

TEHRAN UNIVERSITY OF MEDICAL SCIENCES (TUMS)  
Office of Vice-Chancellor for Global Strategies and International Affairs,  
Directorate of International Affairs and Development

Number 21, Dameshgh St., Vali-e Asr Ave.,  
Tehran 1416753955, Iran.

[www.gsia.tums.ac.ir](http://www.gsia.tums.ac.ir)

[admission\\_ic@tums.ac.ir](mailto:admission_ic@tums.ac.ir)  
[oia-ic@tums.ac.ir](mailto:oia-ic@tums.ac.ir)

Tel : (+98 21) 88 89 66 96  
(+98 21) 88 89 66 94  
Fax: (+98 21) 88 85 26 54



TEHRAN UNIVERSITY  
OF  
MEDICAL SCIENCES



TEHRAN UNIVERSITY OF MEDICAL SCIENCES  
Office of Vice-Chancellor for Global Strategies and International Affairs

International Student  
Prospectus  
2014

INTERNATIONAL STUDENT PROSPECTUS 2014





**TEHRAN UNIVERSITY OF MEDICAL SCIENCES**  
Office of Vice-Chancellor for Global Strategies and International Affairs  
Directorate of International Affairs and Development

## **International Student Prospectus**

 **TUMS IS ACCREDITED**  
BY ASIC (2013-2017)



## 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)





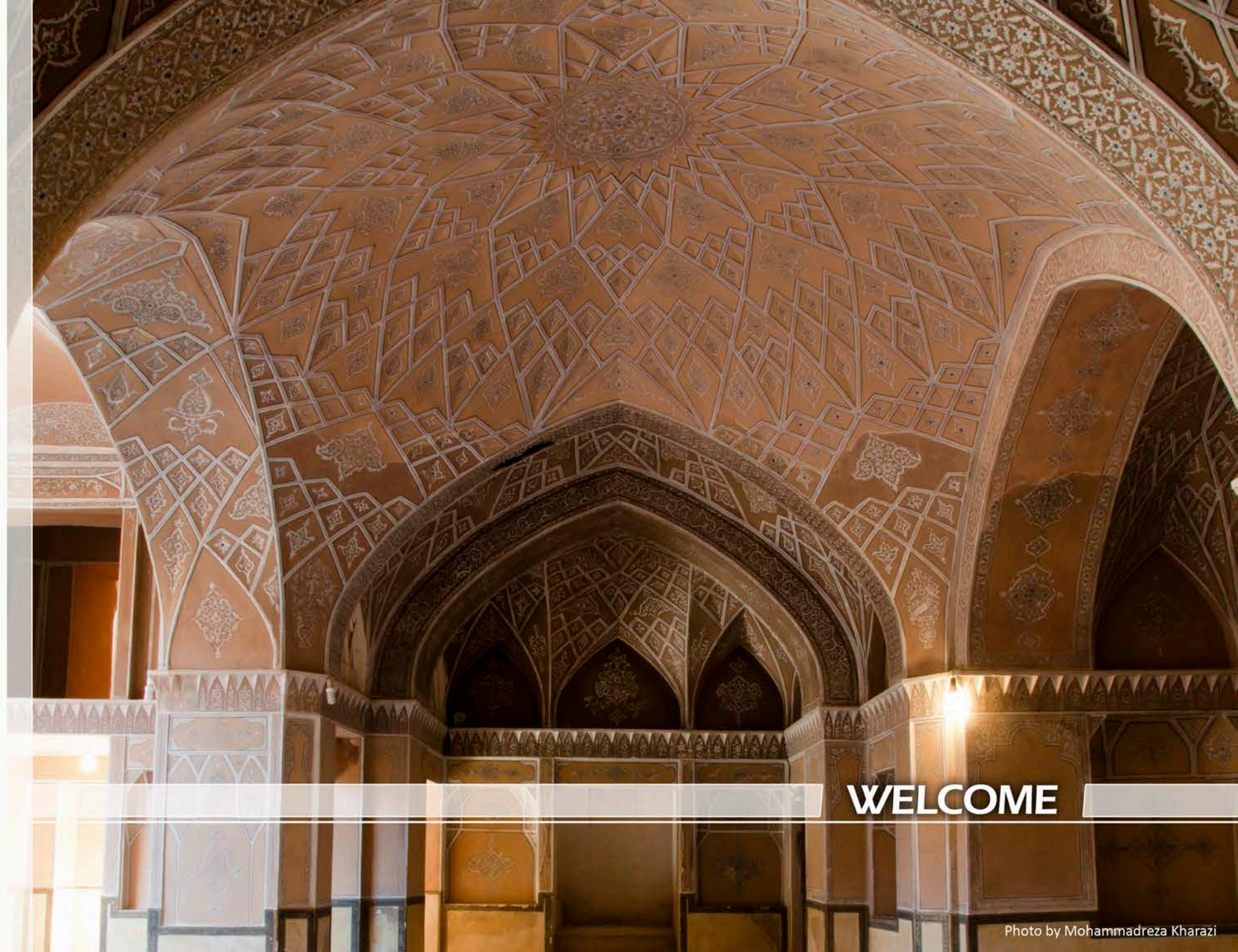
### Message from the Vice-Chancellor for Global Strategies and International Affairs

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)



**WELCOME**



# CONTENTS

<b>INTRODUCTION .....</b>	<b>1</b>	<b>ADMISSIONS .....</b>	<b>71</b>
History of Medicine in Iran		Office of Admissions	
About TUMS		The Educational System in Iran	
Mission and Vision of International TUMS		Points to be Considered	
TUMS Kish International Campus		Tuition Fee and Financial Support	
		How to Apply	
		How to Prepare the Needed Documents	
		After You Apply	
		Visa Procedure	
		Arrival and Registration	
		Your First Week in Iran	
<b>IRAN .....</b>	<b>13</b>	<b>TUMS SCHOOLS .....</b>	<b>89</b>
The Cyrus Cylinder		School of Advanced Technologies in Medicine	
Naghshe-e-Rustam		School of Allied Medical Sciences	
Mashhad		School of Dentistry	
Isfahan		School of Medicine	
Shiraz		School of Nursing and Midwifery	
Kish		School of Nutritional Sciences and Dietetics	
Iran on UNESCO's World Heritage List		School of Pharmacy	
Persian Art and Handicrafts		School of Public Health	
Weather in Iran		School of Rehabilitation	
		School of Traditional Medicine	
		Virtual School	
<b>TEHRAN .....</b>	<b>41</b>	<b>APPENDIX .....</b>	<b>231</b>
Sports		Iranian Embassies/Consulates Around the World	
Art and Culture		TUMS Website	
Cinemas		Emergency Phone Numbers in Iran	
Public Transportation		2014-2015 Calendar	
Azadi Tower		Acknowledgements	
Milad Tower			
<b>STUDENT LIFE .....</b>	<b>51</b>		
Libraries			
Learning Persian			
Accommodation			
Food and Dining Options			
On-Campus Food Services			
Insurance and Immunizations			
Student Dress Code			
Sports at TUMS			
Money Matters			



## 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 high quality faculty members.

## History of Medicine in Iran

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

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

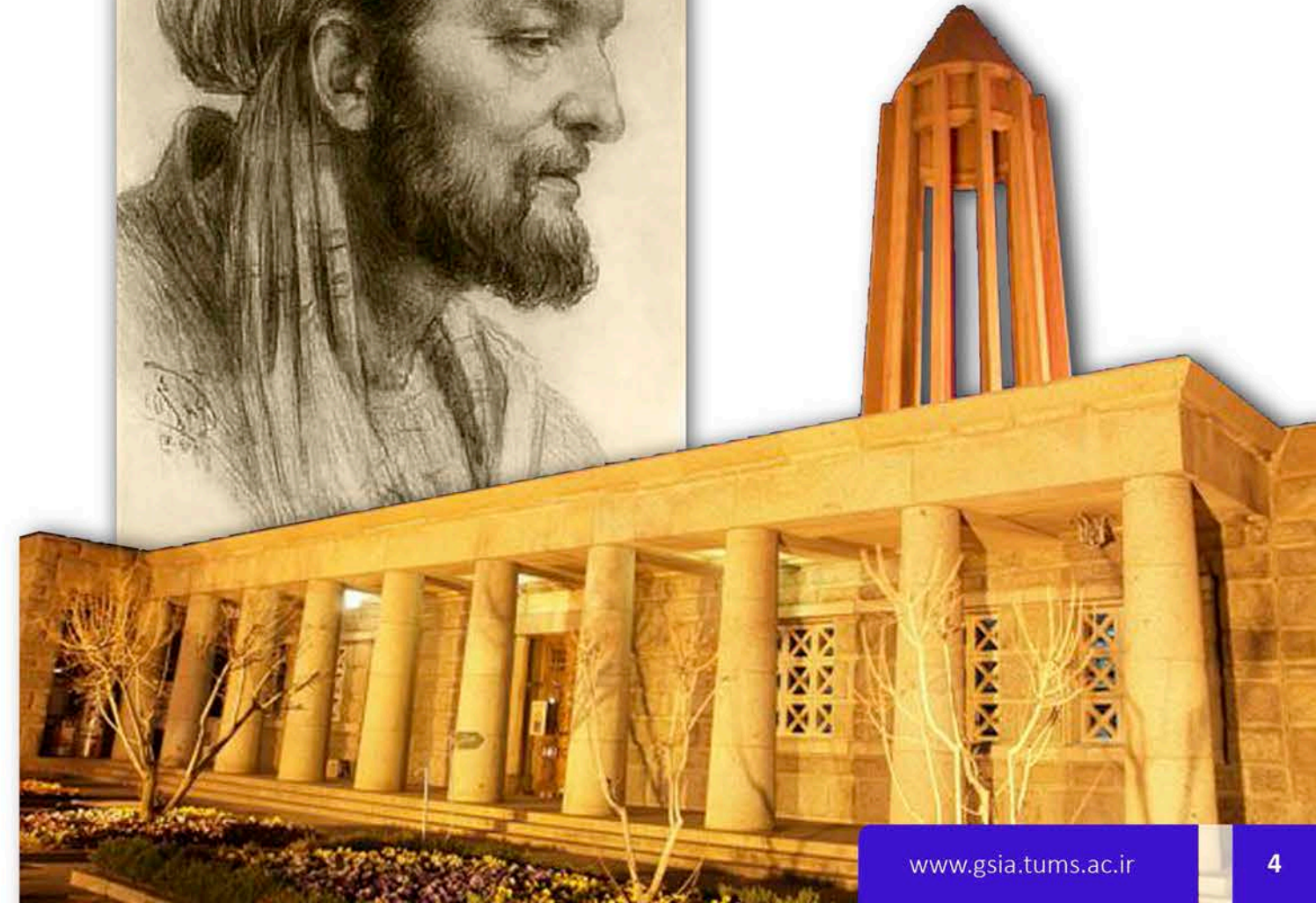


Ibn Sina, or Avicenna (born c.980) is considered amongst the most influential medical scholars in history. He wrote *The Canon of Medicine* (1025) and the *Book of Healing* (1027). Avicenna is credited with the separation of medicine from pharmacology, which was vital to the development of the pharmaceutical sciences.



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

Muhammad ibn Zakariya Razi, also known as Rhazes (865 - 925) was born in Ray (currently inside Tehran Province), Iran. He is credited with many 'firsts' in medical research, clinical care, and chemistry. He was the first to differentiate between smallpox and measles. He perfected methods of distillation and extraction, and discovered sulfuric acid and alcohol. Razi advised practitioners to keep up with advanced knowledge by continually studying medical books and exposing themselves to new information.



## 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 (Dar-ol-Fonoon). The School of Medicine was established as a part of the University of Tehran in 1934. After the Islamic Revolution, medical and associated departments were separated from the Ministry of Higher Education and were taken under the jurisdiction of the Ministry of Health, Treatment, and Medical Education. Since 1986, all the medical and associated schools of University of Tehran have carried on their activities independently as Tehran University of Medical Sciences and Health Services (TUMS).

TUMS is the oldest and the most well-known medical center in the I.R. of Iran. TUMS is one of the country's top research universities, accepts applications from the most qualified students, 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 Disease, 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, Ziaieian, and Baharloo are general and referral hospitals; Tebi-Koodakan and Bahrami hospitals 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, TUMS 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.

TUMS is a large university. One of the many advantages of its size is that it can offer a wide range of courses. Admission to TUMS is granted 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. Study at TUMS is based on a semester schedule. The fall semester begins in September and ends in January. The spring semester begins in February and ends in June. All international students will be admitted to start at the beginning of each semester.

Imam Khomeini Hospital Complex, with 1,200 active beds, is the largest hospital complex in the Middle East. It comprises of three hospitals (Imam Hospital, Vali-e-Asr Hospital, & Cancer Institute) and 10 research centers. It also includes a very modern equipped imaging center.

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



Imam Hospital, Tehran

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) International Quality Group (CIQG).

## Mission and Vision of International TUMS

Our mission is to educate students at all levels and all disciplines of the medical sciences in accordance with the highest educational standards. We prepare future medical doctors, dentists, pharmacists, and health scientists for 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.



Students Taking an Oath in the White Coat Ceremony

## 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 all cultures and backgrounds. In order to provide equal opportunities for talented students who come from a modest background, scholarships and financial assistance are available.





## Iran

**Iran**, also known as **Persia**, is a country in Western Asia. Iran is 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 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.

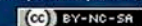
13

TUMS

Tehran University of Medical Sciences  
International Student Prospectus

Mount Damavand, the highest peak in Iran

Photo by Shreyans Bhansali



## The Cyrus Cylinder

First Declaration of Human Rights by Cyrus the Great, inscribed in cuneiform on a clay cylinder discovered in 1879, now on display in 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 to 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.

Tomb of Cyrus the Great, Pasargad, Shiraz

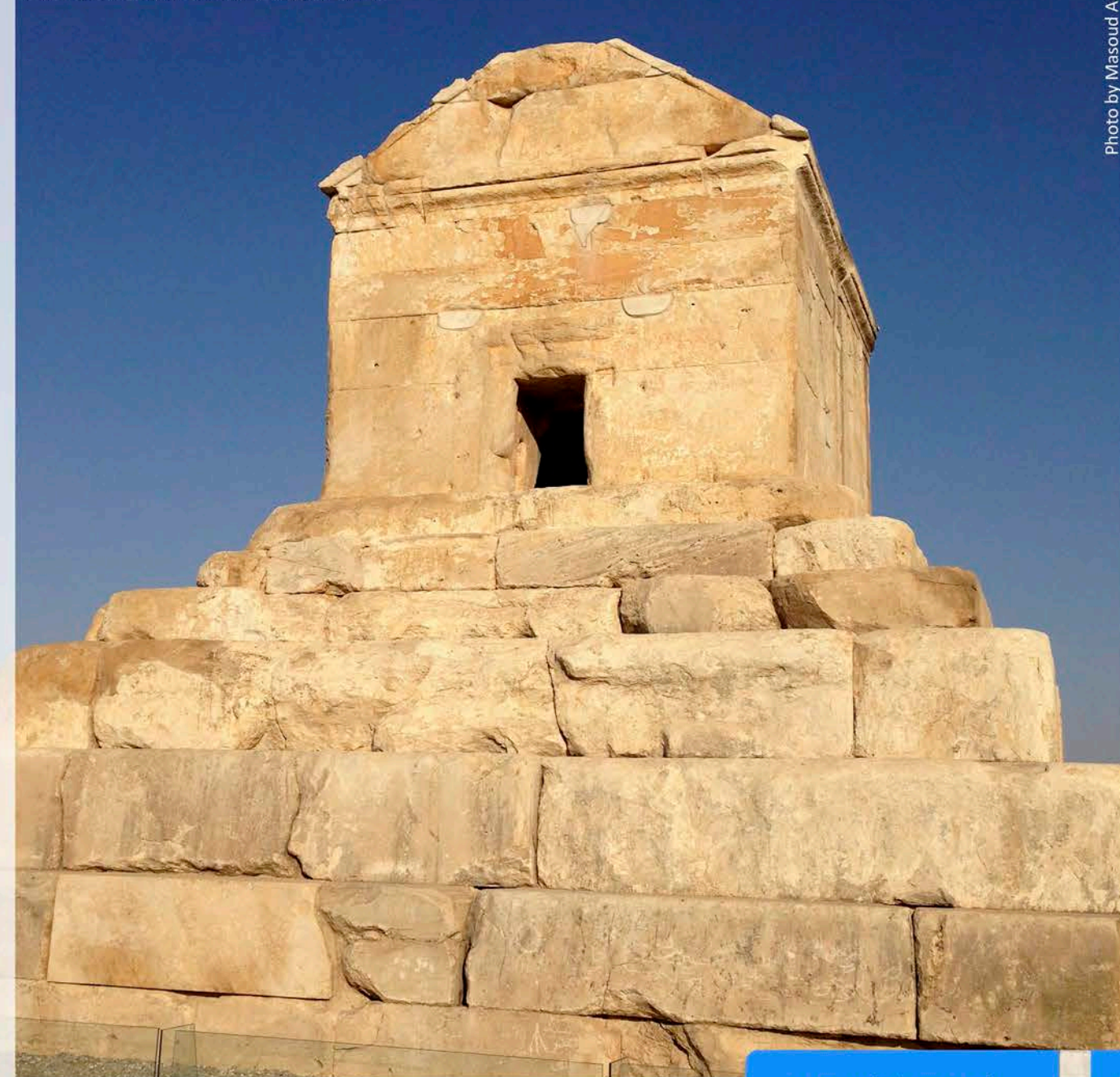


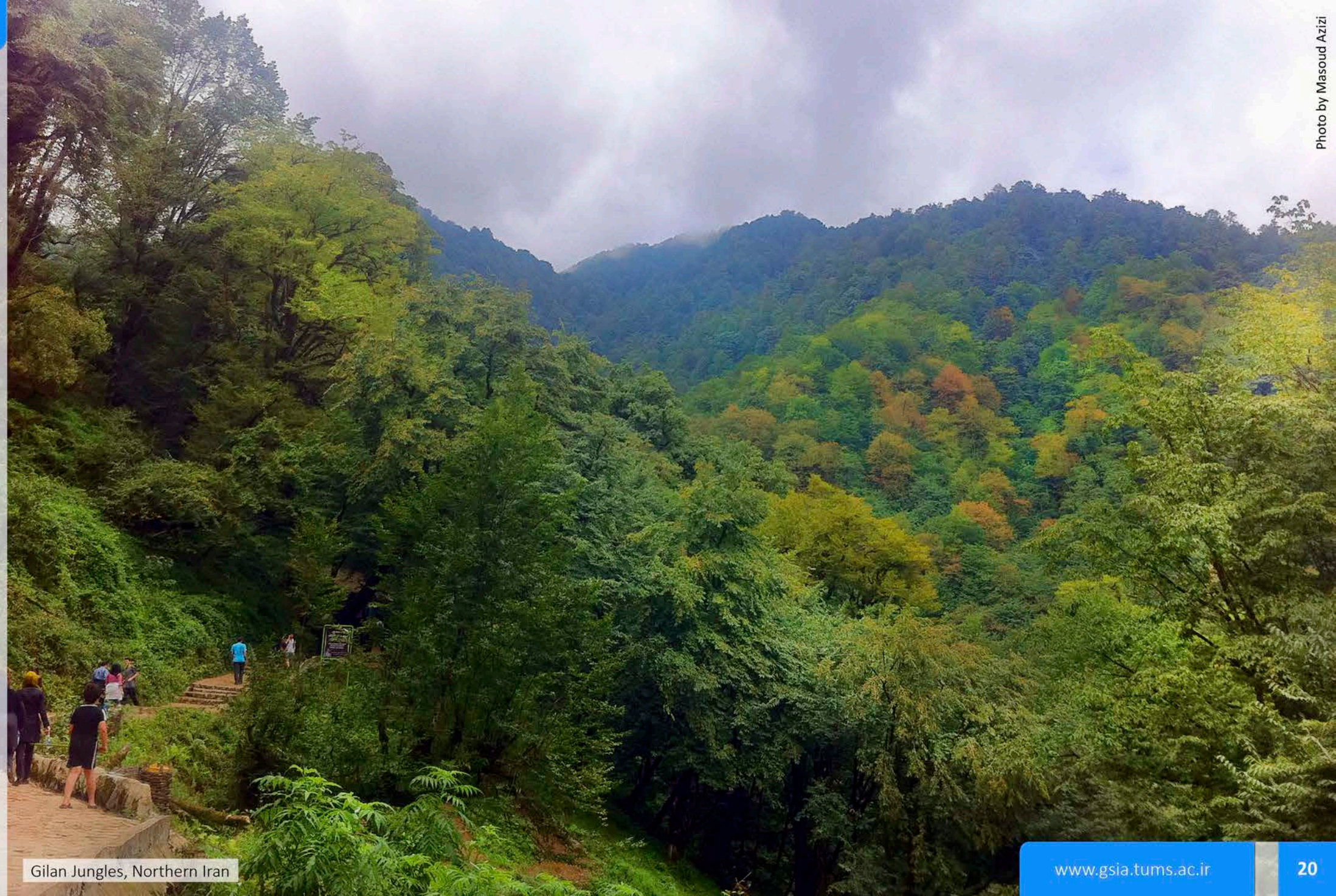
Photo by Masoud Azizi

## Naqsh-e-Rustam, Shiraz

It is an ancient necropolis located about 12 km northwest of 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.



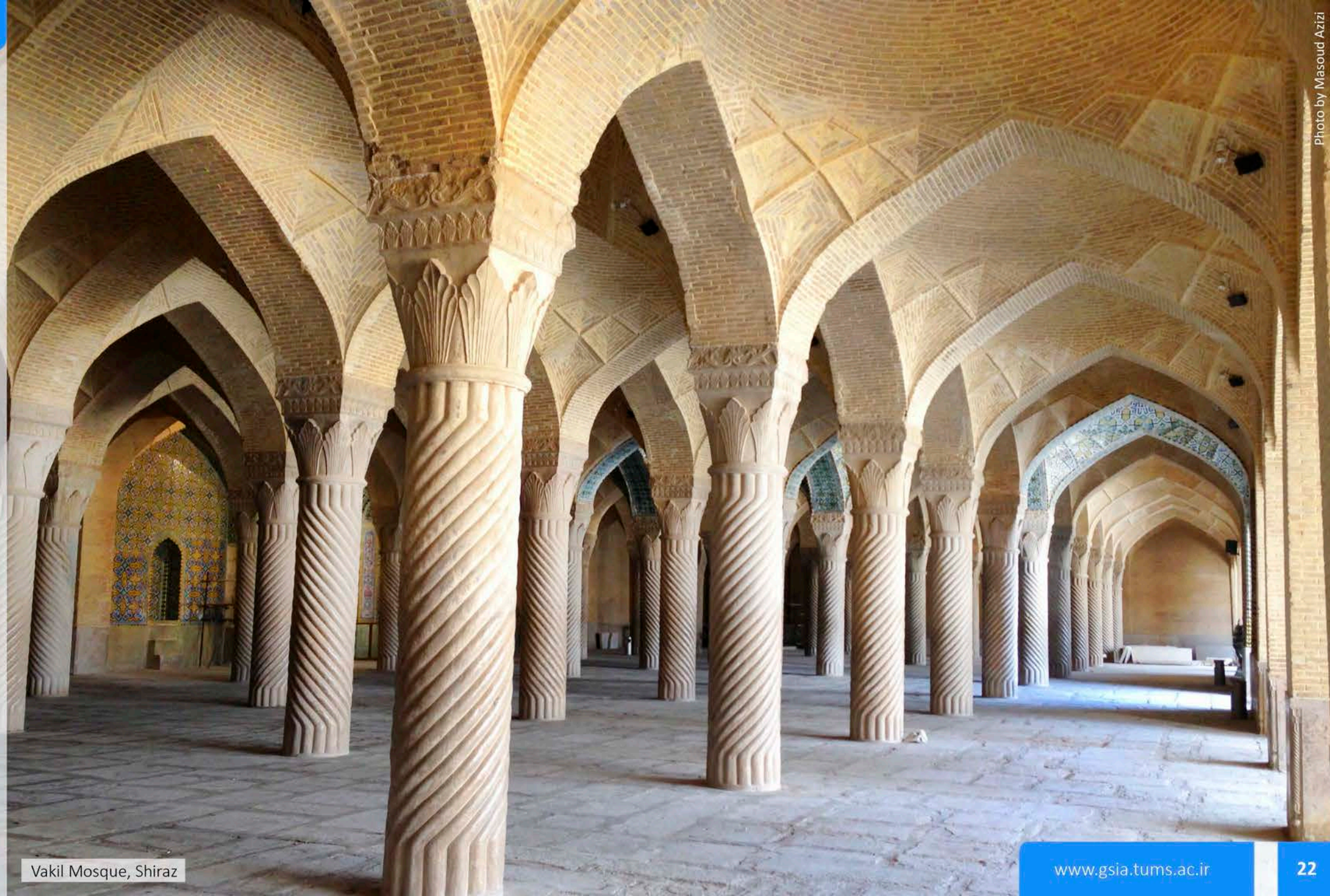
Iran is rich in culture and history, and the landscape is fascinating. Studying in Iran and specifically in Tehran will not only give you the opportunity to study medical sciences but will also introduce you to the culture and traditions of the Iranian people. Studying at the university, interacting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



Gilan Jungles, Northern Iran

Iranians were among the first to use mathematics, geometry, and astronomy in architecture and also have extraordinary skills in making massive domes which can be seen frequently in the structure of bazaars and mosques. The main building types of classical Iranian architecture are mosques and palaces. Besides being home to a large number of art houses and galleries, Iran 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 the total population is 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. Many ethnicities and races live in Iran. Iran has one of the highest urban growth rates in the world. Tehran is the capital of Iran with Mashhad, Isfahan, and Shiraz being some of its biggest cities.



