilitation
Journal of Modern Rehabilitation publishes articles relating to both clinical and basic science aspects of rehabilitation medicine in the form of full-length papers, short communications, letters to the editor, and reviews. It aims to be a wide forum for different areas of research in rehabilitation medicine including functional assessment and intervention studies, clinical studies in various patient groups, papers on methodology in physical and rehabilitation medicine, epidemiological studies on disabling conditions, and the vocational and socio-medical aspects of rehabilitation.

Contact Person
Ms. Maryam Khodami
E-mail: khodami@tums.ac.ir
Tel: (+98 21) 77 53 65 86
Fax: (+98 21) 77 53 41 33
Enqelab St., Between Sadi St. & Darvazeh Shemiran, Tehran, Iran
TUMS School of Traditional Medicine was established in 2007, as a result of the increasing interest in and the national need for traditional, alternative and complementary medical services. This school, as the most distinguished school of traditional medicine in Iran, is a postgraduate academic center with the aim of educating talented students at Ph.D. level in traditional medicine and pharmacy of traditional medicine.

The total number of students exceeds 100 up to present, and the first group to be awarded the degree of Ph.D. graduated in 2012.

The school consists of five buildings, three of which are carefully designed with modern facilities for the students and faculty members. It also has 5 clinical centers, two educational campuses, and two modern research centers.

This school is the first and most distinguished school of traditional medicine in the Middle East. During your study here, you can get high-level experience in both fields of clinical practice and research.

Dr. Hossein Rezaeizadeh
Dean
Ph.D. in Traditional Medicine
Tel: (+98 21) 88 99 08 37

Educational Departments
• Department of Traditional Medicine
• Department of Pharmacy in Traditional Medicine
• Department of History of Medical Sciences (or History of Medicine)

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

The specific objective of this school is for students to gain an understanding of how to combine traditional medicine with current medicine, and to become a specialist, that is a broad-minded and ethical individual.

This school accepts students with M.D. or Pharm.D. degrees into its Ph.D. programs. The curriculum also hopes to fill the gap between the university and the industry in the field of herbal medicine and traditional medicine.

TUMS School of Traditional Medicine accepts international students in the following programs:

<table>
<thead>
<tr>
<th>Department</th>
<th>Major</th>
<th>B.Sc.</th>
<th>M.Sc.</th>
<th>Ph.D.</th>
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<tbody>
<tr>
<td>Traditional Medicine</td>
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<td></td>
<td>Nutrition in Traditional Medicine</td>
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<td>Medical Massage</td>
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<td></td>
<td>Cupping and Hijamat</td>
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<td>-</td>
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<tr>
<td></td>
<td>Life Style in Iranian Medicine</td>
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<td>-</td>
<td>-</td>
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<td></td>
<td>Acupuncture</td>
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<tr>
<td>History of Medical Sciences (History of Medicine)</td>
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</table>
Training Programs
- Acupuncture
- Cupping and Hijamat
- Lifestyle in Iranian Medicine
- Medical Massage
- Nutrition in Traditional Medicine

Summer Programs
- Principles of Acupuncture
- Cupping and Hijamat
- Medical Massage
- Principles of Persian Traditional Medicine
- Herbal Medicine
- Lifestyle in Traditional Medicine
- Nutrition in Traditional Medicine

Administration Board
Dr. Hossein Rezaeizadeh, Dean
Ph.D. in Traditional Medicine, Assistant Professor
Tel: (+98 21) 88 99 08 37

Dr. Amir Hooman Kazemi, Vice-Dean for International Affairs
Ph.D. in Traditional Chinese Medicine and Acupuncture, Assistant Professor
Tel: (+98 21) 22 98 85 51

Dr. Ebrahim Khadem, Vice-Dean for Education
Ph.D. in Traditional Medicine, Assistant Professor
Tel: (+98 21) 66 75 41 68

Dr. Roja Rahimi, Vice-Dean for Research
Ph.D. in Pharmacy in Traditional Medicine, Assistant Professor
Tel: (+98 21) 22 98 85 51
School’s Journal
• Traditional and Integrative Medicine

School's Research Centers
• Persian Medicine and Pharmacy Research Center

Research Interests
• Clinical Trial on Herbal Medicine
• Animal Research on Herbal Medicine
• Endocrinology and Diabetes
• Application of Technology in 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.

Contact Us
E-mail: info-tim@tums.ac.ir
Postal Address: School of Traditional Medicine, Giti Alley, Vafamanesh St., Heravi Sq., Tehran, Iran.
Tel: (+98 21) 88 99 08 37
Fax: (+98 21) 88 99 08 29
Established in 2010, TUMS Virtual School is called the scientific pivot of e-learning in medical sciences in Iran. It was also called the Center of Excellence for E-Learning in Medical Education in 2011, and it is going to be the Center of Excellence in E-Learning in the Middle East in the near future.