Vakil Mosque, Shiraz

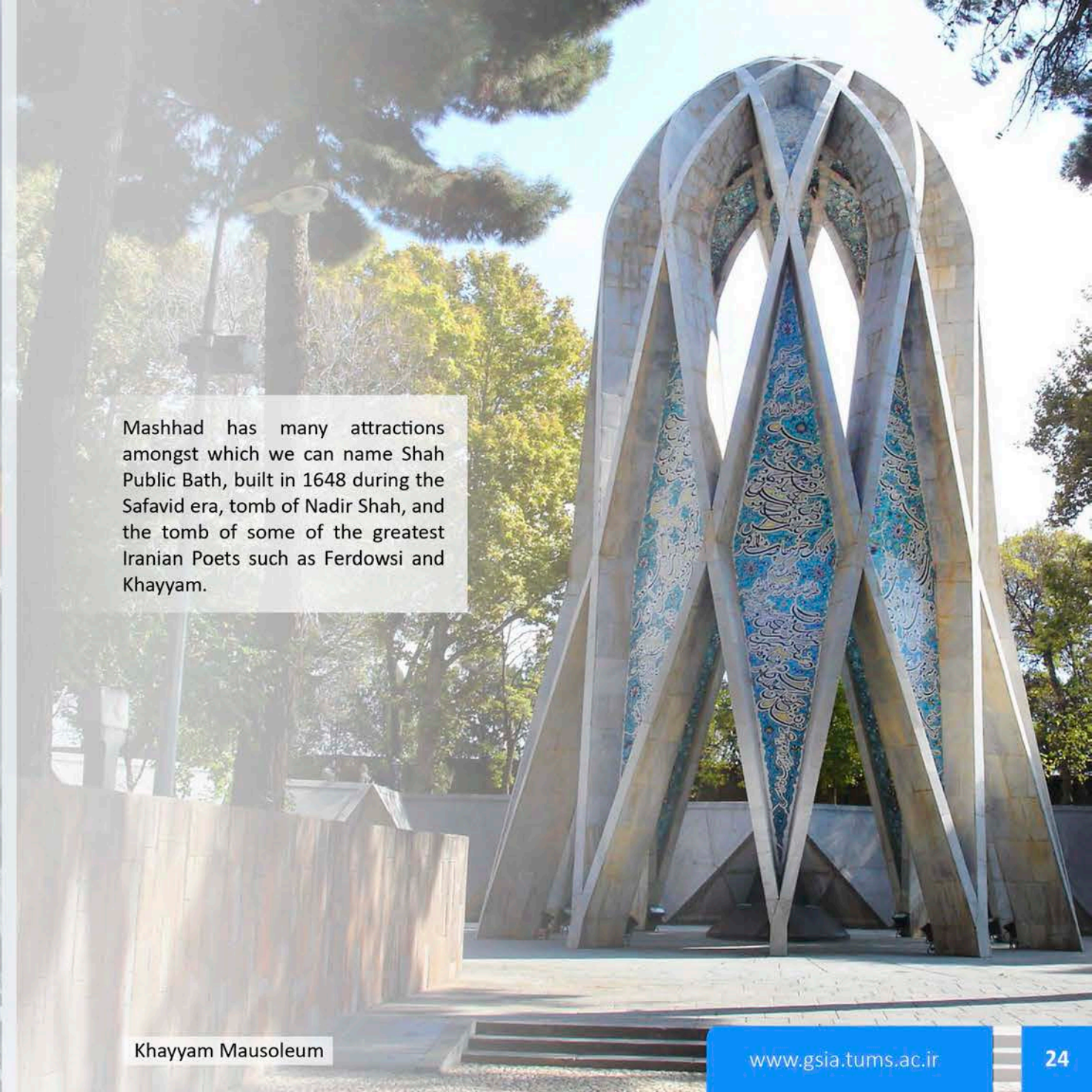


**Mashhad** is the second largest city in Iran and is one of the holiest cities in the Shia Muslim world. It is located 850 kilometers (530 miles) east of Tehran.

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.



Imam Reza Holy Shrine



Mashhad has many attractions amongst which we can name Shah Public Bath, built in 1648 during the Safavid era, tomb of Nadir Shah, and the tomb of some of the greatest Iranian Poets such as Ferdowsi and Khayyam.

Khayyam Mausoleum

## Isfahan

Also known as Ispahan, Sepahan or Hispahan is the capital of Isfahan Province in Iran, 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 art work. Isfahan has also been called 'Half the World' due to the fact that this city is home to some of the most impressive works of art as well as many well-known historical sites. Examples of marquetry and porcelain enamel work can be found here.

25

TUMS

Tehran University of Medical Sciences  
International Student Prospectus

Allah-Verdi Khan Bridge



### Shiraz

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

The name Shiraz is mentioned in cuneiform inscriptions from around 2,000 B.C. found in south western corner of the city of Shiraz. Shiraz is 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 Tomb of Cyrus the Great and Pasargad as well as Persepolis are also located in Shiraz. The tomb of Shah-e-Cheragh, Imam Reza's brother, is 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.



Kish Island, Iran

## 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 Azarbaijan
- 5- Bam and its cultural landscape, Kerman
- 6- Pasargad, Fars
- 7- Soltaniyeh, Zanjan
- 8- Bisotun, Kermanshah
- 9- The Armenian Monastic Ensembles
- 10- Shushtar, Historical Hydraulic System, Khuzestan
- 11- Tabriz Historic Bazar Complex, East Azarbaijan
- 12- Sheikh Safi al-Din Khanegah and Shrine Ensemble, Ardabil
- 13- The Persian gardens
- 14- Gonbad-e Qabus, Golestan
- 15- Masjed-e Jame, Isfahan
- 16- Golestan Palace, Tehran



2



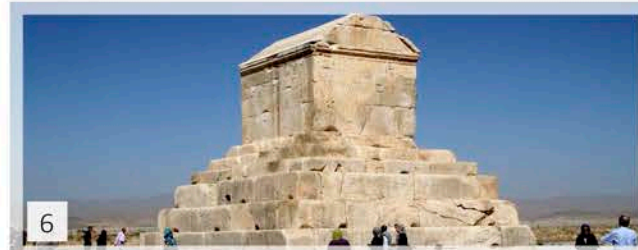
3



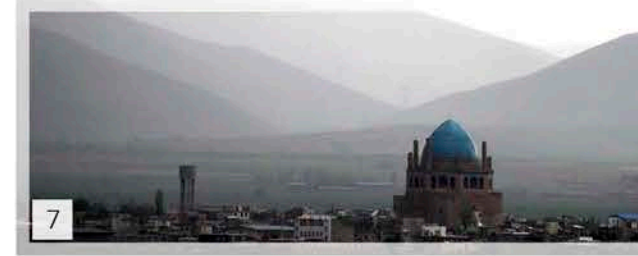
4



5



6



7



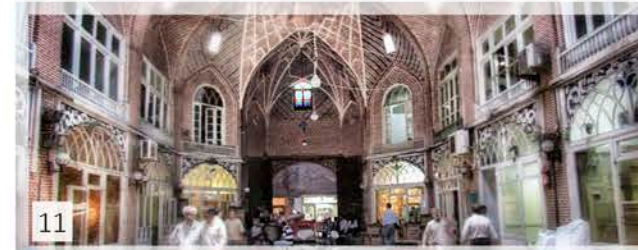
8



9



10



11



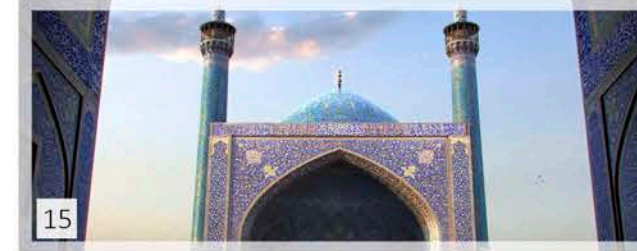
12



13



14



15



16



1

## Persian Art and Handicrafts

### Iranian Architecture

Persians are famous for being artists. Art, in its broadest sense, has always been part of 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 of Iranian architecture during time is the cosmic symbolism through which a connection has been shaped between man and the powers of heaven. The numerous Persian gardens with magnificent edifices in the center are good manifestation of this.

*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)*



Narenjestan Garden & Museum

## Persian Pottery

The potteries excavated date back to centuries B.C. 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

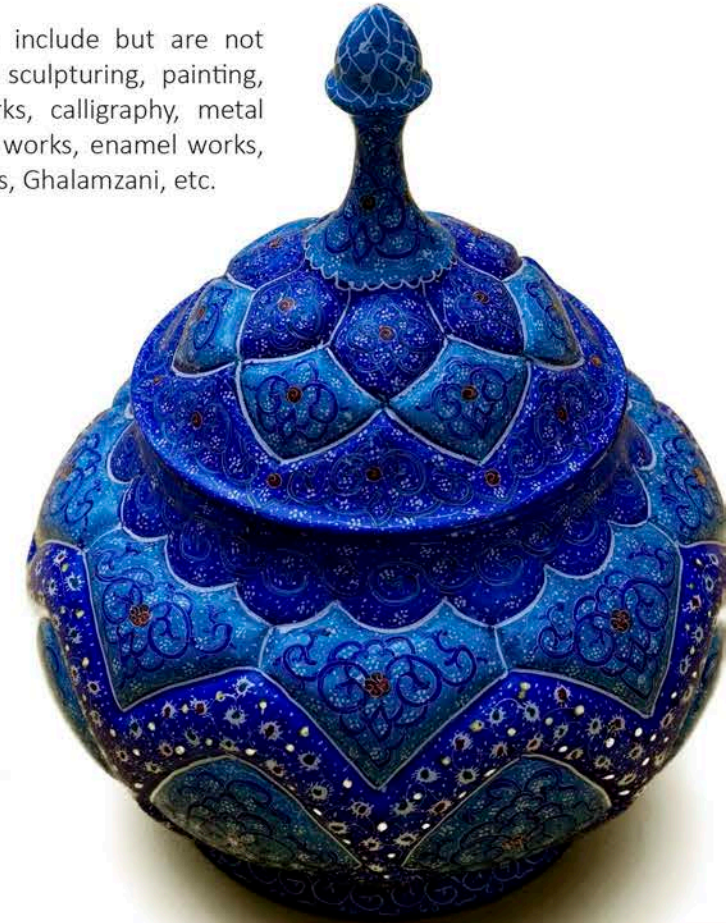
## Persian Carpet

Persian carpet is also another landmark distinguishing Persian artists from others. Persian carpet with its fast colors, fine 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.

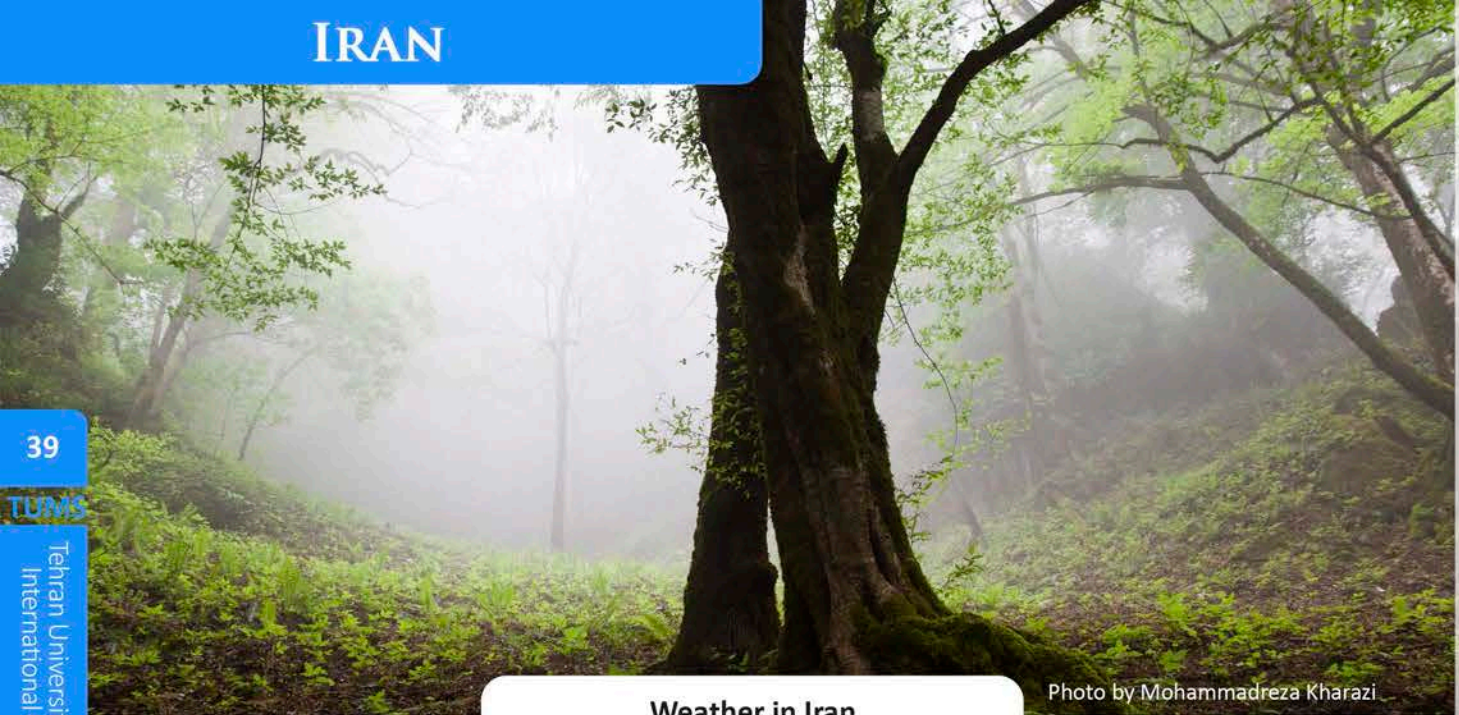




Other Iranian handicrafts include but are not limited to silver making, sculpturing, painting, ceramic and mosaic works, calligraphy, metal works, wood works, glass works, enamel works, Khatam works, stone works, Ghalamzani, etc.







**Weather in Iran**  
Iran is a four-season country.

Photo by Mohammadreza Kharazi



Photo by Mohammadreza Kharazi



Photo by Nika Abbasian





## Tehran

Tehran is the capital of Iran and Tehran Province. With an estimated population of 8,429,807, it is Iran's largest urban area. Tehran is also the largest city in Western Asia and the 19th largest city globally. Archaeological investigations and excavation in Tehran demonstrate that this area was home to civilizations as far back as 3rd millennium B.C. in the village of Ray, which is now incorporated into the city of Tehran.

## Sports

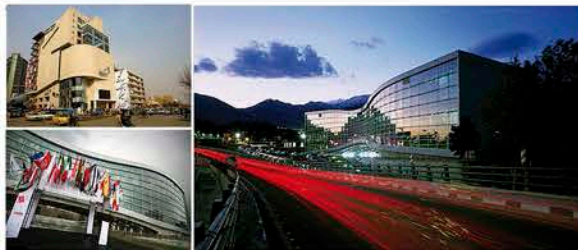
Tehran was the first city in the Middle East to host the Asian Games in 1974. Tehran is the site of Iran's national football stadium on Azadi Sports Complex with a 100,000 seating capacity. Azadi Football Stadium is one of the largest stadiums in Southern and Central Asia.

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 Tehran in the Alborz Mountains. Tochal Ski Resort is the world's fifth highest ski resort, at over 3,730 meters (12,240 ft) at its highest station. This resort was completed in 1976. Tochal has an 8 km-long gondola line (Telecabin) that goes from an elevation of 1,900 to a point on the crest of the mountain 3,740 meters high. It was completed in the late 1970s. At one time, it was claimed to be the world's longest gondola line.

## Art and Culture

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

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



## Cinemas

Tehran is well-served by cinemas. For English language and foreign films check out Azadi, Sepid, and Farhang cinema complexes.

## Transportation in Tehran

### Airport

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

Imam Khomeini International Airport 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. A TUMS representative will greet and transport them to TUMS international dormitories.

### Bus

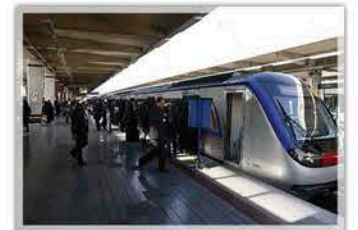
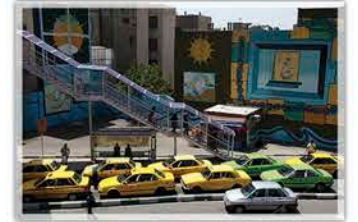
Women usually sit towards the end of the bus, and men ride in the front unless the bus driver is a woman. BRTs are fast buses which travel specialized routes; women sit in the front on BRTs.

### 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. on a daily basis. The first and the last wagon in each train are women-only sections of the train. Chargeable metro cards are available for purchase and recharge to be used on Tehran's metro and bus systems.



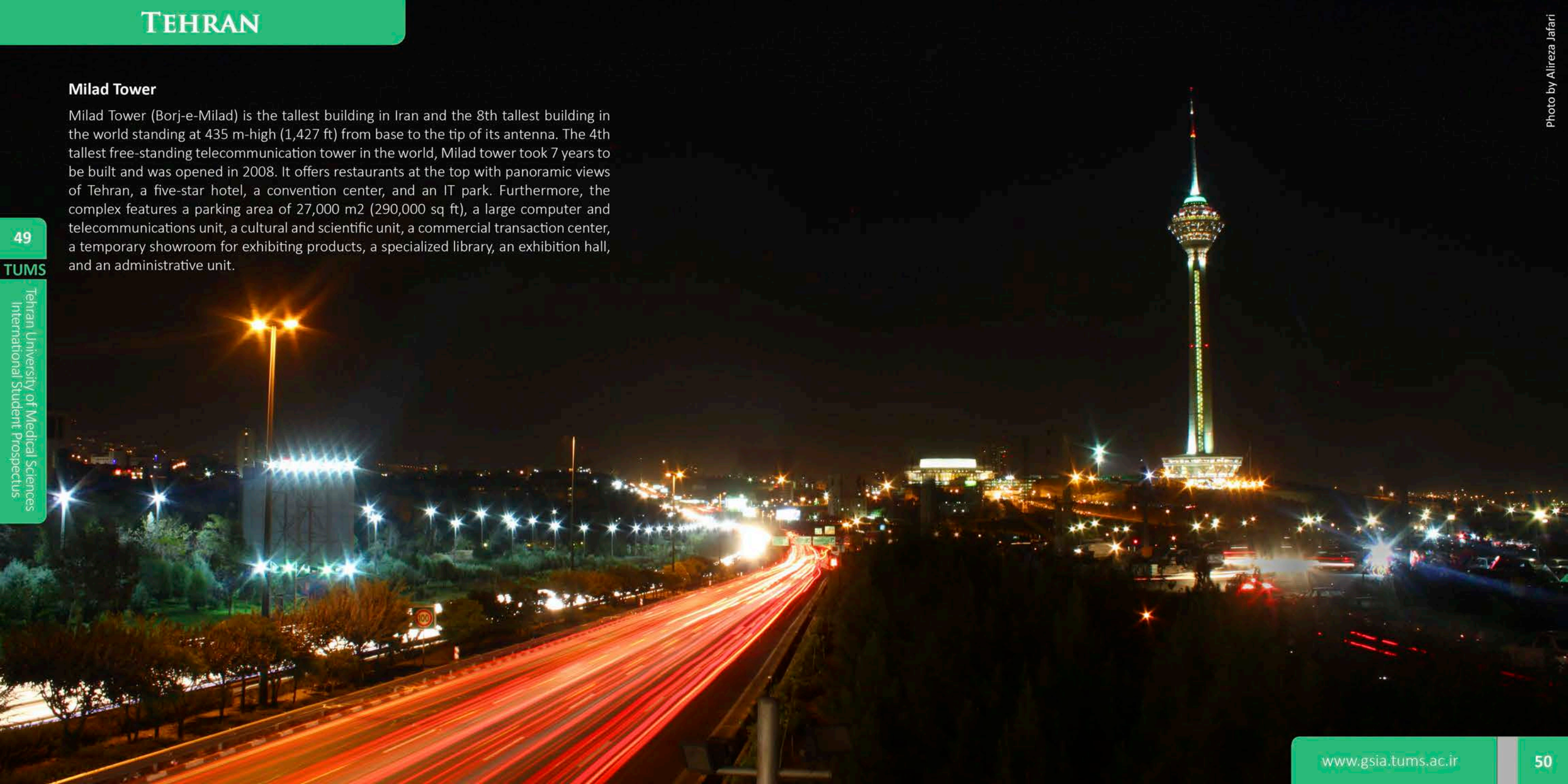
## Azadi Tower

Built in 1971, Azadi (Freedom) Tower is 50 meters (163 ft) tall and completely clad in cut marble. Azadi Tower is located in the middle of Tehran's famous Azadi Square.



### Milad Tower

Milad Tower (Borj-e-Milad) is the tallest building in Iran and the 8th tallest building in the world standing at 435 m-high (1,427 ft) from base to the tip of its antenna. The 4th tallest free-standing telecommunication tower in the world, Milad tower took 7 years to be built and was opened in 2008. It offers restaurants at the top with panoramic views of Tehran, a five-star hotel, a convention center, and an IT park. Furthermore, the complex features a parking area of 27,000 m<sup>2</sup> (290,000 sq ft), a large computer and telecommunications unit, a cultural and scientific unit, a commercial transaction center, a temporary showroom for exhibiting products, a specialized library, an exhibition hall, and an administrative unit.





## Student Life

We provide services such as new student orientation, career development and internship, physical and mental wellness, faith-related activities, and study and educational support. These programs bring the University together as a total 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.

### TUMS Digital Library

<http://diglib.tums.ac.ir/>

TUMS Digital Library provides its students with:

- Access to 6,000 full-text journals
- Access to more than 40 million abstracts in medical sciences
- Access to more than 150 scientific databases
- Access to more than 5.5 million full text articles

## TUMS Digital Library

Databases	All EBM Reviews (OVID)
Journals	Biological Abstracts
E. Books	CINAHL with Full text
Atlases & CME	Clinical Key
Dissertations & Theses	Cochrane Library
Evidence Base Medicine	EBM Reviews Full Text - Cochrane DSR, ACP Journal
Interactive Skills	EBM Reviews - Cochrane Database of Systematic
Medical Images, Protocol	EndNote Web
TUMS Journals	Essential Science Indicators (ESI)
	Journal Citation Reports (JCR)
	Library, Information Science & Technology Abstracts
	MD Consult
	Nursing Consult
	Nursing Index
	OVID Databases
	OVID Medline
	Scopus
	Ulrichsweb
	UpToDate
	Web of Science





## Learning Persian

Non-Persian speaking international students are given the opportunity to learn Persian before/after commencing their studies. These classes are offered at Longhatnameh Dehkoda Institute & International Center for Persian Studies, the leading organization in teaching Persian in Tehran.

## Useful Phrases in Persian

English	Pronunciation	Persian
Hello.	\səla:m\	سلام
How are you?	\xu:bi\	خوبی؟
Thank you.	\mæmnu:n\	ممنون
Bye!	\xoda: ha:fez\	خدا حافظ
How Much?	\tʃændə\	چنده؟
OK	\ba:fə\	باشه
Yes	\bælə\	بله
No	\næ\	نه
Bring!	\bi:- ya:r\	بیار
Take!	\bəbær\	بیر
Come!	\Bi:- ya:\	بیا
Go!	\bɔrɔ\	برو
Give!	\bedə\	بده
Food	\ gæza:\	غذا
Water	\a:b\	آب
Hungry	\goʃnə\	گشنه
Full	\si:r\	سیر
Thirsty	\teʃnə\	تشنه



Tomb of Ferdowsi, the Great Iranian Poet

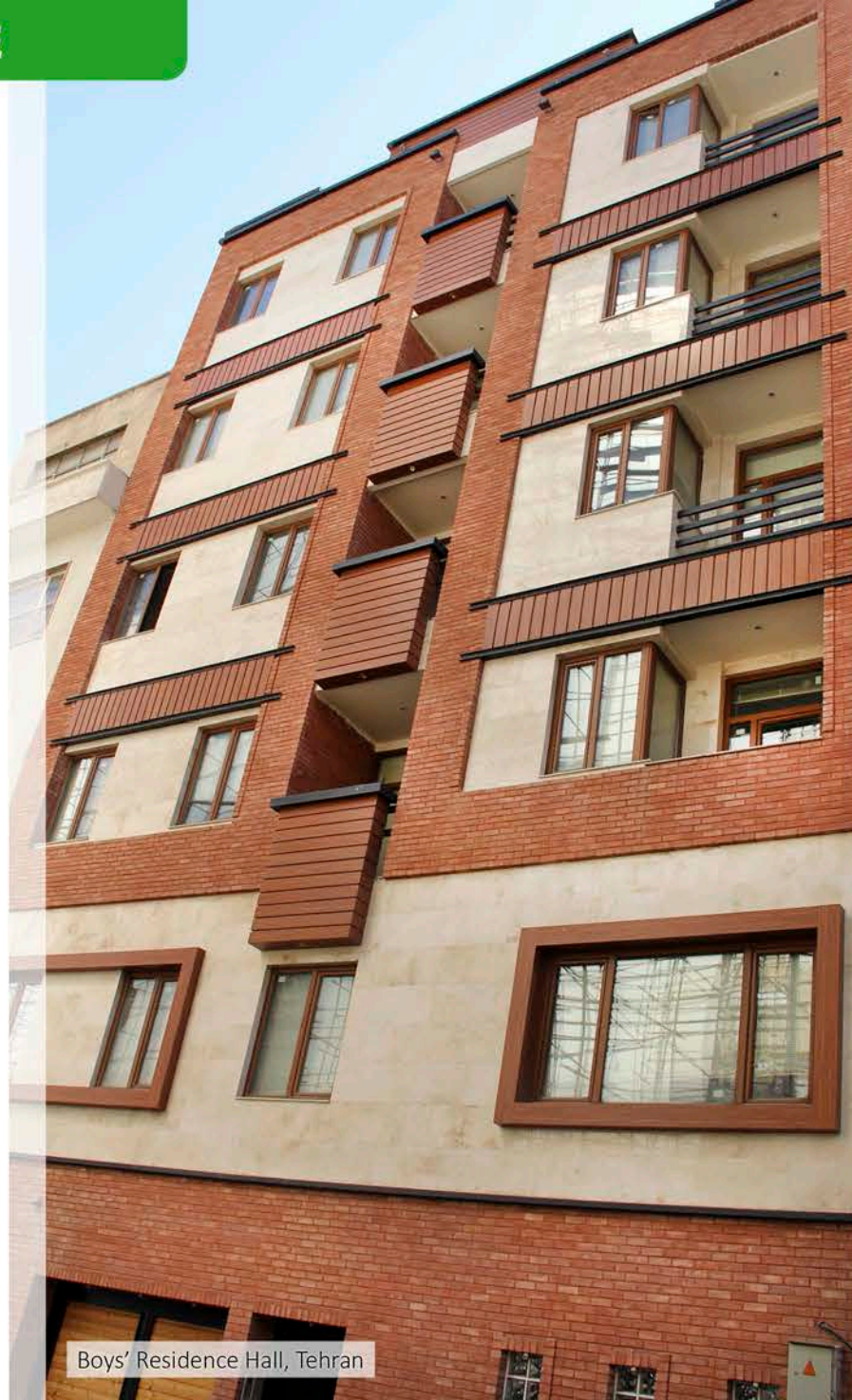


## Accommodation

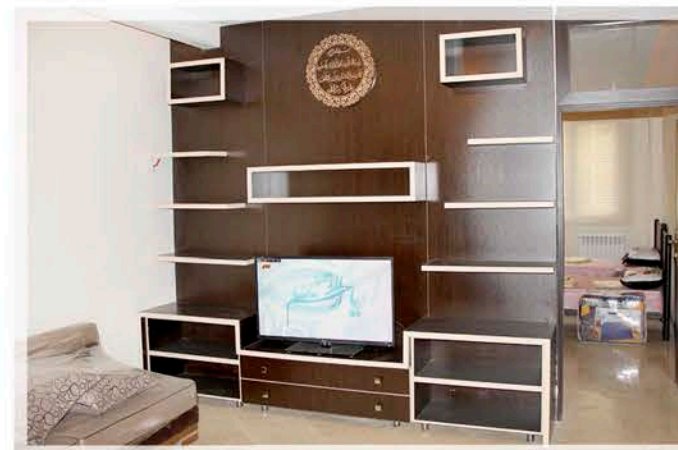
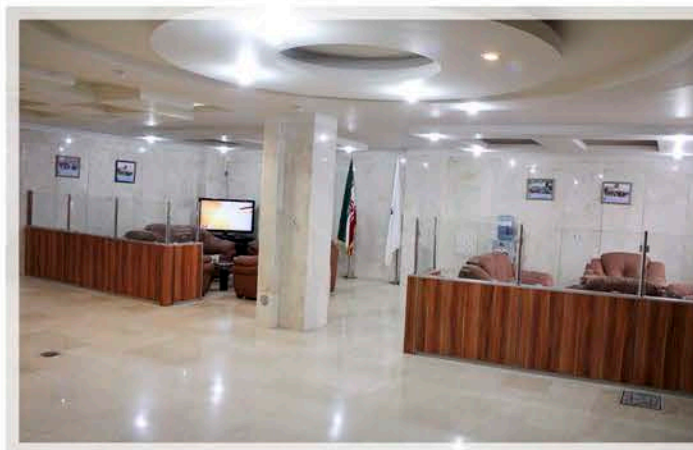
TUMS international students live in the international residence halls. Our dormitories are two- or three-bedroom apartments. Most of the rooms are double occupancy and all rooms are furnished with beds, drawers, closets, desks, sofa sets, and chairs consistent with the number of students in each room.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

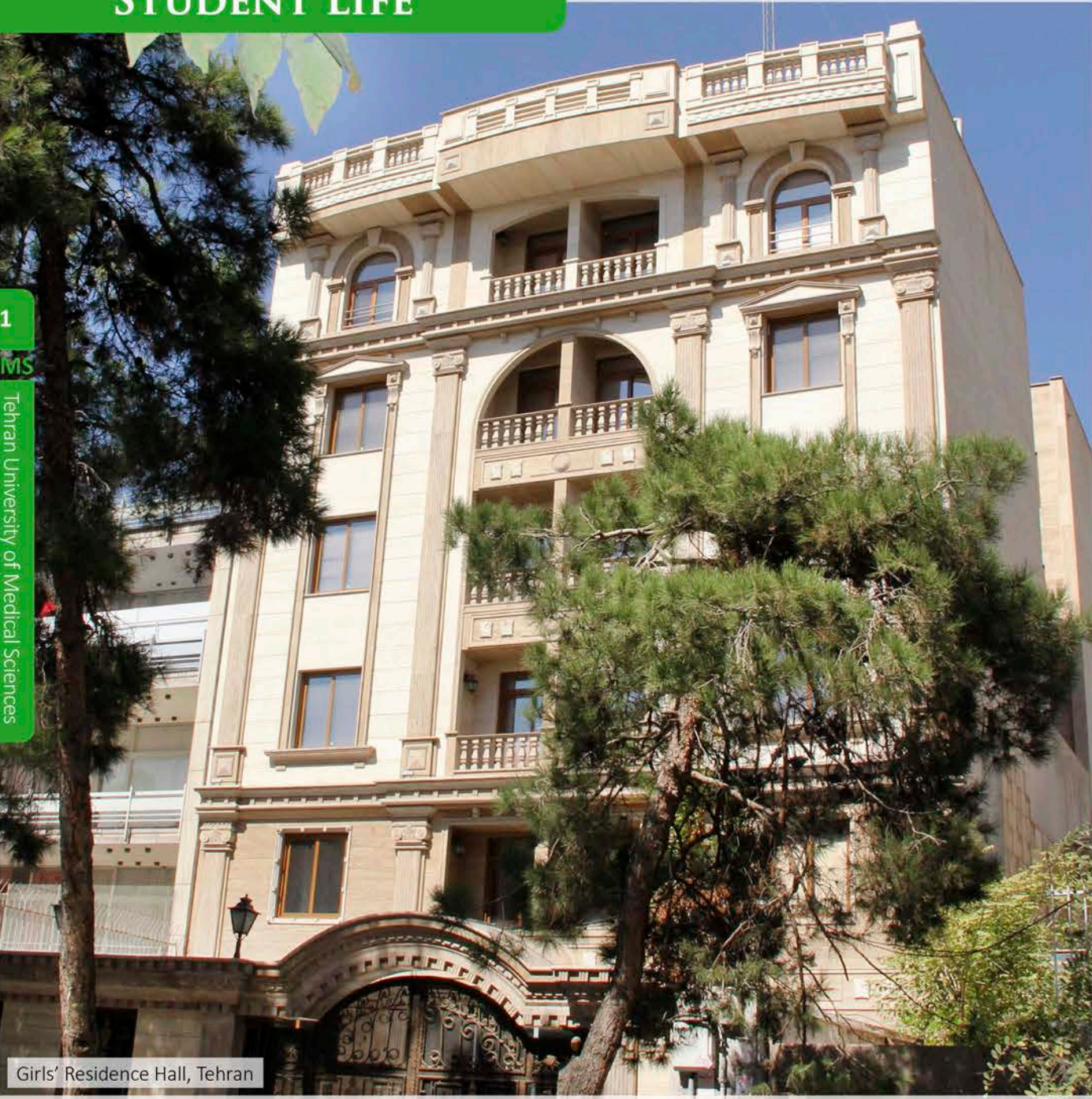
Access to the internet is provided via hard-wired data ports as well as wireless systems. Each apartment kitchen is equipped with a microwave oven, a fridge and a washing machine. An ironing board shared among the residents of the flat is also available. Maintenance of the building is provided by trained 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 lounge to be used by TUMS international students.

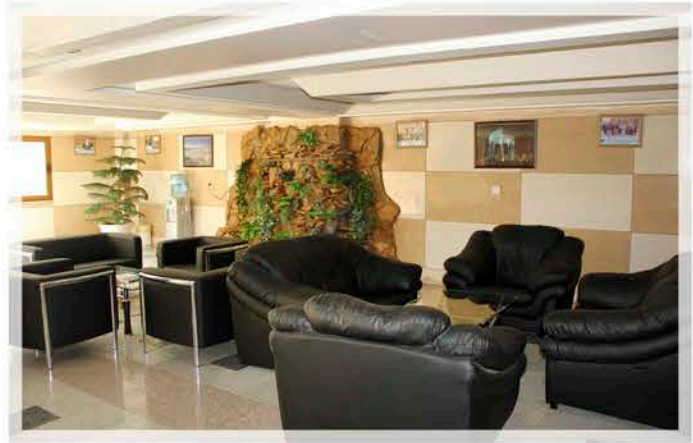
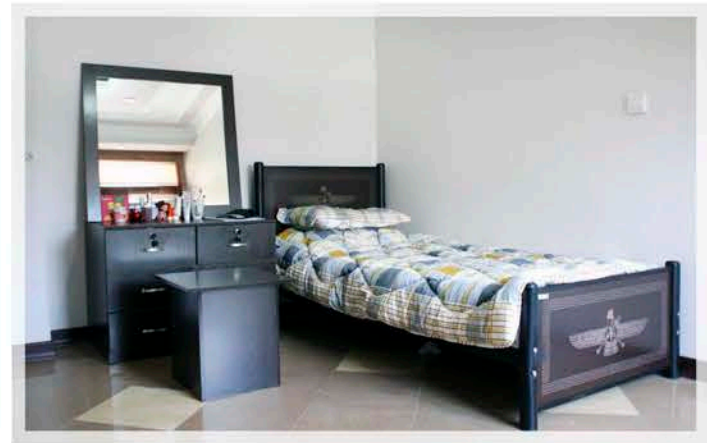
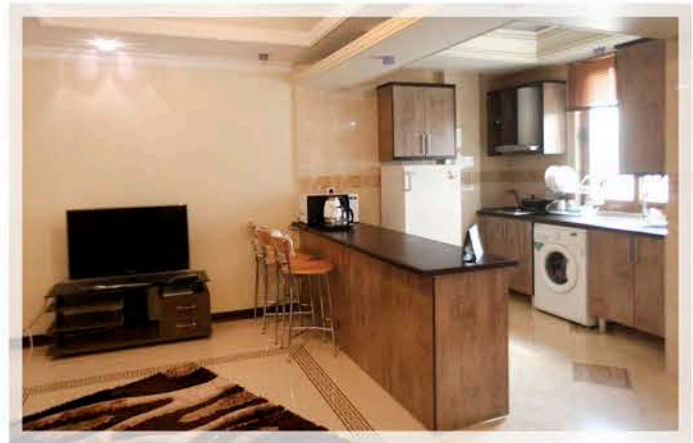


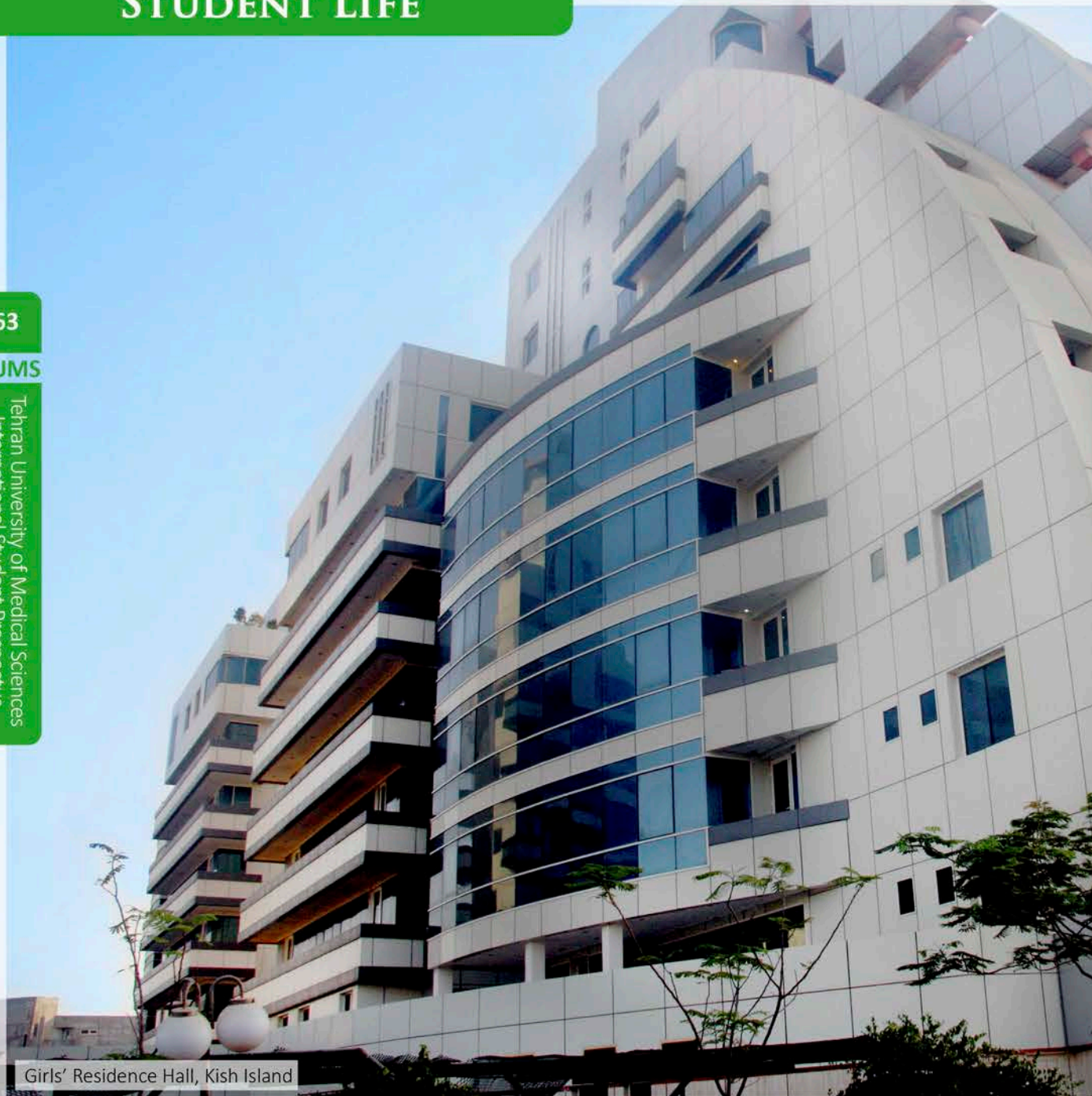
Boys' Residence Hall, Tehran



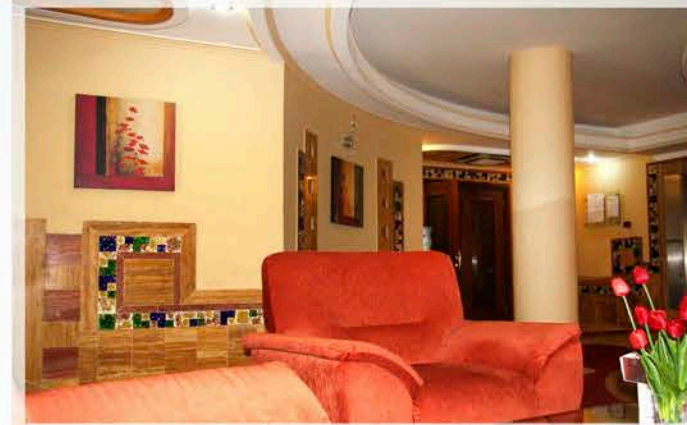
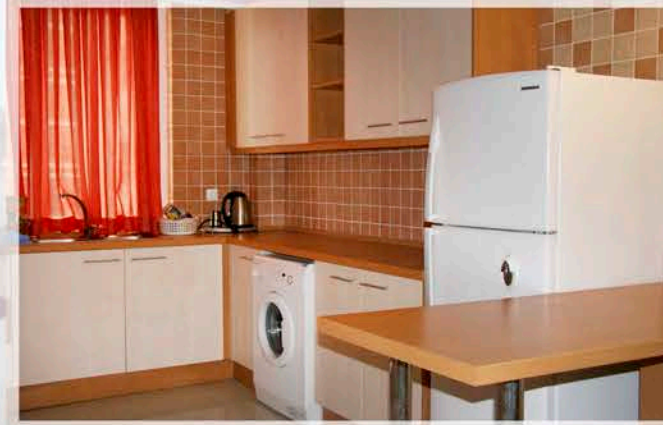


Girls' Residence Hall, Tehran





Girls' Residence Hall, Kish Island



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 enforcement 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 Options

Most shops in Iran sell a range of breads, 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. You will have a lot of options in Tehran when it comes to food and eating.

## 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 the appearance and manner of 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 practice 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 Islamic dress code is necessary while in Iran:

- o Women's hair must be covered with an appropriate scarf or covering while in public.
- o Body should be covered with loose clothes.
- o Arms should not be bare, and legs should be covered down to ankles.

Any clothing, jewelry, or accessories that may be considered obscene or offensive cannot be worn.

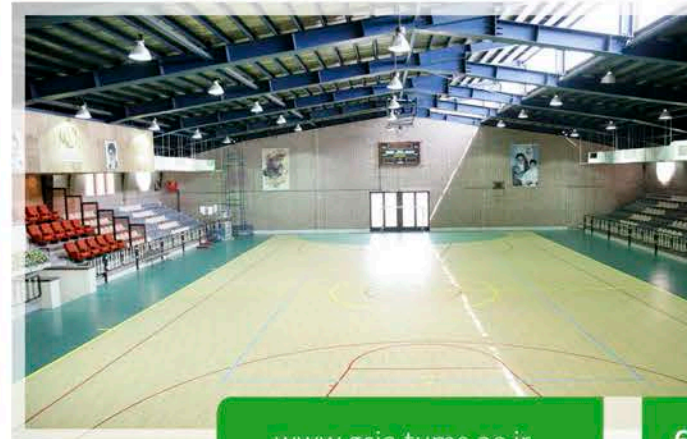
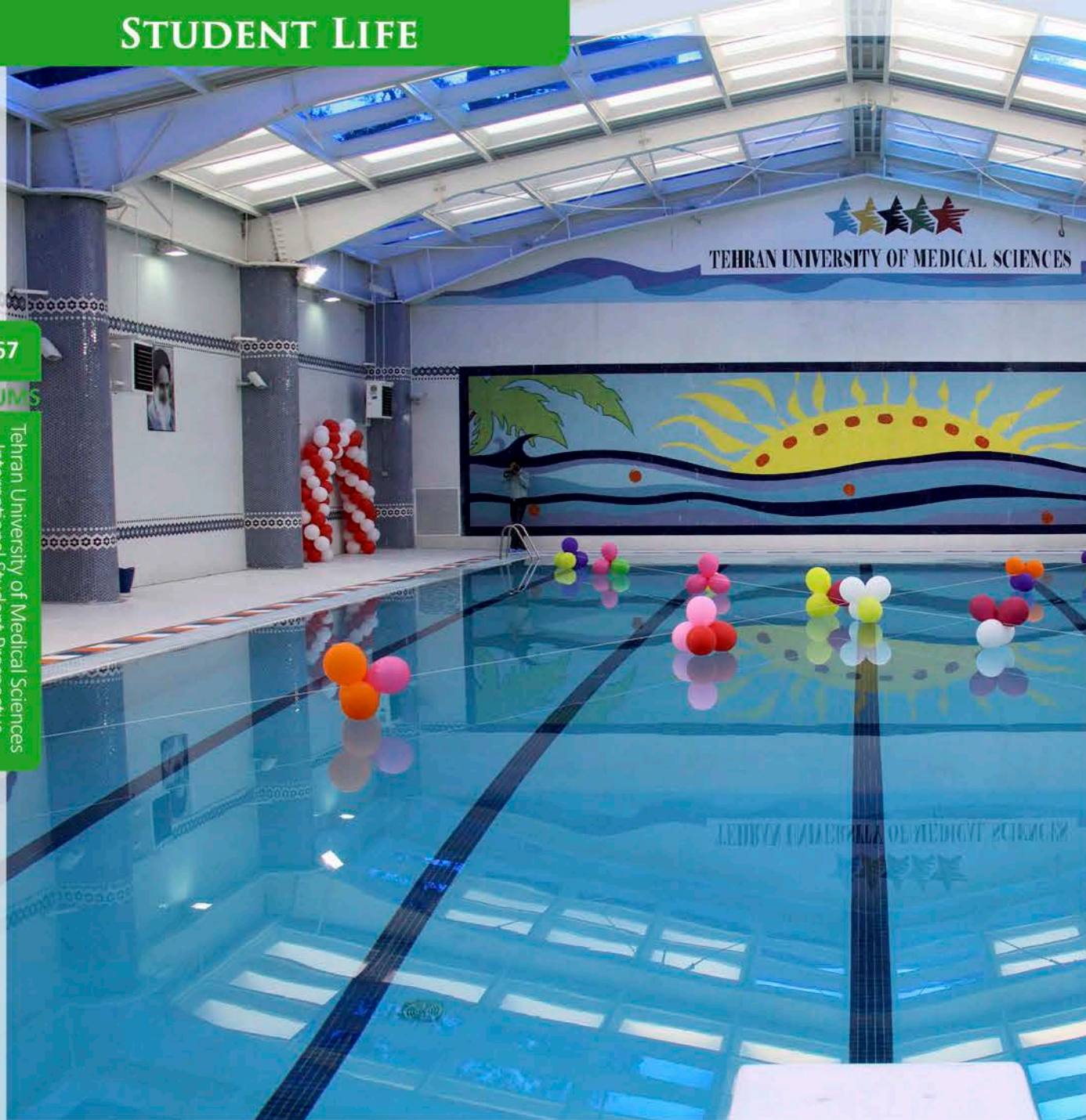
All clothing must be clean and neat and should project a well-groomed appearance.