The awards and nominations received by TUMS Virtual School in 2012-2013 included the National Educational Scholarship Award by the University Virtual Clinical Rounds Site (SARMAD) and the national first rank in Electronic Health Festival by CME. In addition, the school’s faculty members have received more than 9 national educational awards in Motahari National Educational Scholarship Festival in the field of e-learning in medical education.

A positive, responsive and respectful online school culture is not shaped in isolation but arises as all teaching and administrative staff focus on achieving the three main goals set by the Virtual School in a thoughtful and meaningful manner:

• To reach out to national and international students;
• To be responsive to the educational and administrative needs of our students; and,
• To support our students in order to boost their medical knowledge.

The main activities of the Virtual School include:
• Providing e-majors in Master’s and Ph.D. degrees;
• Developing and providing e-CME and e-CPD for users all over the country;
• Designing and presenting degrees, certificates and diplomas in different blended short courses;
• Designing, developing and providing e-learning educational aids for face-to-face courses; and
• Designing and holding a wide range of development programs and workshops for faculty members.

**Educational Departments**

Our aim is to admit the best candidates and give them the experience and necessary training to make a difference in various fields of medical sciences. We hope our students will gain the empathy that transforms them into health professionals.

In promoting public health and expanding science boundaries, virtual and electronic education play important roles in medical education and training. Thus, expanding and promoting the science of e-learning, actualizing the use of e-learning in medical education, and making scientific ties with other research centers and local or international organizations are the major goals to achieve in the educational departments.

**Department of E-Learning in Medical Education**

Dr. Amir Hosein Emami, M.D.
Head of Department
E-mail: emamiami@yahoo.com

**Department of Virtualization of Face-to-Face Programs**

Prof. Omid Sabzevari, Pharm.D., Ph.D.
Head of Department
E-mail: omid@tums.ac.ir
TUMS Virtual School accepts international students in the following programs:

<table>
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<tr>
<th>Department</th>
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<td></td>
<td>Educational Technology ✔</td>
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</table>

**Contact Information**

E-mail: etums@tums.ac.ir  
Tel : (+98 21) 88 97 80 88  
Fax: (+98 21) 88 96 95 94  
Mailing Address: Virtual School, Tehran University of Medical Sciences, Dolatshahi Alley, Naderi St., Keshavarz Blvd., Tehran, Iran.
**Iranian Embassies/Consulates Around the World**

<table>
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<tr>
<th>Country</th>
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<th>Country</th>
<th>Capital/Region</th>
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*Note: The list above is a simplified version of the full table.*
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</tbody>
</table>
A student visa is required for 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 Flights Information
- 09633 International Flights Information

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United Kingdom

London

United States of America

Washington, New York

Uruguay

Montevideo

Uzbekistan

Tashkent

Vatican

Vatican

Venezuela

Caracas

Vietnam

Hanoi

Yemen

Sana’a

Zimbabwe

Harare
A student visa is required for 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 Flights Information
09633 International Flights Information
We realize that being an international student is a big step in your life. We will do our best to ensure that you make the most of your time at TUMS. This prospectus offers just a small example of what you can experience at this university. For the latest information and to download the digital file of the prospectus, please visit our website: www.gsia.tums.ac.ir

Disclaimer and Contacts
This prospectus was created in March 2015. Tehran University of Medical Sciences makes every effort to ensure the accuracy of information given. Please refer to our website for the latest course information. If you would like any help or have any questions, please feel free to contact us. You can also connect with TUMS via LinkedIn using the QR code below:

Project Manager
Dr. Masoud Azizi

Graphics & Design
Alireza Jafari

The photography included in this prospectus is taken across our schools and campuses and features real students, faculty members, and staff. Our special thanks go to Dr. Ali Arabkheradmand, Vice-Chancellor for Global Strategies and International Affairs and Dr. Enayat A. Shabani, Director of International Affairs and Development, Tehran University of Medical Sciences. We would also like to thank all those who have kindly contributed to this work including Arya Rahimi Golkhandan, Amin Rahmanzadeh, Shabnam Ranjbar Nikkhoo, Parastoo Yazdani, Rooja Aghabeik, Nasrin Dastjerdi, Tannaz Azadi, Somayeh Nazari, Seyyed Mehdi Sadati, Dr. Amir Zand-Moghadam, Samin Gheitasy and Mohammad Vahdatfar.

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