## Insurance and Immunizations

Students' immunizations information is collected for emergency situations while observing 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.





## 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 exercise at TUMS. All international students will receive a sports insurance.

Each year, in order to keep the sports spirit fresh among students, different student sports olympiads and competitions are held among TUMS schools and campuses as well as 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 in Tehran. There are facilities available close to your dormitories which will provide money exchange services.

500,000 Rials=  
50,000 Tomans



100,000 Rials=  
10,000 Tomans



50,000 Rials=  
5,000 Tomans



20,000 Rials=  
2,000 Tomans



10,000 Rials=  
1,000 Tomans



5,000 Rials=  
500 Tomans



5,000 Rials=  
500 Tomans



2,000 Rials=  
200 Tomans







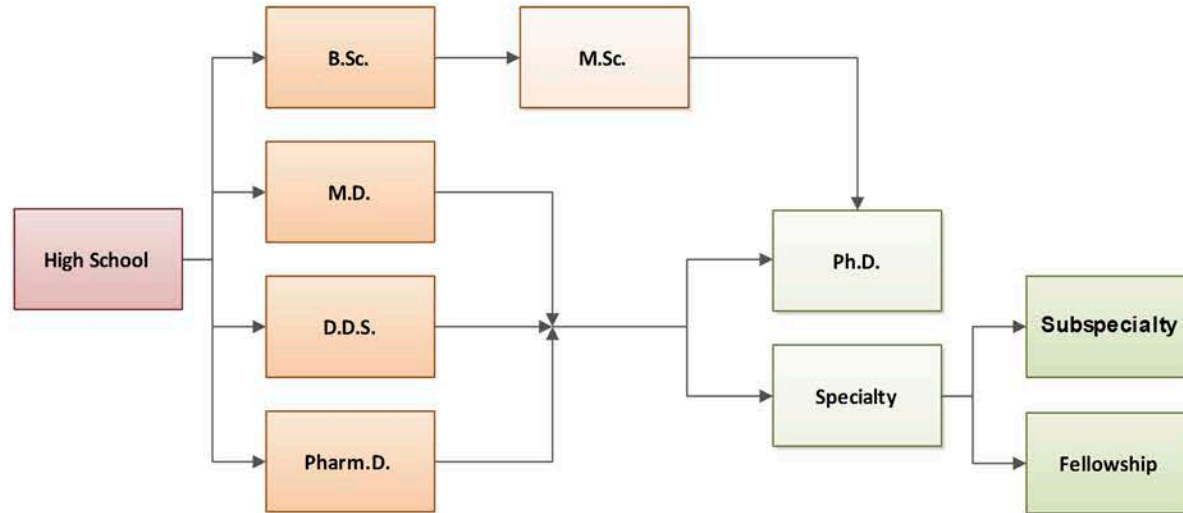
## Admissions

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 Admissions

We greatly appreciate your interest in pursuing your studies at Tehran University of Medical Sciences (TUMS). The Office of 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.

## The Educational System in Iran



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

**Graduate Applicants:** A graduate applicant is a student who has already completed and obtained the first-level university degree and wishes to pursue his or her education beyond that (M.Sc., Ph.D., Specialty, Subspecialty, Post Doctoral, 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 begins in September, and the Spring semester starts in late January, but please note that:

- M.D., D.D.S., and Pharm. D. programs start in January each year.
- The admission procedure takes at least 3 months.
- The process of getting visa itself lasts at least 6 to 8 weeks. Therefore, applying 6 months before your intended studying semester seems reasonable.

M.D. & D.D.S. applicants should note that the language of instruction and interaction with patients is Persian/Farsi. Learning Persian takes 1 to 3 semesters, depending on your readiness and knowledge of the Persian language. TUMS will make the arrangements for Persian classes when you register at TUMS.

### Who Can Apply?

No Iranian; Please note that no one with an Iranian passport can apply.

Iranian Applicants with dual citizenships (an Iranian passport plus another passport) cannot apply either.

Iranian applicants need to take the Nationwide Entrance Exam, also known as Konkoor Exam, 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)
- Proficiency in English: Acceptable TOEFL or IELTS score (IELTS score of 5.5 or equivalent TOEFL score is required upon graduation)

Affidavit of English Proficiency Form is also available in pdf format on our website for easy download. Students who have extensive knowledge of English or have completed previous studies in English and have not yet taken the IELTS or the TOEFL exam can upload the completed form as part of their TUMS application.

- 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
- Academic accomplishments in light of the applicant's life experience and special circumstances

## Tuition Fees and Financial Support

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 announced funding/scholarship opportunities are encouraged to include their request and the reason why they should be awarded a scholarship in their letter of motivation.

### A: Tuition Fees and Other Yearly Expenses

The tuition fee listed below will apply to the 2014-2015 academic year. The tuition is in U.S. dollars and is for one academic year. Applicants who are accepted at TUMS will be informed of their tuition fee in their admission package which will be emailed to them. Students will pay their one-year tuition fee as well as their other yearly expenses in full at the time of registration:

	School	Degree offered	Tuition (\$) / yr	Duration
Undergraduate Programs	Medicine	Doctor of Medicine or M.D.	7,000	7 yrs
	Dentistry	Doctor of Dental Surgery or D.D.S.	7,500	6 yrs
	Pharmacy	Doctor in Pharmacy or Pharm. D.	6,500	6-7 yrs
		Bachelor's Programs	3,000	4 yrs

	Level	Tuition (\$) / yr	Duration
Graduate Programs	Master's (M.Sc./ M.P.H.) programs	3,000	2-3 yrs
	Ph.D. Program	5,000	3-5 yrs
	Specialty	5,000	3-5 yrs
	Fellowship	5,000	Determined by Department
	Subspecialty	5,000	2-3 yrs

### B: Funding/Scholarship

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

**Type B:** A tuition-waver scholarship plus free-of-charge visa affair & registration, free first transport from airport in Tehran, free accommodation, free health insurance, free-of-charge Persian language classes, as well as a partial meal plan.

**Type C:** All above mentioned facilities except for tuition-waver scholarship.

Other Expenses per Year	U.S. Dollar
Visa & Registration	50
First transport from airport in Tehran	57
Accommodation	3650
Insurance	152
Persian Language Classes	734
<b>Total</b>	<b>4643</b>

- This year, no Type A scholarship is offered.



## How to Apply

All applicants must apply electronically on our website. Please fill in the Online Application Form and upload all the required documents at:

<http://gsia.tums.ac.ir/en/login/menu/4417>.

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

<http://gsia.tums.ac.ir/en/dlc/166/Useful-Information>.

To apply successfully, please follow the below steps:

1. Specify your major, level, and school of interest. Please refer to the list of programs on our website to find out about the school, level, and major of your interest.
2. Prepare your documents before filling the online application form based on your level of interest (B.Sc., M.Sc., Ph.D. etc.)
3. Complete the online application form

Please note that all your documents need to be:

1. In English or Persian:  
For the documents which are not issued/written in English (or Persian), the English/Persian translation that is 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 on undergraduate programs offered by TUMS, please visit our website:

<http://gsia.tums.ac.ir/en/page/2305/Undergraduate-Applicants>

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

1. A letter of application or motivation in which you clearly specify your major and level of interest. The guideline on "How to Write a Motivation Letter" is available at:  
<http://gsia.tums.ac.ir/en/page/2290/Guidelines>

2. A Résumé 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/Affidavit of English Ability available at:

<http://gsia.tums.ac.ir/en/dlc/179/Forms>

NOTE: Before graduation from TUMS, a certificate of IELTS with a minimum score of 5.5 or its equivalent is required.

5. Two letters of recommendation
6. A passport-size photograph
7. A copy of passport's main pages

## 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 (M.Sc., Ph.D., Specialty, Subspecialty, Post Doctoral, etc.).

For further information on graduate programs offered by TUMS, please visit our website:

<http://gsia.tums.ac.ir/en/page/2306/Graduate-Applicant>



To apply for the graduate level, filling in the “Online Application Form” and uploading the high-quality scan of the following documents are required:

1. A letter of application or motivation in which you clearly specify your major and level of interest. The guideline on “How to Write a Motivation Letter” is available at:

<http://gsia.tums.ac.ir/en/page/2290/Guidelines>

2. A Résumé 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/ Affidavit of English Ability available at:

<http://gsia.tums.ac.ir/en/dlc/179/Forms>

NOTE: Before graduation from TUMS, a certificate of IELTS with a minimum score of 5.5 or its equivalent is required.

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. We are highly interested in your Letter of Motivation, and we 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
- 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, level, and school 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 at least 1 page long and must be written in English.

### How to write a successful Letter of Motivation:

- Take your time and start early. 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.
  - 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.
- Keep in mind that your Letter of Motivation may be discussed with you during pre-selection interviews.

**Résumé 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 & 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, honors you have received, and the year and semester during which courses were taken.

An official transcript is issued by the school with an original signature, signed, approved, and sealed by your country's Department/Ministry of Foreign Affairs.

**English Proficiency Certificate:** We require an IELTS score of 5.5 (academic module) or its equivalent.

NOTE: Affidavit of English Proficiency Form is available in pdf format for easy download. Students who have extensive knowledge of the English language or have completed previous studies in English and have not yet taken the IELTS or the TOEFL test can upload the completed form as a part of their TUMS application.

**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. TUMS will contact your referees for their recommendation letters via their email addresses. Providing academic emails of your referees is highly recommended.

## Guidelines for Photos:

- In color
- Taken in front of a plain white or off-white background
- Taken in full-face view directly facing the camera
- With a neutral facial expression and both eyes open
- 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. However, later, if admitted, you will need it to get your visa. If your passport expires in less than a year, please apply to get a new one immediately to prevent any residency problem during your study in Iran.

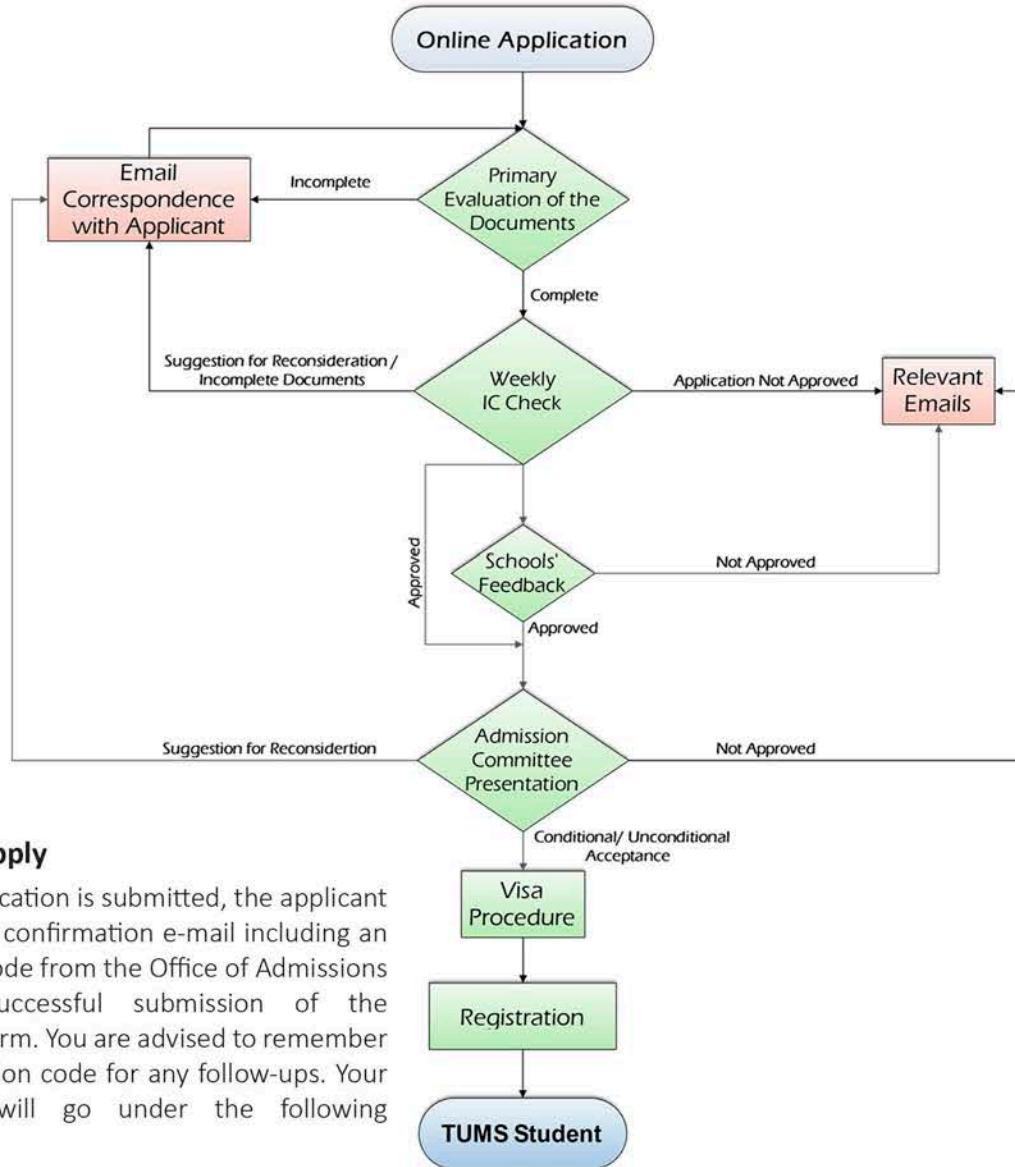
Please note that no one with an Iranian passport can apply. Iranian Applicants with dual citizenships cannot apply either.

To apply online, please follow the link below:

<http://gsia.tums.ac.ir/en/form/4417/Apply-to-TUMS>



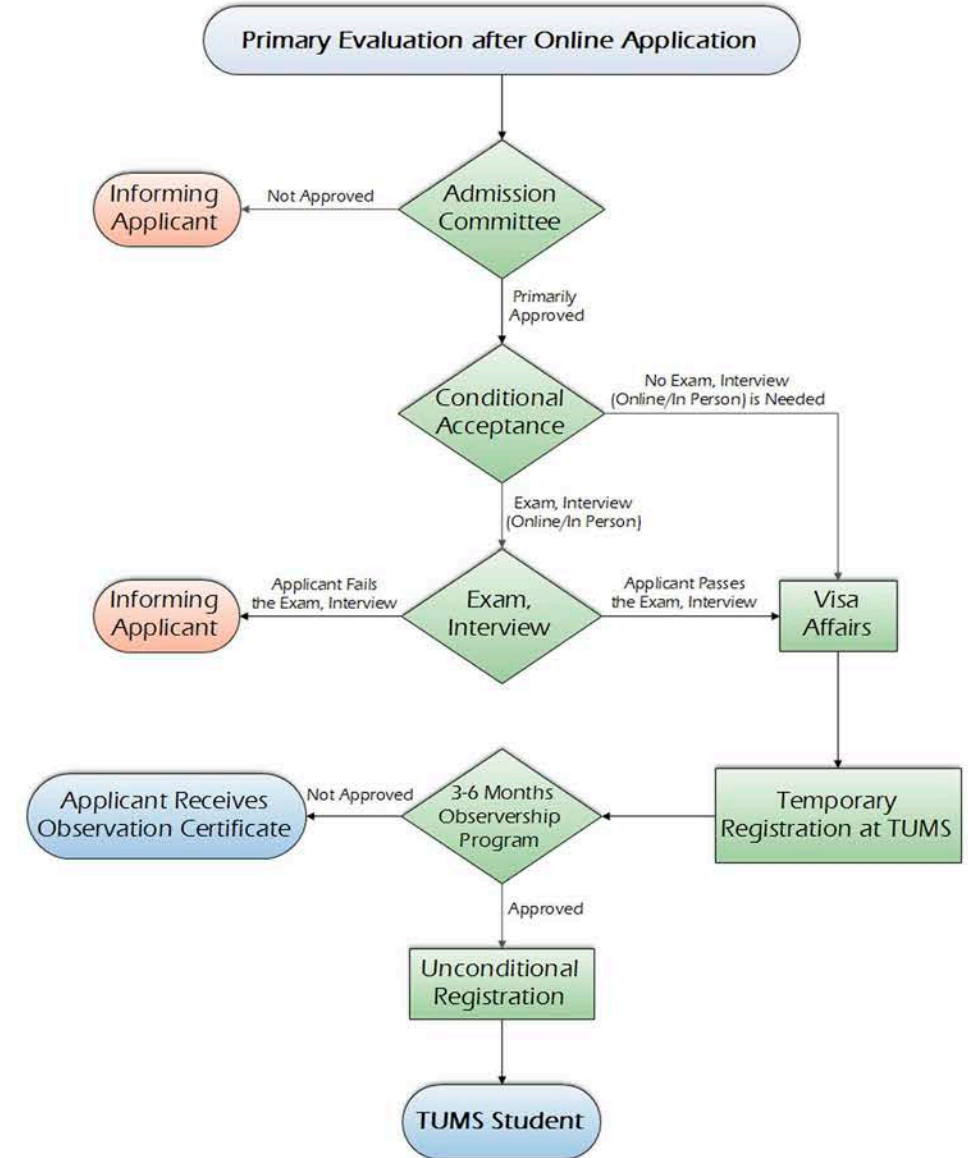
## International Students Admission Procedure



### After You Apply

After an application is submitted, the applicant will receive a confirmation e-mail including an application code from the Office of Admissions indicating successful submission of the application form. You are advised to remember your application code for any follow-ups. Your application will go under the following procedure:

## TUMS Specialty Programs Admission Flowchart



1- Your documents, after being submitted online, will be carefully reviewed.

If any essential document is missing, our Admissions Department will request it via your email and mark your application as “incomplete” until we receive the requested information. As long as there are missing documents, your application procedure will be paused. Indeed, application procedure restarts right after you submit the missing documents.

If the submitted documents are complete, you will receive an email to assure you of your complete documents in 20 to 25 days after your application submission.

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

3- Applications which are accepted by the related 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. 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 the Admissions Office in order for us to process your entry visa.

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

All international students are required to obtain a student visa from the Iranian Consulate/Embassy in their home country 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. In addition, all international students will obtain a one-year student residence permit after arriving in Iran.

At TUMS, we will assist you in obtaining your visa after you are admitted.

## Visa Procedure

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

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

\*: TUMS Directorate of International Affairs and Development





## Arrival and Registration

On your arrival to Iran, we will pick you up from the airport 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:

- Passport in original + 2 photocopies of main pages;
- 15 photos (3cm × 4cm);
- The previous degree(s) in original, 2 photocopies of the degree(s), and the Official Transcript(s)

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

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 which is approved by a notary public should also be attached to the original document.



## 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. Next working day, you will be accompanied to TUMS Admissions Office 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 arrival in Tehran, a TUMS representative will accompany you to register at Dekhoda Institute for Persian classes; TUMS covers the charge of these classes for international students.

## 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. Office of Admissions will assist interested students for opening a bank account in Iran as well as processing their Student Health Insurances. Students will also receive information on how to enter and complete the Health Screening Program (HSP).





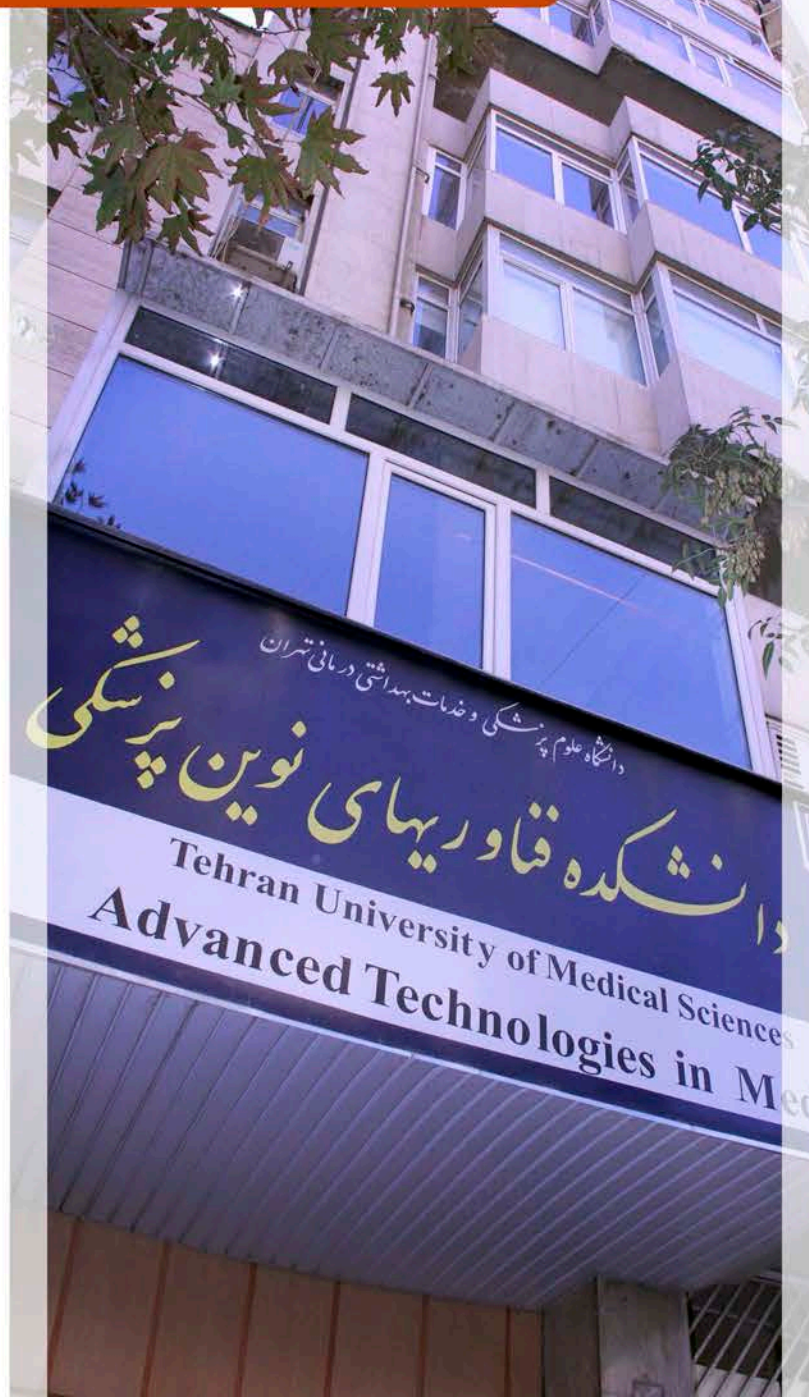
## Schools

Tehran University of Medical Sciences (TUMS), founded in 1934 and accredited with Premier Status by the Accreditation Service for International Colleges (ASIC), is the oldest and the 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**

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 is looking forward to establishing mutually interested collaborations with well-known academics and research centers throughout the world.

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



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

Department	Major	M.Sc.	Ph.D.	Post-Doc	Short-Term Courses
Neuroscience and Addiction Studies	Neuroscience	-	*	*	-
	Addiction Studies	-	*	*	*
Medical Nanotechnology	Medical Nanotechnology	*	*	-	-
Molecular Medicine	Molecular Medicine	-	*	-	-
Tissue Engineering	Tissue Engineering	-	*	*	*
Applied Cell Sciences	Applied Cell Sciences	-	*	-	-
Medical Biotechnology	Medical Biotechnology	*	*	*	-

**Department of Medical Nanotechnology**

- Dr. S. M. Rezayat, Professor
- Dr. G. R. Pourmand, Professor
- Dr. B. Bolori, Assistant Professor
- Dr. R. Saber, Assistant Professor
- Dr. SH. Kharrazi, Assistant Professor

- Dr. M. Bayati, Assistant Professor
- Dr. M. Khosravani, Assistant Professor
- Dr. H. Ghanbari, Assistant Professor
- Dr. A. Amani, Assistant Professor
- Dr. R. Faridi, Assistant Professor
- Dr. S. Sarkar, Assistant Professor

Contact Person  
 Dr. S. M. Rezayat  
[rezayat@tums.ac.ir](mailto:rezayat@tums.ac.ir)

**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. Amazlomi, Associate Professor

**Counseling and Services**

- Biotech Laboratory setup and standardization and regulatory issues for official inquiries
- Development of cellular or animal models 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. G. H. Ghahremani, Assistant Professor  
 Dr. P. Pasalar, Assistant Professor  
 Dr. Z. Majd, Assistant Professor

**Contact Person**

Dr. G. H. Ghahremani  
 E-mail: [mhghahremani@tums.ac.ir](mailto:mhghahremani@tums.ac.ir)

**Research Interests**

- Antibodies Engineering R & D
- Targeted Drug Delivery
- Biomarkers, Biosensors
- Therapeutic & Diagnostic Small Molecules
- Vaccine Research

**Associated Laboratories**

- Molecular Mycology Laboratory, School of Public Health
- Core Facility, TUMS
- Quality Control Laboratory, School of Public Health

**Contact Person**

Dr. M. R. Khorramizadeh  
 E-mail: [khoramza@tums.ac.ir](mailto:khoramza@tums.ac.ir)

**Department of Applied Cell Sciences**

Dr. A. Samadi Kouchak Saraei, Associate Professor  
 Dr. A. A. Hamidieh, Associate Professor  
 Dr. J. Verdi, Associate Professor

**Contact Person**

Dr. J. Verdi  
 E-mail: [j\\_verdi@tums.ac.ir](mailto:j_verdi@tums.ac.ir)

**Department of Tissue Engineering**

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

**Contact Person**

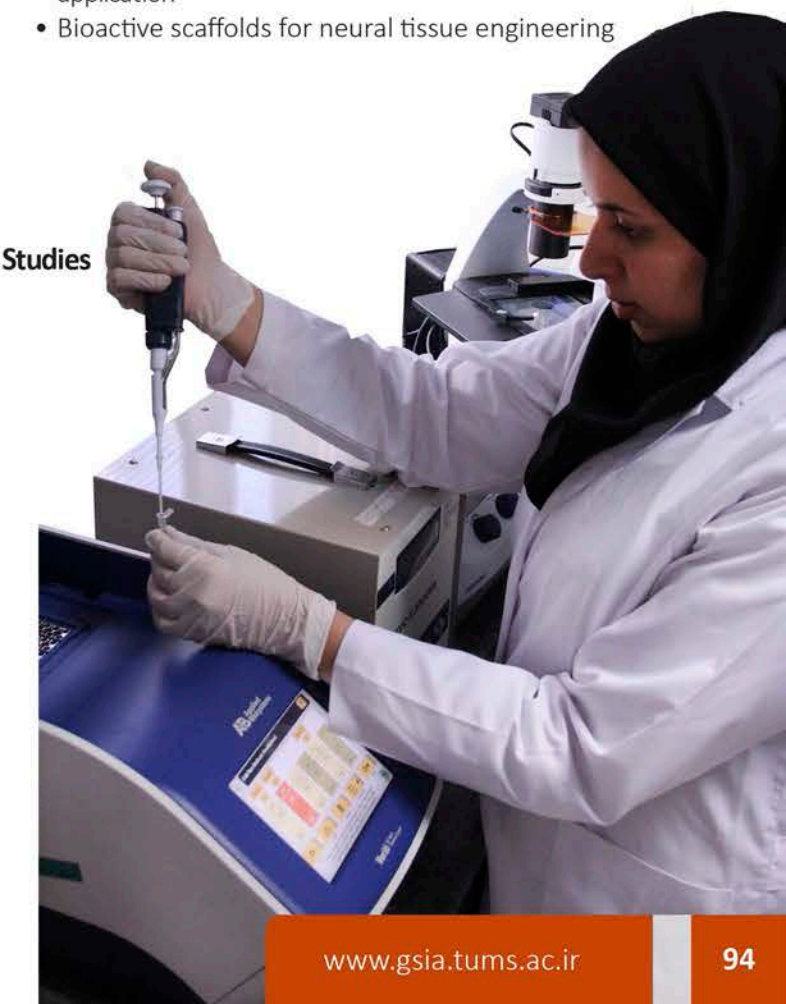
Dr. J. Aye  
 E-mail: [Jafar\\_ai@tums.ac.ir](mailto:Jafar_ai@tums.ac.ir)

**Department of Neurosciences and Addiction Studies**

Dr. M. R. Zarrindast, Professor  
 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



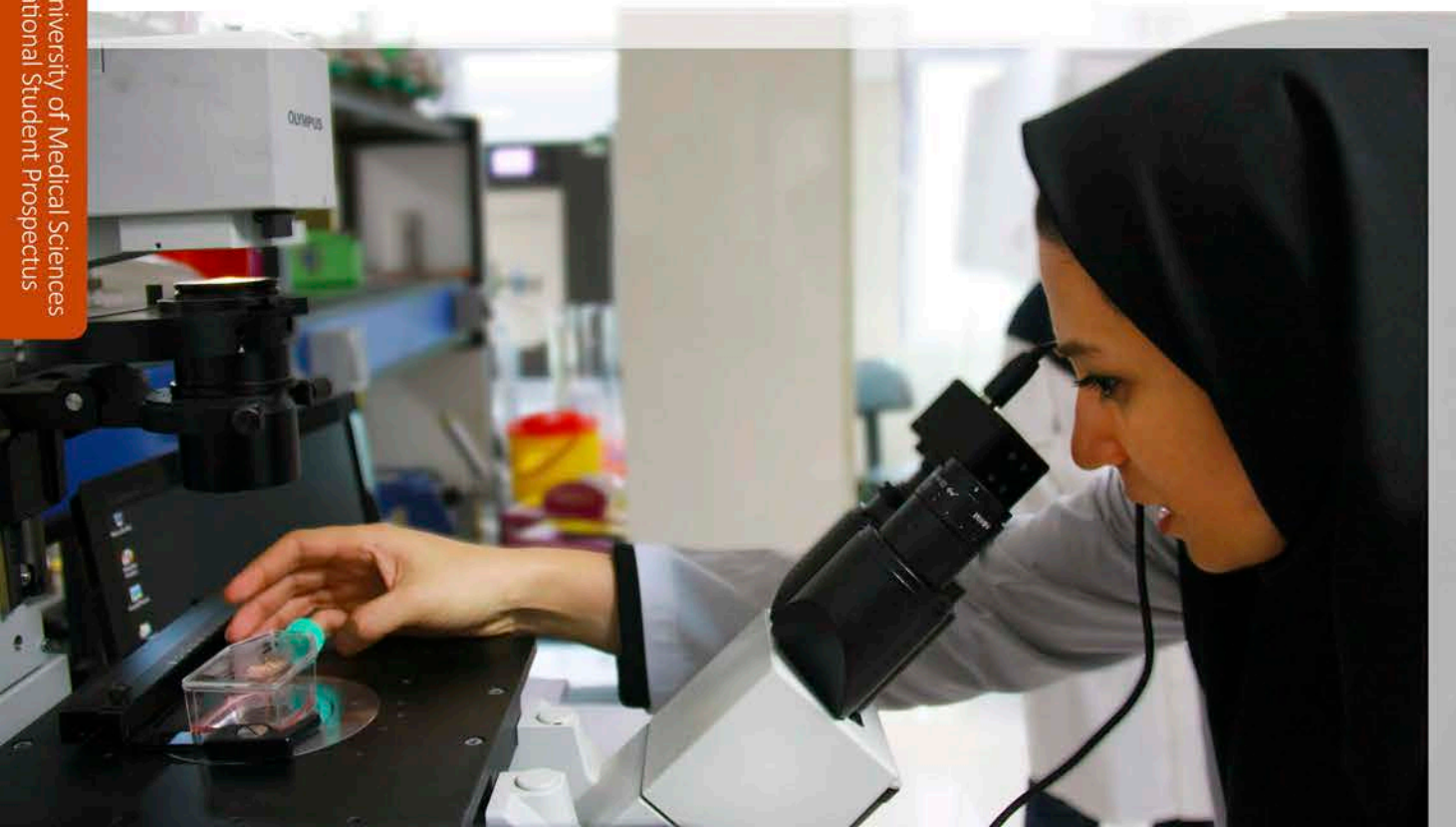
## School of Allied Medical Sciences

As a result of the increasing interest and the national need in related health services, the School of Allied Medical Sciences was established in 1990 and has been expanded as a graduate school with several departments, and it has been assigned to train experts in different fields at B.Sc., M.Sc. and Ph.D. levels. We believe that in the field of biomedical sciences, there's 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 because of being first in innovation, and the best in administrative innovation, publishing scientific research journal, developing postgraduate courses, having clinical and information skills centers, having equipped research centers (Health Information Management Research Center, Research Center for Zoonotic Diseases, and Central Research Laboratory), and having scientific collaboration with eight other research centers in the country.

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

Department	Major	B.Sc.	M.Sc.	Ph.D.	Training Programs
Medical Biotechnology	Medical Biotechnology	-	*	-	-
Hematology & Blood Transfusion	Hematology & Blood Transfusion	-	*	*	-
Librarianship & Medical Information	Librarianship & Medical Information	-	*	*	*
Healthcare Management	Healthcare Management	*	-	-	*
Medical Laboratory Sciences	Medical Laboratory Sciences	*	-	-	-
Basic Sciences	-	-	-	-	-
Anastasia Technology	Anastasia Technology	*	-	-	-
Operating Room	Operating Room	*	-	-	-
Medical Informatics	Medical Informatics	-	*	*	-
Medical Emergencies	Medical Emergencies	*	-	-	-
Health Information Management	Health Information Management	-	-	*	-
	Health Information Technology (HIT)	*	*	-	*
	Medical Records	*	-	-	-
Radiology and Radiotherapy	Radiobiological Studies & Radiation Protection	-	*	-	-
	Radiotherapy Technology	*	-	-	-
	Radiology Technology	*	-	-	*
	Unclear Medical Technology	*	-	-	-





## Dean

Hossein Dargahi  
Ph.D. in Healthcare Management, Professor  
E-mail: [hdargahi@tums.ac.ir](mailto:hdargahi@tums.ac.ir)  
Tel: (98 21) 86 70 46 17



## Vice-Dean for Educational Affairs

Monireh Rahimkhani  
Ph.D. in Medical Bacteriology, Associate Professor  
E-mail: [rahimkhani@tums.ac.ir](mailto:rahimkhani@tums.ac.ir)  
Tel: (98 21) 86 70 46 17



## Vice-Dean for Research Affairs

Reza Safdari  
Ph.D. in Health Information Management, Associate Professor  
E-mail: [rsafdari@tums.ac.ir](mailto:rsafdari@tums.ac.ir)  
Tel: (98 21) 86 70 46 17



## Vice-Dean for Student & Cultural Affairs

Shaban Alizadeh  
Ph.D. in Hematology & Blood Transfusion, Assistant Professor  
E-mail: [alizadeh1982@gmail.com](mailto:alizadeh1982@gmail.com)  
Tel: (98 21) 86 70 46 17



## Vice-Dean for International Affairs

Mohammad Kazem Sharifi Yazdi  
Ph.D. in Microbiology, Professor  
E-mail: [sharifi@tums.ac.ir](mailto:sharifi@tums.ac.ir)  
Tel: (98 21) 86 70 47 77



## Director of Post Graduate Office

Nahid Einollahi  
Ph.D. in Biochemistry, Associate Professor  
E-mail: [einolahn@tums.ac.ir](mailto:einolahn@tums.ac.ir)  
Tel: (98 21) 86 70 47 29

## 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

### Faculty Members

Mostafa Rezaeian, Ph.D. in Medical Parasitology  
Professor, Head of Department  
Tel: (98 21) 88 95 13 92  
Fax: (98 21) 88 95 13 92  
E-mail: [rezaian@tums.ac.ir](mailto:rezaian@tums.ac.ir)

Mohammad Kazem Sharifi Yazdi, Ph.D. in Microbiology  
Professor  
Tel: (98 21) 86 70 47 77  
E-mail: [sharifi@tums.ac.ir](mailto:sharifi@tums.ac.ir)

Nahid Einollahi, Ph.D. in Biochemistry  
Associate Professor  
Tel: (98 21) 86 70 47 29  
E-mail: [einolahn@tums.ac.ir](mailto:einolahn@tums.ac.ir)

Monireh Rahimkhani, Ph.D. in Medical Bacteriology  
Associate Professor  
Tel: (98 21) 86 70 47 11  
E-mail: [mrahimkhani@tums.ac.ir](mailto:mrahimkhani@tums.ac.ir)

Dr. Nasrin Dashti, Ph.D. in Clinical Biochemistry  
Assistant Professor  
Tel: (98 21) 86 70 46 44  
E-mail: [dashti@tums.ac.ir](mailto:dashti@tums.ac.ir)

Fariba Nabatchian, Ph.D. in Clinical Biochemistry  
Assistant Professor  
Tel: (98 21) 86 70 46 48  
E-mail: [fnabatchian@tums.ac.ir](mailto:fnabatchian@tums.ac.ir)

Azin Noruzi, Ph.D. in Clinical Biochemistry  
Assistant Professor

Alireza Monadi Sefidan, Ph.D. in Microbiology  
Assistant Professor  
Tel: (98 21) 86 70 47 78

Mitra Zare Bavani, Ph.D. in Medical Parasitology  
Assistant Professor  
Tel: (98 21) 86 70 46 45  
E-mail: [zarebara@tums.ac.ir](mailto:zarebara@tums.ac.ir)

Samira Rajae, Ph.D. in Medical Immunology  
Assistant Professor  
Tel: (98 21) 86 70 47 06  
E-mail: [samirajaaei@yahoo.com](mailto:samirajaaei@yahoo.com)

Hamid Choubineh, DVM, MPH  
Instructor  
Tel: (98 21) 86 70 47 79  
E-mail: [hchobineh@yahoo.com](mailto:hchobineh@yahoo.com)

Yousof Erfani, Ph.D. in Medical Bacteriology  
Instructor  
Tel: (98 21) 86 70 46 55  
E-mail: [yerfani@tums.ac.ir](mailto:yerfani@tums.ac.ir)

Arezoo Jamali, M.Sc. in Medical Immunology  
Chief-Technologist  
Tel: (98 21) 86 70 46 10  
E-mail: [ajamali@tums.ac.ir](mailto:ajamali@tums.ac.ir)

Delaram Dargahi, M.Sc. in Medical Parasitology  
Chief-Technologist  
Tel: (98 21) 86 70 46 24  
E-mail: [dargahidelaram@yahoo.com](mailto:dargahidelaram@yahoo.com)

Mostafa Saberian  
Chief-Technologist  
Tel: (98 21) 86 70 46 46  
E-mail: [m-saberian@farabi.tums.ac.ir](mailto:m-saberian@farabi.tums.ac.ir)

**Department of Health Information Management**

This Department aims to educate specialized individuals at B.Sc., M.Sc., & Ph.D. levels in Health Information Management and Health Information Technology for meeting health centers' needs and to 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**

**Reza Safdari, Ph.D. in Health Information Management**  
Associate Professor, Head of Department  
Tel: (98 21) 86 70 47 11  
Fax: (98 21) 88 62 25 33  
E-mail: [rsafdari@tums.ac.ir](mailto:rsafdari@tums.ac.ir)

**Marjan Ghazi Saeidi, Ph.D. in Health Information Management**  
Assistant Professor  
Tel: (98 21) 86 70 46 52  
E-mail: [ghazisaeedi-ma@yahoo.com](mailto:ghazisaeedi-ma@yahoo.com)

**Ahmadreza Farzaneh Nezhad, M.Sc. in English Language Education**  
Instructor  
Tel: (98 21) 64 05 32 53  
E-mail: [farzana@tums.ac.ir](mailto:farzana@tums.ac.ir)

**Mohamad Jafar Kandi, M.Sc. in English Language Education**  
Assistant Professor  
Tel: (98 21) 64 05 32 53  
E-mail: [kandymoh@tums.ac.ir](mailto:kandymoh@tums.ac.ir)

**Laila Shahmoradi, Ph.D. in Health Information Management**  
Assistant Professor  
Tel: (98 21) 86 70 46 52  
E-mail: [leilashahmoradi1@gmail.com](mailto:leilashahmoradi1@gmail.com)

**Roya Sharifian, MSc. in Biostatistics**  
Instructor  
Tel: (98 21) 86 70 46 56  
E-mail: [rshaeifian@tums.ac.ir](mailto:rshaeifian@tums.ac.ir)

**Abbas Sheikh Taheri, Ph.D. in Health Information Management**  
Assistant Professor  
Tel: (98 21) 86 70 46 52  
E-mail: [a\\_shtaheri@razi.tums.ac.ir](mailto:a_shtaheri@razi.tums.ac.ir)

**Mostafa Langarizadeh, Ph.D. in Medical Informatics**  
Assistant Professor  
Tel: (98 21) 86 70 46 52  
E-mail: [mlangarizadeh@tums.ac.ir](mailto:mlangarizadeh@tums.ac.ir)

**Ahmad Soltani, M.Sc. in Medical Records**  
Instructor  
Tel: (98 21) 86 70 46 26  
E-mail: [ahmadsoltani1351@yahoo.com](mailto:ahmadsoltani1351@yahoo.com)

**Department of Healthcare Management**

This Department aims to train efficient individuals who specialize in healthcare management to meet the society's needs and to enhance the efficacy of various related activities.

**Research Interests**

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

**Faculty Members**

**Hossien Dargahi, Ph.D. in Healthcare Management**  
Professor, Head of Department  
Tel: (98 21) 86 70 46 17  
Fax: (98 21) 88 60 79 63  
E-mail: [hdargahi@tums.ac.ir](mailto:hdargahi@tums.ac.ir)

**Mostafa Rabiyan, M.Sc. in Health Education**  
Instructor  
Tel: (98 21) 86 70 47 74  
E-mail: [rabiyanm@yahoo.com](mailto:rabiyanm@yahoo.com)

**Mohammad Hadi Mousavi, M.Sc. in Healthcare Management**  
Assistant Professor  
Tel: (98 21) 66 70 86 91  
E-mail: [smhmosavi@tums.ac.ir](mailto:smhmosavi@tums.ac.ir)

**Mohammad Ali Abbasi Moghadam, M.Sc. in Healthcare Management**  
Instructor  
Tel: (98 21) 86 70 46 36  
E-mail: [cabbasimo@tums.ac.ir](mailto:cabbasimo@tums.ac.ir)

**Ahmad Fayazbakhsh, Ph.D. in Health Policy**  
Assistant Professor  
Tel: (98 21) 86 70 47 74  
E-mail: [afayaz@gmail.com](mailto:afayaz@gmail.com)

**Hojjat Rahmani, Ph.D. in Healthcare Management**  
Assistant Professor  
Tel: (98 21) 66 581 624  
E-mail: [dr-hojjatrahmani@gmail.com](mailto:dr-hojjatrahmani@gmail.com)

## Department of Hematology and Blood Transfusion

This Department aims to train efficient and specialized individuals for M.Sc. and Ph.D. in practical hematology and blood transfusion to work in 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

**Shaban Alizadeh, Ph.D. in Hematology and Blood Transfusion**  
 Professor, Head of Department  
 Tel: (98 21) 86 70 46 17  
 Fax: (98 21) 88 60 79 63  
 E-mail: [alizadeh1982@gmail.com](mailto:alizadeh1982@gmail.com)

**Fatemeh Nadeali, Ph.D. in Hematology and Blood Transfusion**  
 Associate Professor  
 Tel: (98 21) 86 70 47 02  
 E-mail: [nadalifa@yahoo.com](mailto:nadalifa@yahoo.com)

**Abdolhamid Jahanmehr, Ph.D. in Hematology and Blood Transfusion**  
 Associate Professor  
 Tel: (98 21) 86 70 47 69  
 E-mail: [hajahan@yahoo.com](mailto:hajahan@yahoo.com)

**Azita Moghadam, M.Sc. in Hematology and Blood Transfusion**  
 Instructor  
 Tel: (98 21) 86 70 47 69  
 E-mail: [Azitamo@yahoo.com](mailto: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](mailto:zahra.alizadeh9066@yahoo.com)

## Department of Medical Biotechnology

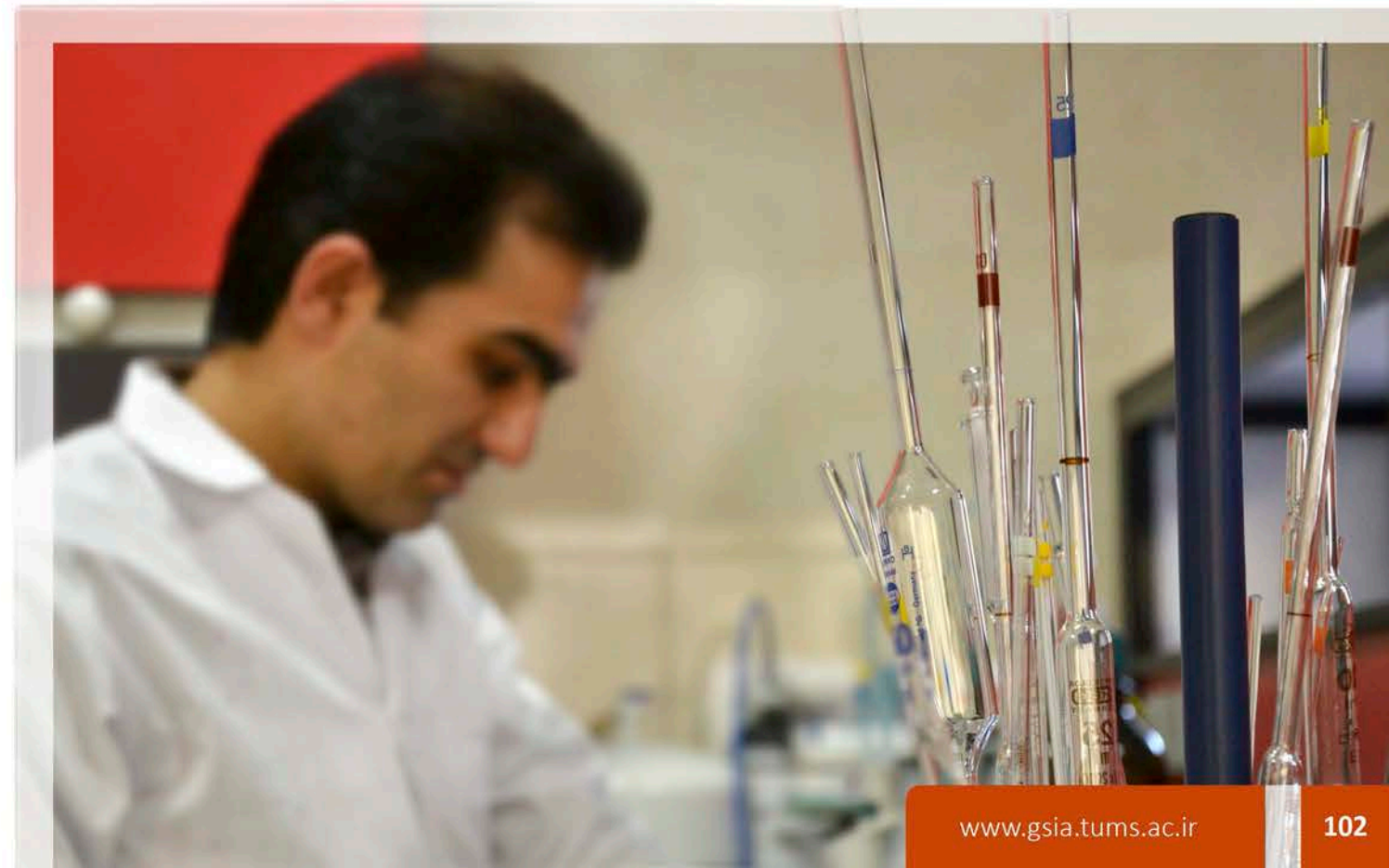
This Department aims to train professional and specialized individuals for working at organizations and companies which produce biotechnological products and conduct related research projects.

### 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](mailto:sakineh4612004@yahoo.com)





## Department of Anesthesia Technology

This Department aims to educate efficient individuals to assist anesthesiologists in the recovery rooms and work under their leadership.

### Research Interests

- Professional Ethics
- Health and Safety
- Medical Equipment

### Faculty Members

**Fariborz Mehrani, M.Sc. in Anesthesiology**

Instructor, Head of Department

Tel: (98 21) 86 70 46 43

Fax: (98 21) 88 60 79 63

E-mail: [fmehrani@tums.ac.ir](mailto:fmehrani@tums.ac.ir)

**Saied Vahedi, Pharm.D.**

Instructor

Tel: (98 21) 86 70 46 43

E-mail: [vahedisaied@yahoo.com](mailto:vahedisaied@yahoo.com)

**Azin Rahimi, Ph.D. in Clinical Language**

Assistant Professor

Tel: (98 21) 64 05 32 53

E-mail: [mmwminds@yahoo.com](mailto:mmwminds@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

**Saied Vahedi, Pharm.D.**

Instructor, Head of Department

Tel: (98 21) 86 70 46 43

E-mail: [vahedisaied@yahoo.com](mailto:vahedisaied@yahoo.com)

**Fariborz Mehrani, M.Sc. in Anesthesiology**

Instructor

Tel: (98 21) 86 70 46 43

Fax: (98 21) 88 60 79 63

E-mail: [fmehrani@tums.ac.ir](mailto:fmehrani@tums.ac.ir)

**Azin Rahimi, Ph.D. in Clinical Language**

Assistant Professor

Tel: (98 21) 64 05 32 53

E-mail: [mmwminds@yahoo.com](mailto:mmwminds@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 to organize the sources for user access. In addition, research in this field needs training of the specialized individuals who are able to work in 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**

Assistant Professor, Head of Department

Tel: (98 21) 86 70 46 58

Fax: (98 21) 88 62 25 93

E-mail: [ghazimsj@tums.ac.ir](mailto:ghazimsj@tums.ac.ir)

**Fereydoon Azadeh, Ph.D. in Librarianship Sciences**

Assistant Professor

Tel: (98 21) 86 70 46 35

E-mail: [abourlib@tums.ac.ir](mailto:abourlib@tums.ac.ir)

**Fatemeh Shaikhshoae, Ph.D. in Librarianship Sciences**

M.Sc. in Librarianship & Medical Informatics

Tel: (98 21) 86 70 46 58

E-mail: [fashoaei@razi.tums.ac.ir](mailto:fashoaei@razi.tums.ac.ir)

## 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.

### Faculty Members

Vahid Changizi, Ph.D. in Medical Physics  
Associate Professor, Head of Department  
Tel: (98 21) 86 70 45 32  
Fax: (98 21) 88 60 79 63  
E-mail: [changizi@tums.ac.ir](mailto:changizi@tums.ac.ir)

Khadijeh Asna Ashari, Ph.D. in Medical Physics  
Assistant Professor  
Tel: (98 21) 86 70 45 32  
E-mail: [asnaasharikh@tums.ac.ir](mailto:asnaasharikh@tums.ac.ir)

Elaheh Jazayeri Gharabagh, Ph.D. in Medical Physics  
Instructor  
Tel: (98 21) 86 70 45 32  
E-mail: [egazayeri@tums.ac.ir](mailto:egazayeri@tums.ac.ir)

## 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.

### Faculty Members

Mostafa Langarizadeh, Ph.D. in Medical Informatics  
Assistant Professor, Head of Department  
Tel: (98 21) 86 70 46 52  
Fax: (98 21) 88 62 25 33  
E-mail: [mlangarizadeh@tums.ac.ir](mailto:mlangarizadeh@tums.ac.ir)

Abbas Shaikh Taheri, Ph.D. in Health Information Management  
Assistant Professor  
Tel: (98 21) 86 70 46 52  
E-mail: [a\\_shtaheri@razi.tums.ac.ir](mailto:a_shtaheri@razi.tums.ac.ir)

### Research Interests

- CT
- Quality Control
- Irradiation Safety
- Medical Imaging
- Radiobiology

### Research Interests

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



## School's Journal

### Payavard Salamat Journal

Director General and Editor-in-Chief: Dargahi, H. (Ph.D.)

Tel/Fax: (98 21) 88 60 79 46

E-mail: [salamat@tums.ac.ir](mailto:salamat@tums.ac.ir)

Website: <http://Payavard.tums.ac.ir>



## School's Research Centers

### Central Research Lab

The Central Research Laboratory (CRL) at the School of Allied Medical Sciences has access to state-of-the-art instrumentation, which is essential for a thriving university research program. The CRL 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 at promoting individual as well as joint and multidisciplinary cooperative research.

The CRL 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, the CRL will contribute to excellence in undergraduate teaching by providing students with hands-on learning experience on advanced instrumentations and a head start in scientific research.

The CRL serves research in most disciplines including basic sciences, medicine, health sciences, and food sciences. Growth, upgrading and the addition of new instruments to the CRL will be in line with research needs and trends. The CRL 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 our School, as it will provide our students with hands-on experience and advanced research training.

## Basic Sciences Research Lab

Basic Sciences Research Lab (BSRL) at the School of Allied Medical Sciences of Tehran University of 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 laboratory and clinical infrastructure.

Tehran University of Medical Sciences ranked first in total research expenditures (including the Health Sciences) among all universities and second among Middle East medical universities in 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, Tehran University of Medical Sciences, Deputy of Research Affairs. It undertakes international research in healthcare and health information management and facilitates the dissemination of research in these areas and the topics shared among 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

### Mission

- To undertake high quality research to improve healthcare management and health information management
- To provide a focus for the international dissemination of research in health information management
- To provide high quality research-led education in healthcare management

### Contact Person

#### Vice-Dean for International Affairs

M. K. Sharifi Yazdi, Ph.D. in Microbiology  
 Tel: (98 21) 86 70 47 77  
 Fax: (92 21) 88 60 79 63  
 E-mail: [sharifi@tums.ac.ir](mailto:sharifi@tums.ac.ir)

#### International Relations Office

Elham Haghshenas  
 M.Sc. in Healthcare Management  
 Tel: (92 21) 86 70 46 18  
 Fax: (92 21) 88 60 79 63  
 E-mail: [ehaghshenas@gmail.com](mailto:ehaghshenas@gmail.com)

Farzaneh Vafajoo  
 Tel: (92 21) 86 70 46 24  
 Fax: (92 21) 88 60 79 63  
 E-mail: [vafajoof@yahoo.com](mailto:vafajoof@yahoo.com)



## School of Dentistry

When Dar-ol-Fonon was founded in 1894, dentistry was taught as a sub-branch of medicine at the same school. After establishing Tehran University in 1934, dentistry separated as an independent school. TUMS School of Dentistry is the foremost dental 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. Our 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

E-mail: [bayatm@tums.ac.ir](mailto:bayatm@tums.ac.ir)

Tel: (98 21) 88 01 58 01

Address: School of Dentistry, Tehran University of Medical Sciences,  
North Karegar St., Tehran, Iran.

Postal Code: 14399-55991 P.O. BOX: 14395-433



### 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:

Department	Major	B.Sc.	M.Sc.	Ph.D.	Specialty	Sub-Specialty	Fellowship	Training Programs	Short-Term Courses
Community Oral Health	Community Oral Health	-	*	*	-	-	-	-	-
Dental Biomaterials	Dental Biomaterials	-	*	*	-	-	-	-	-
Dental Laboratory Technology	Prosthetic Technology	*	-	Ph.D. by Research	-	-	-	-	-
Endodontics	Endodontics	-	-	-	*	-	-	-	-
	Microscopic Endodontics	-	-	-	-	-	-	-	*
	Endodontics Surgery	-	-	-	-	-	-	-	*
Dental Implant	Implantology	-	-	-	-	-	-	*	
Laser	Laser	-	-	-	-	-	*	-	-
	Oral and Maxillofacial Medicine	-	-	-	*	-	-	-	-
	Oral Biology	-	-	-	-	-	*	-	-
Oral and Maxillofacial Pathology	Oral and Maxillofacial Pathology	-	-	-	*	-	-	-	-
Oral and Maxillofacial Radiology	Oral and Maxillofacial Radiology	-	-	-	*	-	-	-	-
Oral and Maxillofacial Surgery	Oral and Maxillofacial Surgery	-	-	-	*	-	-	-	-
	Cosmetic Oral and Maxillofacial Surgery	-	-	-	-	-	-	*	-
	Pediatric Craniofacial Surgery	-	-	-	-	-	-	*	-
	Implant Dentistry Oral and Maxillofacial Surgery	-	-	-	-	-	-	*	-
	Oral and Maxillofacial Oncology (Surg.)	-	-	-	-	-	-	*	-
	Trauma (Maxillofacial)	-	-	-	-	-	-	*	-
Orthodontics	Orthodontics	-	-	-	*	-	-	-	
Pediatric Dentistry	Pediatric Dentistry	-	-	-	*	-	-	-	-
	Hospital Dentistry	-	-	-	-	-	*	-	-
Periodontics	Periodontics	-	-	-	*	-	-	-	-
	Implant Dentistry (Periodontics)	-	-	-	-	-	-	*	-
Prosthodontics	Prosthodontics	-	-	-	*	-	-	-	-
	Implant Dentistry (Prosthodontics)	-	-	-	-	-	-	*	-
Restorative Dentistry	Restorative Dentistry	-	-	-	*	-	-	-	





### Department of Community Oral Health

In 2000, the Department of Community Oral Health started its work as a postgraduate discipline in dentistry. The Department of Community Oral Health offers both M.Sc. and Ph.D.

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 (MDPH)

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
- Preventive and non-invasive management of caries

### Faculty Members

**Mohammad Reza Khami, Associate Professor**

Research interests: Dental Education, Smoking Prevention Campaigns

E-mail: [mkhami@tums.ac.ir](mailto:mkhami@tums.ac.ir)

**Ahmad Jafari, Associate Professor**

Research interests: Dental Education, Pediatric Caries Prevention

E-mail: [ajafari@tums.ac.ir](mailto:ajafari@tums.ac.ir)

**Afsaneh Pakdaman, Assistant Professor**

Research interests: Caries Risk Assessment, Dental Education

E-mail: [pakdaman@tums.ac.ir](mailto:pakdaman@tums.ac.ir)

**Simin Z. Mohebbi, Assistant Professor**

Research interests: Early Childhood Caries, Special Care Dentistry

E-mail: [smohebbi@tums.ac.ir](mailto:smohebbi@tums.ac.ir)

**Reza Yazdani, Assistant Professor**

Research interests: Oral Health Promotion for School Children, Ethics and Professionalisms

E-mail: [ryazdani@tums.ac.ir](mailto:ryazdani@tums.ac.ir)

**Hossein Hessari, Assistant Professor**

Research interests: Oral Health Promotion in Adults, Health Care Systems

E-mail: [h-hessari@tums.ac.ir](mailto:h-hessari@tums.ac.ir)

**Katayoun Sargeran, Assistant Professor**

Research interests: Oral Cancer, Geriatric Dentistry

E-mail: [k-sargeran@tums.ac.ir](mailto:k-sargeran@tums.ac.ir)

**Samaneh Razeghi, Assistant Professor**

Research interests: Oral Health Promotion in Children, Dental Trauma

E-mail: [s-razeghi@tums.ac.ir](mailto:s-razeghi@tums.ac.ir)

## 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 home 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 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:

Dr. Marjan Behroozibakhsh

Coordinator of International Affairs, Department of Dental Biomaterials School of Dentistry, Tehran University of Medical Sciences

E-mail: [behroozibakhsh@razi.tums.ac.ir](mailto:behroozibakhsh@razi.tums.ac.ir)

Tel: (98 21) 88 01 59 09

### Faculty Members

Tahereh Sadat Jafarzadeh Kashi, Associate Professor

Research interests: Tissue Engineering, Nanomaterials, Dental Composites

E-mail: [Jafarzat@tums.ac.ir](mailto:Jafarzat@tums.ac.ir)

Tabassom Hooshmand, Associate Professor

Research interests: Silane Coupling Agents, Adhesive Dentistry, Dental Ceramics and regenerative dentistry

E-mail: [hoshmand@tums.ac.ir](mailto:hoshmand@tums.ac.ir)

Sima Shahabi, Associate Professor

Research interests: Laser in Dentistry, Polymer and Composite Scaffolds

E-mail: [shahabis@tums.ac.ir](mailto:shahabis@tums.ac.ir)

Farhad Shafiei, Assistant Professor

Research interests: Dental Alloys, Composites, Enamel Biomineralization

E-mail: [faradent@yahoo.com](mailto:faradent@yahoo.com)

Marjan Behroozibakhsh, Assistant Professor

Research interests: Nanomaterials, Enamel Biomineralization

E-mail: [behroozibakhsh@razi.tums.ac.ir](mailto:behroozibakhsh@razi.tums.ac.ir)

### Department Laboratories

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

- **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:

Dr. Kaveh Oloomi

E-mail: [koloomi@yahoo.com](mailto:koloomi@yahoo.com)

## Faculty members

Dr. Kazem Ashofteh Yazdi, Associate Professor  
<http://www.tums.ac.ir/faculties/ashofteh>

Dr. Mohamadsaeid Sheikhrezaei, Associate Professor  
<http://tums.ac.ir/faculties/sheikhrm>

Dr. Behnam Bolhari, Assistant Professor  
<http://tums.ac.ir/faculties/bolhari>

Dr. Kaveh Oloomi, Assistant Professor  
<http://tums.ac.ir/faculties/koloomi>

Dr. Sedighe Khedmat, Associate Professor  
<http://tums.ac.ir/faculties/khedmats>

Dr. Sholeh Ghabraei, Assistant Professor  
<http://tums.ac.ir/faculties/sh-ghabraei>

Dr. Hasan Razmi, Associate Professor  
<http://tums.ac.ir/faculties/hrazmi>

Dr. Abdollah Ghorbanzadeh, Assistant Professor  
<http://tums.ac.ir/faculties/aghobanzadeh>

Dr. Mohammad Reza Sharifian, Assistant Professor  
<http://tums.ac.ir/faculties/drsharifian>

Dr. Mohammad Hossein Nekoofar, Assistant Professor  
<http://tums.ac.ir/faculties/nekoofar>

Dr. Noushin Shokouhinejad, Associate Professor  
<http://tums.ac.ir/faculties/nshokouhinejad>



### 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 condition of medically compromised patients.

Master of Clinical Dentistry in Oral and Maxillofacial Medicine 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.

#### Faculty Members

Dr. Farzaneh Aghahosein, Professor  
<http://tums.ac.ir/faculties/aghahose>

Dr. Arash Mansourian, Associate Professor  
<http://tums.ac.ir/faculties/amansourian>

Dr. Jalil Momen Beitollahi, Assistant Professor  
<http://tums.ac.ir/faculties/beitollahi>

Dr. Shamsoulmolouk Najafi, Assistant Professor  
[http://tums.ac.ir/faculties/najafi\\_sh](http://tums.ac.ir/faculties/najafi_sh)

Dr. Mahnaz Sahebamee, Professor  
<http://tums.ac.ir/faculties/sahebjam>

Dr. Shiva Shirazizn, Assistant Professor  
<http://tums.ac.ir/faculties/shiraziash>

Dr. Arghavan Tonekaboni  
 Coordinator of International Affairs  
 E-mail: [a.tonkaboni@yahoo.com](mailto:a.tonkaboni@yahoo.com)



### Department of Oral and Maxillofacial Pathology

TUMS 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 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

Dr. Fereshteh Baghaei Naeini, Associate Professor  
<http://tums.ac.ir/faculties/baghaiif>

Dr. Nosratollah Eshghyar, Professor  
<http://tums.ac.ir/faculties/eshghyar>

Dr. Fatemeh Mojgan Ghazi, Assistant Professor  
<http://tums.ac.ir/faculties/ghazim>

Dr. Maryam Khalili, Assistant Professor  
<http://tums.ac.ir/faculties/mkhalili>

Dr. Pouriya Motahari, Assistant Professor  
<http://tums.ac.ir/faculties/pmotahari>

Dr. Sedigheh Rahro Taban, Assistant Professor  
 E-mail: [s-ragrotaban@tums.ac.ir](mailto:s-ragrotaban@tums.ac.ir)



### Department of Oral and Maxillofacial Radiology

Oral and maxillofacial radiology is a branch of dentistry concerned with 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. Shourjeh. 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 diseases and conditions.

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

### Faculty Members

Dr. Hourieh Bashizadeh Fakhar, Assistant Professor  
<http://tums.ac.ir/faculties/bashizad>

Dr. Seyed Ahmad Fatemitabar, Assistant Professor  
<http://tums.ac.ir/faculties/fatemisa>

Dr. Daryoush Goodarzi Pour, Assistant Professor  
<http://tums.ac.ir/faculties/drgoodarzi>

Dr. Yasaman Kheirandish, Assistant Professor  
<http://tums.ac.ir/faculties/kheirandish>

Dr. Mehdi Niknami, Assistant Professor  
[niknami81@yahoo.com](mailto:niknami81@yahoo.com)

Dr. Mehrdad Panjnoush, Assistant Professor  
<http://tums.ac.ir/faculties/panjnosh>



### 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 area of the mouth, jaws, face, skull, as well as associated structures.

TUMS School of Dentistry offers Master of Clinical Dentistry degree 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  
<http://tums.ac.ir/faculties/aj-abbasi>

Dr. Mohammad Bayat, Associate Professor  
<http://tums.ac.ir/faculties/bayatm>

Dr. Ata Garajei, Assistant Professor  
<http://tums.ac.ir/faculties/atagarajei>

Dr. Hamid Mahmood Hashemi, Professor  
<http://tums.ac.ir/faculties/mahmodho>

Dr. Hosein Heydar, Assistant Professor  
<http://tums.ac.ir/faculties/heydar>

Dr. Hasan Hosseini Toodeshki, Associate Professor  
[http://tums.ac.ir/faculties/hoseini\\_h](http://tums.ac.ir/faculties/hoseini_h)

Dr. Abbas Karimi, Assistant Professor  
[http://tums.ac.ir/faculties/karimi\\_a](http://tums.ac.ir/faculties/karimi_a)

Dr. Farnoush Mohammadi, Assistant Professor  
<http://tums.ac.ir/faculties/dfmohammadi>

Dr. Mehrnoosh Momeni Roochi, Assistant Professor  
[http://tums.ac.ir/faculties/momeni\\_m](http://tums.ac.ir/faculties/momeni_m)

Dr. Mohammad Ramezani, Assistant Professor  
<http://tums.ac.ir/faculties/ramezani>

Dr. Gholamreza Shirani, Assistant Professor  
<http://tums.ac.ir/faculties/shirani>

Dr. Seyed Alireza Parhiz, Assistant Professor  
<http://tums.ac.ir/faculties/parhiz>

Dr. Reza Sharifi, Assistant Professor  
Coordinator of International Affairs  
<http://tums.ac.ir/faculties/r-sharifi>

### Department of Orthodontics

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 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

Dr. Mohammadsadegh Ahmadakhondi, Associate Professor  
<http://tums.ac.ir/faculties/ahmadakh>

Dr. Esfandiar Akhavan Niaraki, Professor  
<http://tums.ac.ir/faculties/niaki>

Dr. Javad Chalipa, Assistant Professor  
<http://tums.ac.ir/faculties/chalipa>

Dr. Allahyar Geramy, Professor  
<http://tums.ac.ir/faculties/geramya>

Dr. Tahereh Hosseinzadeh Nik, Associate Professor  
<http://tums.ac.ir/faculties/hoseinit>

Dr. Seyed Mohamad Hashem Hoseini, Assistant Professor  
<http://tums.ac.ir/faculties/hoseinis>

Dr. Seyed Amirhossein Mirhashemi, Assistant Professor  
<http://tums.ac.ir/faculties/mirhashemi>

Dr. Sarvin Samadi, Assistant Professor  
<http://tums.ac.ir/faculties/sarmadi>

Dr. Mohsen Shirazi, Assistant Professor  
<http://tums.ac.ir/faculties/m-shirazi>

Dr. Ahmad Sodagar, Associate Professor  
<http://tums.ac.ir/faculties/sodagara>

## Department of Pediatric Dentistry

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

Dr. Hosein Afshar, Associate Professor  
<http://tums.ac.ir/faculties/afsharho>

Dr. Yahya Baradaran Nakhjavani, Associate Professor  
<http://tums.ac.ir/faculties/ynakhjavani>

Dr. Sara Ghadimi, Assistant Professor  
<http://tums.ac.ir/faculties/sghadimi>

Dr. Mehdi Ghandehari Motlagh, Associate Professor  
<http://tums.ac.ir/faculties/ghandeha>

Dr. Alireza Heidari, Assistant Professor  
<http://tums.ac.ir/faculties/ar-heidari>

Dr. Ghasem Meighani, Assistant Professor  
<http://tums.ac.ir/faculties/mighani>

Dr. Seyed Jalal Pourhashemi, Associate Professor  
<http://tums.ac.ir/faculties/pourhash>

Dr. Bahman Seraj, Assistant Professor  
<http://tums.ac.ir/faculties/serajbah>

Dr. Mahdi Shahrabi, Associate Professor  
<http://tums.ac.ir/faculties/mshahrabi>





## Department of Periodontology

We provide 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.

### Coordinator of International Affairs

Dr. Siamak Yaghobee, Assistant Professor  
<http://tums.ac.ir/faculties/yaghobee>

## Faculty Members

Dr. Zeynab Kadkhoda, Associate Professor  
<http://tums.ac.ir/faculties/zkadhoda>

Dr. Mojgan Paknejad, Associate Professor  
<http://tums.ac.ir/faculties/mpaknejad>

Dr. Afshin Khorsand, Associate Professor  
<http://tums.ac.ir/faculties/khorsand>

Dr. Amir Alireza Rasouli Ghahroudi, Assistant Professor  
[http://tums.ac.ir/faculties/amirali\\_rasouli](http://tums.ac.ir/faculties/amirali_rasouli)

Dr. S. Hossein Mohseni Salehi, Assistant Professor  
<http://tums.ac.ir/faculties/salehimo>

Dr. Amirreza Rokn, Associate Professor  
<http://tums.ac.ir/faculties/roknamir>

Dr. Mahvash Mousavi Jazi, Associate Professor  
[http://tums.ac.ir/faculties/mousavi\\_jazi](http://tums.ac.ir/faculties/mousavi_jazi)

Dr. Yadolah Soleymani Shayesteh, Associate Professor  
<http://tums.ac.ir/faculties/soleimay>

Dr. Neda Moslemi, Assistant Professor  
<http://tums.ac.ir/faculties/nmoslemi>

Dr. Siamak Yaghobee, Assistant Professor  
<http://tums.ac.ir/faculties/yaghobee>



**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 the Department of Prosthodontics 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.

**Faculty Members**

Dr. Marzieh Alikhasi, Associate Professor  
Coordinator of International Affairs  
<http://tums.ac.ir/faculties/malikhasi>

Dr. Abolhasan Abolhasani, Assistant Professor  
<http://tums.ac.ir/faculties/abolhasa>

Dr. Abbas Azari, Assistant Professor  
<http://tums.ac.ir/faculties/azari>

Dr. Mehran Bahrami, Assistant Professor  
<http://tums.ac.ir/faculties/m-bahrami>

Dr. Seyed Masuod Bayanzadeh, Assistant Professor  
<http://tums.ac.ir/faculties/bayanzad>

Dr. Hasan Dorriz, Associate Professor  
<http://tums.ac.ir/faculties/dorriz>

Dr. Akbar Fazel, Associate Professor  
<http://tums.ac.ir/faculties/fazelnaj>

Dr. Farzaneh Farid, Assistant Professor  
<http://tums.ac.ir/faculties/farid>

Dr. Farideh Geramipناه, Associate Professor  
<http://tums.ac.ir/faculties/geramipa>

Dr. Mohammad Reza Haji Mahmoudi, Assistant Professor  
<http://tums.ac.ir/faculties/mahmoudi>

Dr. Habibollah Hajmiragha, Assistant Professor  
<http://tums.ac.ir/faculties/hajmiragha>

Dr. Hamid Jalali, Assistant Professor  
<http://tums.ac.ir/faculties/jalaliha>

Dr. Mahmood Kazemi, Assistant Professor  
<http://tums.ac.ir/faculties/mkazemi>

Dr. Hoseinali Mahgoli, Assistant Professor  
<http://tums.ac.ir/faculties/hmahgoli>

Dr. Maryam Memarian, Associate Professor  
<http://tums.ac.ir/faculties/memarian>

Dr. Susan Mir Mohammad Rezaei, Associate Professor  
<http://tums.ac.ir/faculties/mirmoham>

Dr. Abbas Monzavi, Associate Professor  
<http://tums.ac.ir/faculties/monzavia>

Dr. Sakineh Nikzad Jamnani, Associate Professor  
<http://tums.ac.ir/faculties/snikzad>

Dr. Saeid Nokar, Assistant Professor  
<http://tums.ac.ir/faculties/noukarsa>

Dr. Ghasem Ommati Shabestari, Assistant Professor  
<http://tums.ac.ir/faculties/omatisha>

Dr. Ahmad Rohanian, Associate Professor  
<http://tums.ac.ir/faculties/aroanian>

Dr. Seyed Majid Sahebi, Assistant Professor  
<http://tums.ac.ir/faculties/sahebism>

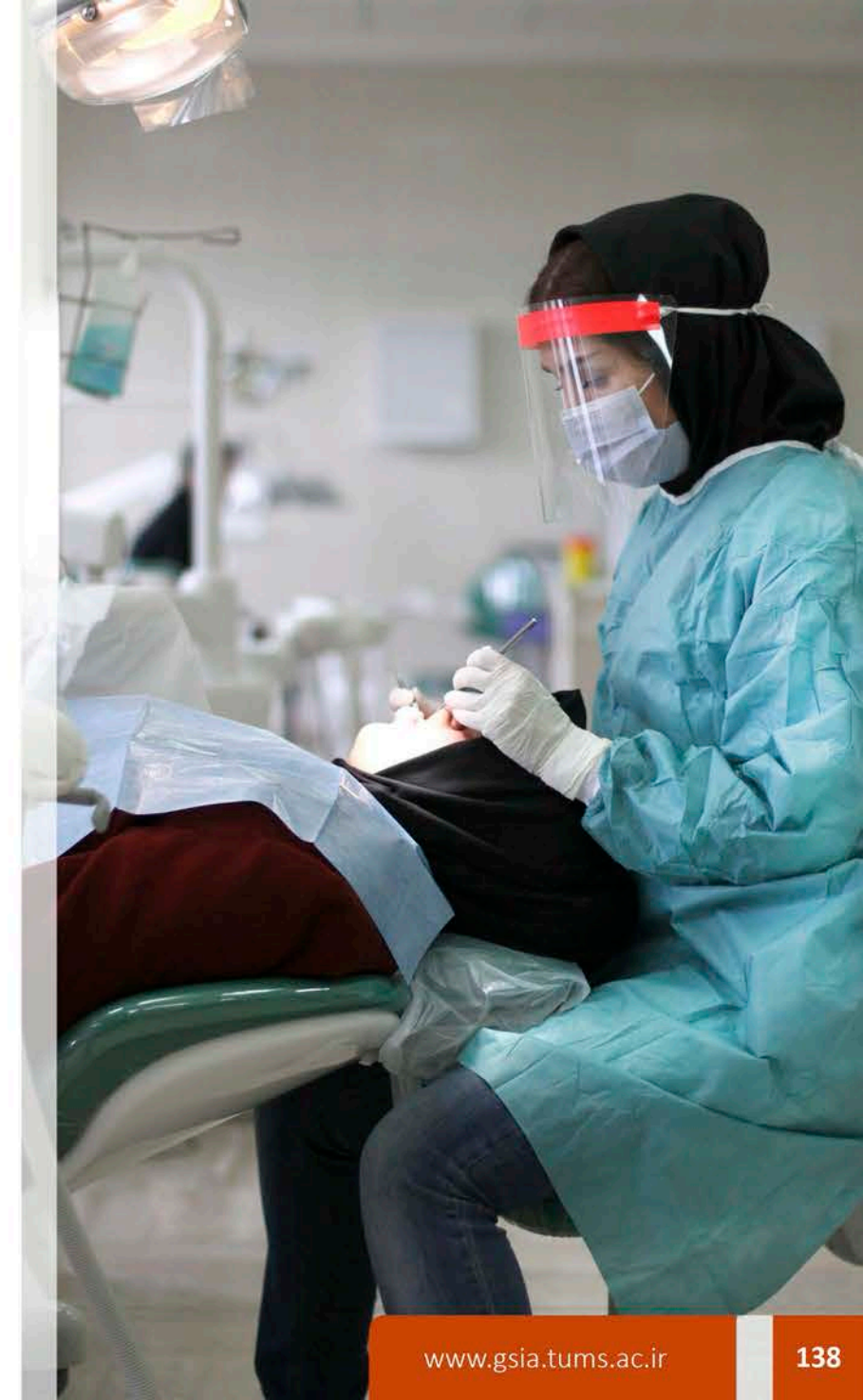
Dr. Fariba Saleh Saber, Associate Professor  
<http://tums.ac.ir/faculties/f-salehsaber>

Dr. Leyla Sadighpour H.K., Associate Professor  
<http://tums.ac.ir/faculties/sedighle>

Dr. Hakimeh Siadat, Associate Professor  
<http://tums.ac.ir/faculties/hsiadat>

Dr. Simindokht Zarati, Assistant Professor  
<http://tums.ac.ir/faculties/zaratisi>

Dr. Somayeh Zeighami, Assistant Professor  
<http://tums.ac.ir/faculties/s-zeighami>



### 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 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.

### Faculty Members

Dr. Mahdi Abbasi, Assistant Professor  
[http://tums.ac.ir/faculties/abbasi\\_m](http://tums.ac.ir/faculties/abbasi_m)

Dr. Sakineh Arami, Assistant Professor  
<http://tums.ac.ir/faculties/aramisak>

Dr. Parisa Golkar, Assistant Professor  
<http://tums.ac.ir/faculties/p-golkar>

Dr. Masoomeh Hasani Tabatabaei, Assistant Professor  
<http://tums.ac.ir/faculties/hasanita>

Dr. Hamid Kermanshah, Assistant Professor  
<http://tums.ac.ir/faculties/kermansh>

Dr. Mansooreh Mirzaei, Assistant Professor  
<http://tums.ac.ir/faculties/mirzaiim>

Dr. Ladan Ranjbar Omrani, Assistant Professor  
<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 Dental Research Center (DRC) of Tehran University of Medical Sciences, which is a dynamic, rapidly growing research center. Based on JDT policy, all submitted manuscripts are initially evaluated in Editorial Board Committee meeting (regularly every week) to find peer reviewers based on the subject of the article. The final decision regarding publication of articles is made in the meetings of Editorial Board Committee, based on input from the reviewers and amendments made by authors.

The main scope of JDT is to publish original basic and clinical studies in the field of dental sciences. 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 audience of this journal. Editorial board of this journal 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 our website: <http://jdt.tums.ac.ir>

### School's Research Centers

Craniomaxillofacial Research Center  
<http://cmfrc.tums.ac.ir/index.php?lang=en>

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/>

### Further information:

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

## School of Medicine

In 1849, the first modern class of medicine at Dar-ol-Fonoon School was founded, and the pioneering graduates started the practice of modern medicine in 1856. In 1918, Dar-ol-Fonoon was renamed to College of Medicine, and in 1934 it turned into the School of Medicine of the University of Tehran.

Now, it has 44 departments (covering basic and clinical sciences). It has an unrivaled number of 1,452 faculty members, and 27 hospitals are affiliated with the School. The School trains around 8,000 students in over 100 postgraduate and medical programs. Currently, the school has more than 100 international students.

The School has comprehensive programs on clinical sciences covering M.D., residency, and fellowship programs. It offers versatile graduate degrees (M.Sc., MPH & Ph.D.) in basic sciences as well. 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 the most challenging clinical scenarios



Fatemeh-Sadat Nayeri, Associate Professor of Pediatrics  
Dean

E-mail: [oir@tums.ac.ir](mailto:oir@tums.ac.ir)

[fnayeri@tums.ac.ir](mailto:fnayeri@tums.ac.ir)

Tel : (98 21) 88 95 30 01

Fax: (98 21) 66 40 43 77

Address: School of Medicine, PourSina St., Tehran,  
1417613151, Iran.

P.O. Box: 4155-6467



## 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

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:

Basic Sciences Departments	Major	B.Sc.	M.Sc.	Ph.D.	Specialty	Sub-Specialty	Fellowship	Training Programs	Short-Term Courses
Biochemistry	Clinical Biochemistry	-	*	*	*	-	-	*	-
Genetics	Human Genetics	-	*	-	-	-	-	-	-
	Medical Genetics	-	-	*	-	-	-	-	-
Immunology & Biology	Medical Immunology	-	*	*	-	-	-	-	-
Medical Ethics	Medical Ethics	-	-	*	-	-	-	-	-
Medical Physics & Biomedical Engineering	Medical Physics	-	*	*	-	-	-	*	*
	Biomedical Engineering	-	*	*	-	-	-	*	*
Microbiology	Microbiology	-	*	-	-	-	-	-	-
	Medical Bacteriology	-	-	*	-	-	-	-	-
Pathology	Anatomic & Clinical Pathology	-	-	-	*	-	-	-	-
	Dermatopathology	-	-	-	-	-	*	-	-

Clinical Departments	Major	B.Sc.	M.Sc.	Ph.D.	Specialty	Sub-Specialty	Fellowship	Training Programs	Short-Term Courses
Dermatology	Dermatology	-	-	-	*	-	*	-	-
Neurology	Neurology	-	-	-	*	-	-	-	-
	Multiple Sclerosis	-	-	-	-	-	*	-	-
Nuclear Medicine	Nuclear Cardiology for Physician	-	-	-	-	-	-	-	*
	Nuclear Cardiology for Technologists	-	-	-	-	-	-	-	*
Obstetrics & Gynecology	Diagnostic Hysteroscopy	-	-	-	-	-	-	-	*
	Operative Hysteroscopy	-	-	-	-	-	-	-	*
	Diagnostic & Operative Laparoscopy	-	-	-	-	-	-	-	*
	Observational IVF, ART	-	-	-	-	-	-	-	*
Ophthalmology	ROP & Pediatric Retina	-	-	-	-	-	*	-	*
	Strabismus	-	-	-	-	-	*	-	*
	Glaucoma	-	-	-	-	-	*	-	*
	Cornea & External Diseases	-	-	-	-	-	*	-	*
	Medical Retina	-	-	-	-	-	*	-	*
	Vitreo-Retinal Surgery	-	-	-	-	-	*	-	*
	Oculoplastics	-	-	-	-	-	*	-	*
Radiotherapy	Cataract Surgery	-	-	-	-	-	*	-	*
	Radiotherapy	-	-	-	*	-	-	*	*
	Radiotherapy Physics	*	*	-	-	-	-	*	*
Rehabilitation	Rehabilitation	-	-	-	-	-	-	-	*
Sports Medicine	Team Physician	-	-	-	-	-	-	-	*



## 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**

Dr. Shahin Akhondzadeh, Ph.D., FBPharmacolS. D.Sc.  
Professor of Clinical Neuroscience

E-mail: [oir@tums.ac.ir](mailto:oir@tums.ac.ir)

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.





## School of Nursing and Midwifery

The 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 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 influence of this school in virtually all national and regional nursing and midwifery events is undeniable.

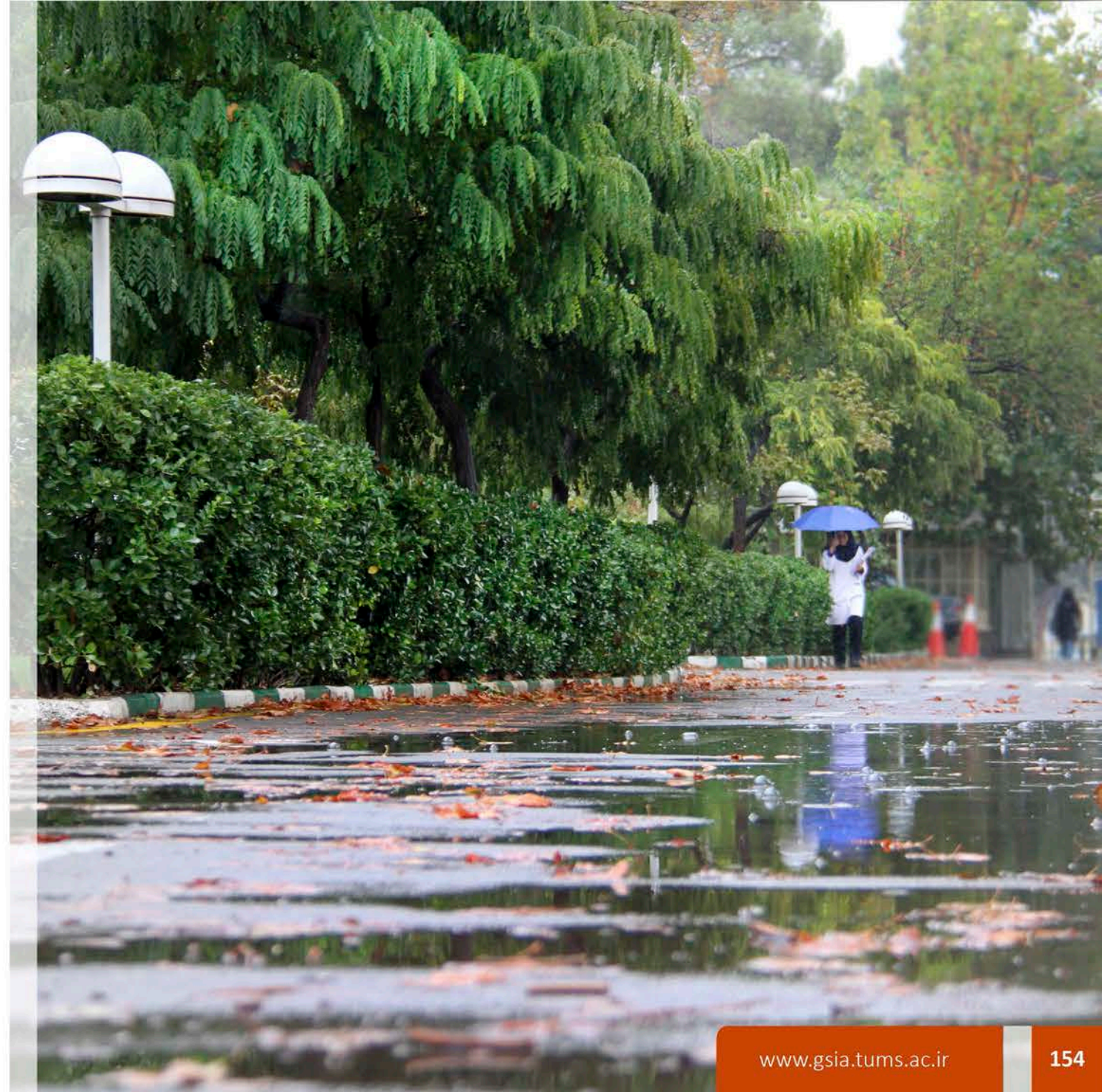
Nursing education program in this school was initiated as a two-year hospital-based Diploma and then a three-year Bachelor's degree in nursing; however, it developed steadily over the years and resulted in a wide range of undergraduate and graduate programs we offer today. History of this steady improvement is as follows: Bachelor of Science degree (1963), Master's degree in Nursing (1975), M.Sc. in Midwifery (1988), M.Sc. 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), NICU (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.



School of Nursing and Midwifery is the oldest and biggest nursing school in the country with diverse specialized departments. It is known as the pioneer in the four pillars of nursing (education, research, management and practice). It is also involved in the national-level policy making and activities. Being involved in international activities (international students, collaboration, research projects) are also part of its policy.

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

Department	Major	B.Sc.	M.Sc.	Ph.D.
Pediatric Nursing	Pediatric Nursing	-	*	-
Mother and Child Health	Mother and Child Health	-	*	-
Midwifery	Midwifery	*	*	-
Geriatric Nursing	Geriatric Nursing	-	*	-
Psychiatric Nursing	Psychiatric Nursing	-	*	-
Community Health Nursing	Community Health Nursing	-	*	-
NICU	NICU	-	*	-
Intensive Care Nursing (Adult)	Intensive Care Nursing (Adult)	-	*	-
Medical Surgical Nursing	Medical Surgical Nursing	-	*	-
Reproductive Health	Reproductive Health	-	-	*
Nursing Management	Nursing Management	-	*	-
All Nursing Departments	Nursing	*	-	*
Basic Sciences	-	-	-	-



## Department of Basic Sciences

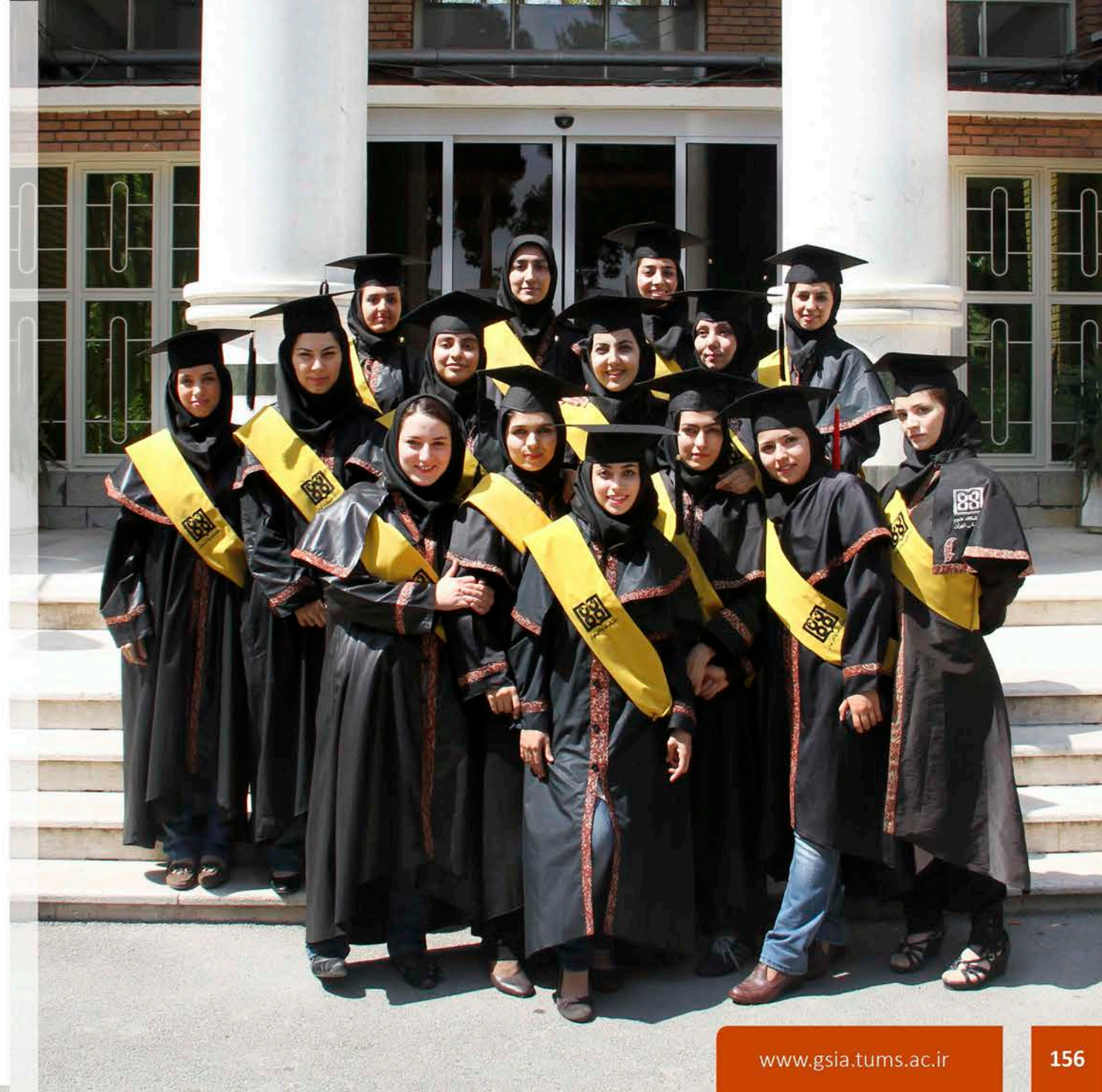
The Department of Basic Sciences was established in 2011 with the aim of enhancing the relationship between clinical disciplines and basic sciences. The Department is in charge of teaching theoretical and applied courses of basic sciences in subjects as varied as immunology, physiology, nursing information 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 basic sciences books, 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 the academic staff members in the policy making of the Ministry of Health and Medical Education is one of the strong advantages of the department.

The 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 regarding some of the routine activities going on in this School.

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 offering courses at Bachelor's and Master's programs and participating in the Ph.D. program, short-term programs for the empowerment of nurses in neonatal and pediatric intensive care and pediatric emergency and the new achievements in pediatric nursing are held with the cooperation of the office of continual nursing education of the 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 civil 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 academic staff members and in hospitals and specialized fields of the experts.

Besides training of 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. in community-based midwifery, providing 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 (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 further equipment, the compilation of the booklet of clinical skills for undergraduate students of midwifery), scientific services (holding workshops, seminars and festivals), and educational counseling services (educational counseling and dissertation).

## 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**

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)
- Maintaining the elderly patients' social function and participation in 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 doing 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 the 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, has 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:

**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

**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

**Master's Level**

- Individual Therapy
- Family Therapy
- Group Therapy
- Psychiatry and Psychiatric Nursing in Children and Adolescents
- Curriculum Design and Planning
- 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 done 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:

- 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. level
- A New Approach to Education, Ph.D. level
- 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 the School of Nursing and Midwifery, together with the academic staff members of the 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:

- 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 education 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 the 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 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 the Schools of Medicine, 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:

- 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, the 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 the 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 the academic staff members with the help of the most up-to-date scientific achievements, and informing them of the latest facilities and coordinating the programming of internship between education and clinic.

Courses offered at the Department of Nursing Management include:

- Principles of Nursing Services Management, 2 theoretical credits and 2 field internship credits (Nursing 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 Collaboration

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

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

- World Health Organization (WHO)
- 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

## Administrative Board



**Mohammad Ali Cheraghi**  
Dean

Associate Professor, Ph.D. in Nursing  
Tel: (98 21) 66 93 36 00  
E-mail: [fnm-dean@tums.ac.ir](mailto:fnm-dean@tums.ac.ir)



**Shahrzad Ghiyasvandian**  
Vice-Dean for Education

Assistant Professor, Ph.D. in Nursing  
Tel: (98 21) 66 42 07 39  
E-mail: [fnm\\_educational@tums.ac.ir](mailto:fnm_educational@tums.ac.ir)



**Ziba Taghizadeh**  
Vice-Dean for Research

Lecturer, Ph.D. in Reproductive Health  
Tel: (98 21) 66 94 16 69  
E-mail: [fnm\\_researchdeputy@tums.ac.ir](mailto:fnm_researchdeputy@tums.ac.ir)



**Abbas Hooshmand**  
Vice-Dean for Finance & Administrative Affairs

Lecturer, M.Sc. in Nursing  
Tel: (98 21) 66 93 69 68  
E-mail: [fnm-finance@tums.ac.ir](mailto:fnm-finance@tums.ac.ir)



**Arezoo Rasti**  
Vice-Dean for Culture & Students Affairs

Lecturer, M.Sc. in Immunology  
Tel: (98 21) 61 05 45 39  
E-mail: [fnm\\_cul\\_stu@tums.ac.ir](mailto:fnm_cul_stu@tums.ac.ir)



**Alireza Nikbakht Nasrabadi**  
Director of Postgraduate Office

Professor, Ph.D. in Nursing  
Tel: (98 21) 66 92 11 44  
E-mail: [higher\\_education@tums.ac.ir](mailto:higher_education@tums.ac.ir)



**Mahvash Salsali**  
Vice-Dean for International Affairs

Professor, Ph.D. in Nursing  
Tel: (98 21) 66 92 71 71 (119-130)  
E-mail: [fnmintoffice@tums.ac.ir](mailto:fnmintoffice@tums.ac.ir)



**Shima Sadat Atri**  
Director of Public Relations office

M.Sc. in Social Communication Sciences  
Tel: (98 21) 66 92 55 65  
E-mail: [fnm@tums.ac.ir](mailto:fnm@tums.ac.ir)

## Contact Information

<http://fnm.tums.ac.ir>

Tel : (98 21) 66 93 36 00

Fax: (98 21) 66 94 16 68

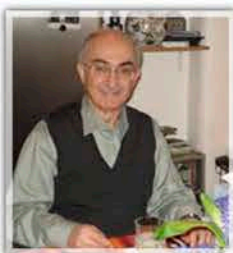
### Address:

School of Nursing and Midwifery, Tehran University of Medical Sciences,  
Tohid Sq., Nosrat St., Tehran 14197-33171, Iran

### School of Nutritional Sciences and Dietetics

The Department of Nutrition and Biochemistry and the Department of Health Sciences and Nutrition of the 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. The Graduate 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 noble 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 USA with 4 holding M.D. as well as Ph.D. degrees and 19 Ph.D. holders. Its close collaboration with the School of Public Health and the 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.



Fereydoun Siassi, Ph.D.  
Dean  
E-mail: [siassif@tums.ac.ir](mailto:siassif@tums.ac.ir)  
Tel : (98 21) 88 62 27 06  
Fax: (98 21) 88 62 27 07  
P.O. Box: 14155-6117



**Research Activities**

- Assessment of community nutritional status and 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
- Collaboration with the Ministry of Health and Medical Education in conducting national nutrition surveys, e.g. micronutrients surveys

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

Department	Major	B.Sc.	M.Sc.	Ph.D.	Specialty	Fellowship	Training Programs
Cellular and Molecular Nutrition	Nutritional Sciences	-	*		Bacteriology Mycology Biochemistry Pharmaceutical Biotechnology Pharmacognosy Medical Genetics Food Sciences	-	*
					Immunology Clinical Biochemistry Pharmacology Physiology Traditional Medicine	-	*
Clinical Nutrition	Nutritional Sciences	-	*	*		-	*
	Public Health in Nutrition	-	*	-	-	-	*
Community Nutrition	Nutritional Sciences	-	-	*	Health Education Epidemiology Sociology Economical Sciences Political Sciences	*	*
	Public Health in Nutrition	-	*	-	-	*	*

**Department of Cellular and Molecular Nutrition**

Cellular 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 and become 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.

**Faculty Members**

**Mahmoud Jalali, Ph.D., Head of Department**  
Professor  
E-mail: [jalalimahmoud@hotmail.com](mailto:jalalimahmoud@hotmail.com)

**Fariba Koohdani, Ph.D.**  
Associate Professor  
E-mail: [fkoohdan@sina.tums.ac.ir](mailto:fkoohdan@sina.tums.ac.ir)

**Ali-Akbar Saboor Yaraghi, Ph.D.**  
Associate Professor  
E-mail: [asaboor@tums.ac.ir](mailto:asaboor@tums.ac.ir)

**Nahid Aryaeian, Ph.D.**  
Assistant Professor  
E-mail: [nah\\_arya2002@yahoo.com](mailto:nah_arya2002@yahoo.com)

**Hamideh Pishva, Ph.D.**  
Assistant Professor  
E-mail: [pishvahm@sina.tums.ac.ir](mailto:pishvahm@sina.tums.ac.ir)

**Ahmad Saedi, Ph.D.**  
Assistant Professor  
E-mail: [a\\_saedi@tums.ac.ir](mailto:a_saedi@tums.ac.ir)

**Maryam Mahmoudi, M.D., Ph.D.**  
Assistant Professor  
E-mail: [mahmoodi\\_maryam@yahoo.com](mailto:mahmoodi_maryam@yahoo.com)

**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/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.

**Faculty Members**

Ahmad-Reza Dorosty Motlagh, Ph.D., Head of Department

Associate Professor

E-mail: [dorostim@sina.tums.ac.ir](mailto:dorostim@sina.tums.ac.ir)

Seyed Abolghasem Djazayeri, Ph.D.

Professor

E-mail: [djazayeri@yahoo.com](mailto:djazayeri@yahoo.com)

Fereydoun Siassi, Ph.D.

Professor

E-mail: [siassif@tums.ac.ir](mailto:siassif@tums.ac.ir)

Guiti Sotoudeh Langaroudi, Ph.D.

Associate Professor

E-mail: [gsotoodeh@yahoo.com](mailto:gsotoodeh@yahoo.com)

Parvaneh Yavary

Assistant Professor

E-mail: [parvanyavari@yahoo.com](mailto:parvanyavari@yahoo.com)

Amir Mansour Alavi Naeini, Ph.D.

Assistant Professor

E-mail: [amalavi@tums.ac.ir](mailto:amalavi@tums.ac.ir)

Hamed Pouraram, Ph.D.

Assistant Professor

E-mail: [hpouraram@yahoo.com](mailto:hpouraram@yahoo.com)



**Department of Clinical Nutrition**

**Faculty Members**

Seyed Ali Keshavarz, Ph.D., Head of Department  
Professor  
E-mail: [s\\_akeshavarz@yahoo.com](mailto:s_akeshavarz@yahoo.com)

Sharyar Eghtesadi, Ph.D.  
Professor  
E-mail: [egtesadi@yahoo.com](mailto:egtesadi@yahoo.com)

Farzad Shidfar, Ph.D.  
Professor  
E-mail: [f-shidfar@tums.ac.ir](mailto:f-shidfar@tums.ac.ir)

Mohammad-Javad Hosseinzadeh, M.D., Ph.D.  
Associate Professor  
E-mail: [mhosseinzadeh@tums.ac.ir](mailto:mhosseinzadeh@tums.ac.ir)

Mohammad-Reza Vafa, Ph.D.  
Associate Professor  
E-mail: [mrvafa@tums.ac.ir](mailto:mrvafa@tums.ac.ir)

Saeed Hosseini, M.D., Ph.D.  
Assistant Professor  
E-mail: [saeedhmdphd@hotmail.com](mailto:saeedhmdphd@hotmail.com)

Shima Jazayeri, M.D., Ph.D.  
Assistant Professor  
E-mail: [sh\\_jazayeri@tums.ac.ir](mailto:sh_jazayeri@tums.ac.ir)

Koorosh D. Jafarian, Ph.D.  
Assistant Professor  
E-mail: [kdjafarian@sina.tums.ac.ir](mailto:kdjafarian@sina.tums.ac.ir)

Leyly Nazemi, M.S.P.H.  
Instructor  
E-mail: [lyly7f@yahoo.fr](mailto:lyly7f@yahoo.fr)

**Contact Person**

Ms. Fereshteh Sojoudi  
Dean's Secretary  
E-mail: [sojoudi.f@gmail.com](mailto:sojoudi.f@gmail.com)

Postal Address:  
School of Nutritional Sciences  
and Dietetics,  
Tehran University of Medical Sciences,  
P.O. Box: 14155-6117, Tehran, Iran.  
Tel: (98 21) 88 62 27 06  
Fax: (98 21) 88 62 27 07  
E-mail: [snsd@tums.ac.ir](mailto:snsd@tums.ac.ir)





### School of Pharmacy

When University of Tehran was established in 1934, the pharmacy program was managed by the School of Medicine. At that time, pharmacy program lasted 3 years and required high school diploma. Since 1939, the duration of education 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, the pharmacy education was limited to undergraduate courses, but since 1986, the Ph.D. courses in ten disciplinarians including medicinal chemistry, pharmaceutics, toxicology and pharmacology, pharmacognosy, pharmaceutical biotechnology, food and drugs control, radiopharmacy, drug economy and management, clinical pharmacy, pharmaceutical nanotechnology, and pharmaceutical biomaterial have been established.

At the present time, School of Pharmacy at Tehran University of Medical Sciences, with about 160 academic members and staff (full professors, associate professors, assistant professors, lecturers, technicians), and 1,200 students, is one of the most dynamic and well-equipped instructional and research academic centers in Iran.



At the undergraduate level, the 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:

Department	M.Sc.	Ph.D.
Food and Drug Analysis	-	*
Pharmacoeconomics and Pharmaceutical Management	-	*
Medicinal Chemistry	-	*
Radiopharmacy	-	*
Pharmaceutical Biomaterials	-	*
Pharmaceutical Biotechnology	-	*
Pharmaceutical Nanotechnology	-	*
Pharmaceutics	-	*
Pharmacognosy	-	*
Clinical Pharmacy	-	*
Pharmacology and Toxicology	*	*
Supervision of Pharmaceutical Affairs	*	-



### Department of Pharmacoeconomics and Pharmaceutical Management

School of Pharmacy at Tehran University of Medical Sciences 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.

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. Department of Pharmacoeconomics and Pharmaceutical Management 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 is the highest degree of this field.

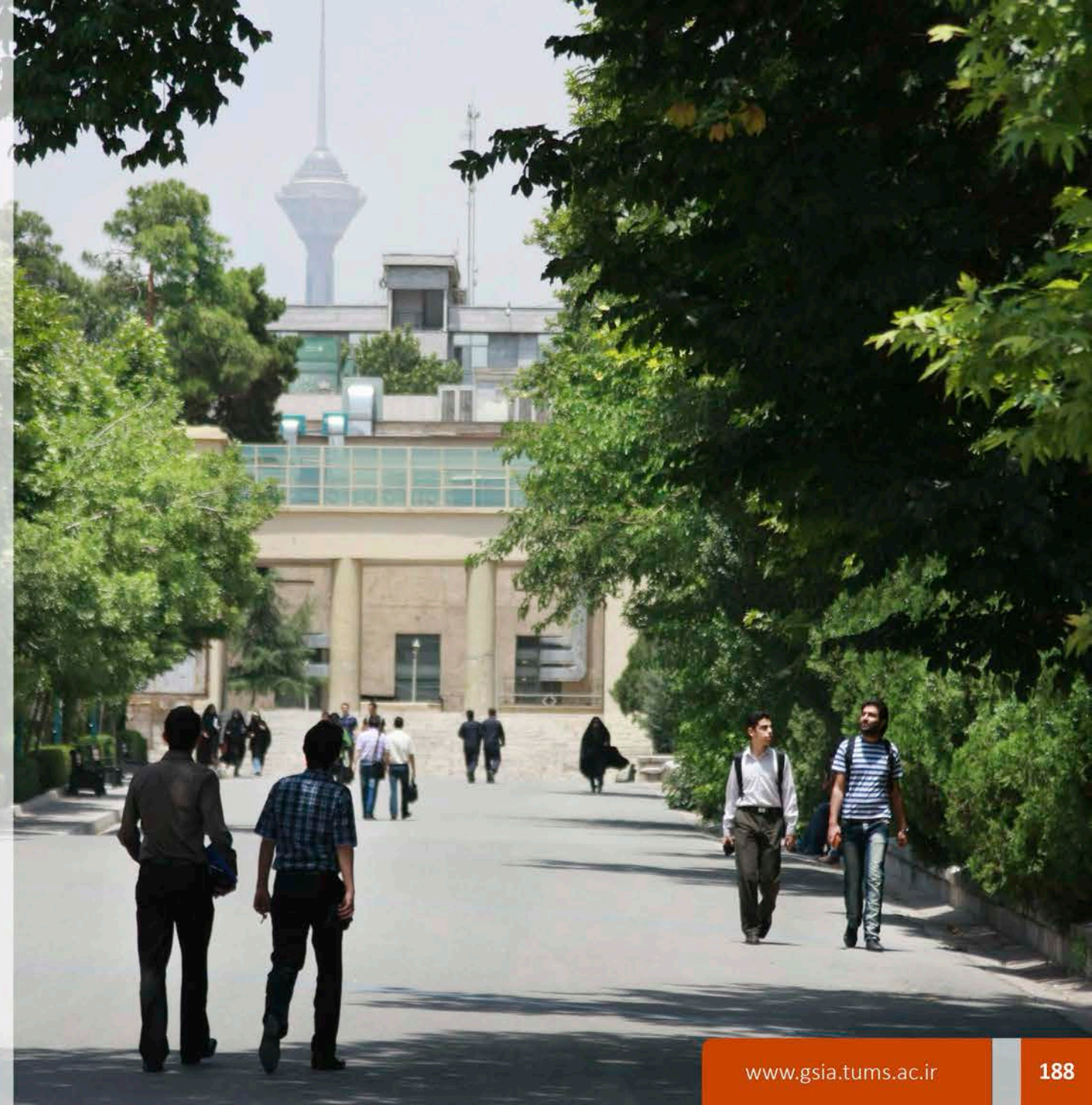
#### Mission

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

#### Vision

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

Clinical Pharmacy division 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.

The Department of Clinical Pharmacy was established in 1984 and is the leader 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.

#### 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

The Department of Clinical Pharmacy is an eminent center for clinical pharmacy research, teaching, and providing 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, policy makers; ensure safe and effective therapy through secure and reliable medication prescription, 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

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 the 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 development of the graduate students as the next generation of scholars in this field through promotion of the quality of both education and research.

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.

#### 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 expertise in this field. The program affords 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 development and safe use of novel radiopharmaceuticals.

### Department of Medicinal Chemistry

The Department of Medicinal Chemistry is one the oldest departments in the School of Pharmacy which was established in 1963. The major 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
- 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. Any 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, in the Department, 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 postdoc 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
- 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 the School of Pharmacy, Tehran University of Medical Sciences, 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 make 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 established 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
- 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. So, the 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 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
- 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 the School of Pharmacy, was developed at the beginning of the foundation of the School of Pharmacy as the "Department of Manufacturing and Application of Medicine" and 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
- 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
- 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
- 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 the School of Pharmacy in Tehran University of Medical Sciences.

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
- 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 the Schools of Pharmacy, Medicine, Dentistry, Biophysics & Biochemistry, and Veterinary, established a Biomaterials Research Center (BRC) in 2006.

As 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, i.e. 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 healthcare 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 biotechnology. 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 center brings together faculty members and students from the 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 some workshops, published 170 papers in international journals and supported more than 35 research projects and dissertations in the field of medical nanotechnology.



205

TUMS

Tehran University of Medical Sciences  
International Student Prospectus

### 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 fundamental 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

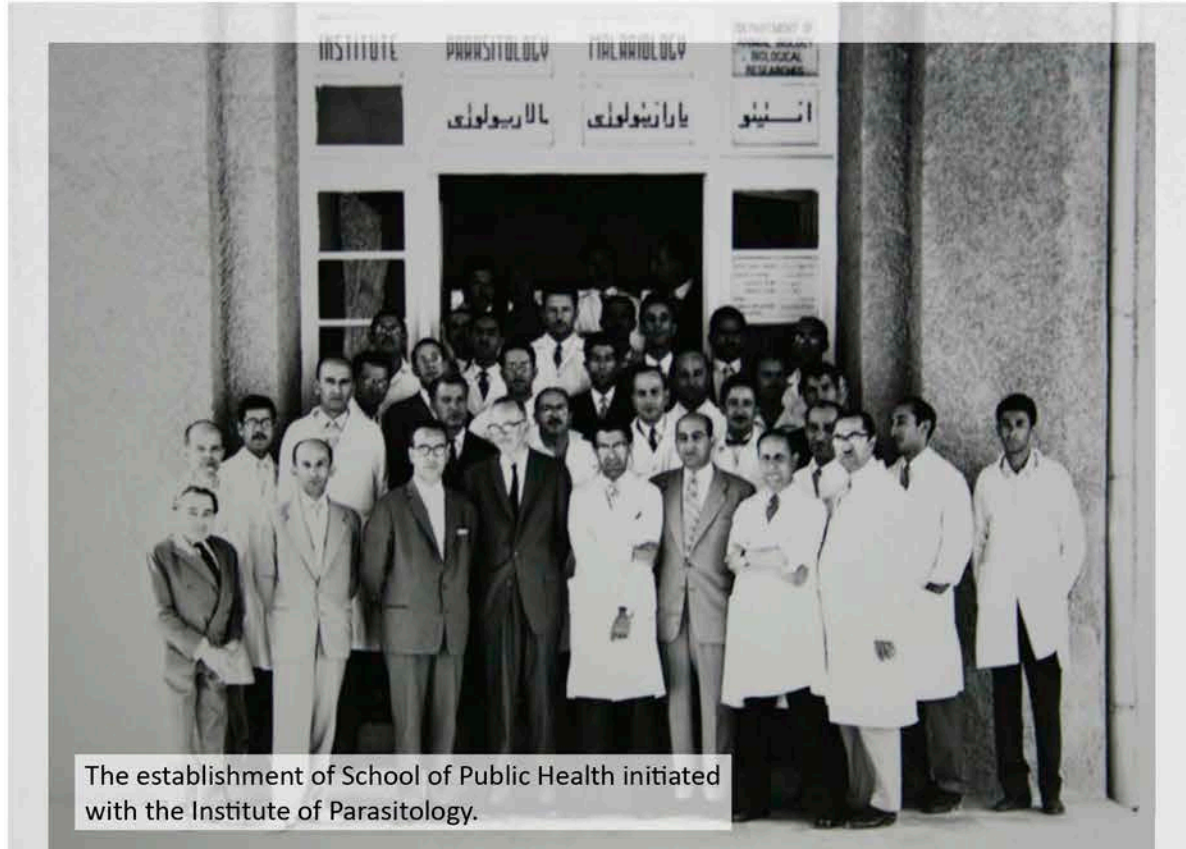
DARU Journal of Pharmaceutical Sciences is an open access, peer-reviewed journal. It encompasses all fields of sciences related to pharmacy and drugs.

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.

**School of Public Health**

The School of Public Health and 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, the School of Public Health (SPH) and Institute of Public Health Research (IPHR) 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, specially the environmental health problems. What follows details research and educational programs, currently offered at all departments of the School of Public Health. We hope to be able to initiate collaboration with the departments and other 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.



The establishment of School of Public Health initiated with the Institute of Parasitology.





209  
TUMS  
Tehran University of Medical Sciences  
International Student Prospectus

Scientists in universities around the world and Iran are alumni of TUMS's 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 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.

TUMS School of Public Health accepts international students in the following programs:

Department	Major	B.Sc.	M.Sc.	Ph.D.	Specialty	MPh	Sub-Specialty	Fellowship	Training Programs	Short-Term Courses
Epidemiology & Biostatistics	Epidemiology	-	*	*	*	*	-	-	*	*
	Biostatistics	-	*	*	-	*	-	-	*	*
Health Education and Promotion	Health Education	-	*	*	-	-	-	-	*	*
Medical Parasitology & Mycology	Parasitology	-	*	*	-	-	-	-	*	*
	Mycology	-	*	-	-	-	-	-	*	*
Occupational Health	Ergonomics	-	*	-	-	-	-	-	*	*
	Occupational Health	-	*	*	-	-	-	-	*	*
Disaster in Public Health	Disaster in Public Health	-	-	*	-	-	-	-	*	*
Pathobiology	Immunology	-	*	*	-	-	-	-	*	*
	Microbiology of Food	-	*	-	-	-	-	-	*	*
	Bacteriology	-	*	*	-	-	-	-	*	*
Virology	Virology	-	*	*	-	-	-	-	*	*
Medical Entomology & Vector Control	Medical Entomology & Vector Control	-	*	*	-	-	-	-	*	*
Health Sciences Educational Development	Health Technology Assessment	-	*	-	-	-	-	-	*	*
	Health Policy	-	*	*	-	-	-	-	*	*
Health Management and Economics	Health Management	-	*	*	-	-	-	-	*	*
	Health Economics	-	*	*	-	-	-	-	*	*
Environmental Health Engineering	Environmental Health Engineering	-	*	*	-	-	-	-	*	*
Human Ecology	Human Ecology	-	*	-	-	-	-	-	*	*
Global Health	Global Health	-	*	*	-	-	-	-	*	*
Health and Food Safety	Health and Food Safety	-	*	*	-	-	-	-	*	*

## 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

The School of Rehabilitation, with the history of about 48 years, was founded in 1965. At 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 approved 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), there was a unique opportunity to face various kinds of patients who needed rehabilitation services; therefore, there was an emergency 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, the 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 of Rehabilitation is well-known in developing high-quality professional programs in all rehabilitation-related fields, and through academic training, comprehensive research, technology design, and rigorous clinical training that are needed for rehabilitation health services, our graduates will be leaders in their 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](mailto: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:

Department	Major	B.Sc.	M.Sc.	Ph.D.
Audiology	Audiology	*	*	*
Physical Therapy	Physical Therapy	*	*	*
	Sports Physical Therapy	-	*	-
Occupational Therapy	Occupational Therapy	-	*	*
Speech Therapy	Speech Therapy	*	*	*

## Department of Audiology

The Department of Audiology at the School of Rehabilitation of Tehran University of Medical Sciences (TUMS) provides comprehensive services (diagnosis, prevention, and rehabilitative intervention) to patients, ranging from birth to 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 B.Sc., M.Sc., 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 the 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 the Audiology Department

E-mail: [s\\_farahani@tums.ac.ir](mailto: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

Mahmood Jalili  
Lecturer

Parvin Raji  
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 M.Sc. and Ph.D., were established in 1994 and 2008, respectively.

Our 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

Seyyedeh Maryam Khoddami  
Lecturer

Seyed Ahmadrza Khatoonabadi  
Lecturer

Mohammadrahim Shahbodaghi  
Lecturer

Azar Mehri  
Lecturer

**Department of Physical Therapy**

The Department of Physical Therapy at the School of Rehabilitation, Tehran University of Medical Sciences (TUMS), is one of the most important departments of this School which has played an important role in the development of TUMS and the School's academic programs. The Department of Physical Therapy is the biggest department of physical therapy among all schools of rehabilitation in Iran. This department offers a variety of programs:

- A four-year undergraduate program of Bachelor's of Science in Physical Therapy (B.Sc. in PT)
- Three post-graduate degree programs:
  - A two-year M.Sc. program in Physical Therapy
  - A two-year M.Sc. program in Sports Physical Therapy
  - A full-time four-year Ph.D. program in Physical Therapy

**Faculty Members**

Dr. Mohamad Reza Hadian  
Professor

Dr. Nouredin Nakhostin Ansari  
Associate Professor

Dr. Gholamreza Olyaei  
Professor

Dr. Nasrin Naseri  
Associate Professor

Dr. Behrouz Attarbashi Moghadam  
Assistant Professor

Dr. Soofia Naghdi Dorabati  
Associate Professor

Dr. Nastaran Ghotbi  
Assistant Professor

Ebrahim Entezari  
Lecturer

Dr. Naser Salsabili  
Associate Professor

Shiva Mousavi  
Lecturer

Dr. Shohreh Jalaie  
Assistant Professor

Zahra Fakhari  
Lecturer

Dr. Sayed Javad Mousavi  
Assistant Professor

## School's Journals

### Audiology

Audiology is the official scientific double-blind peer-reviewed journal of Tehran University of Medical Sciences. This journal is dedicated primarily to the topics relevant to audiology and allied sciences in Iran, which have been neglected or received little attention in the western medical literature. The audiology 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 system 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 privilege. Audiology publishes research articles, review articles, case-reports, and letters to the editor.

### AVR

Auditory and Vestibular Research is the official scientific quarterly double-blind peer-reviewed publication of Tehran University of Medical Sciences. It is supported by Iranian Association of Audiology. The aim of this journal is to provide the clinicians and researchers with the 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 reports on vocational and sociomedical aspects of rehabilitation.

### Contact Person

Ms. Maryam Khodami  
 E-mail: [khodami@tums.ac.ir](mailto: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



## School of Traditional Medicine

School of Traditional Medicine of Tehran University of Medical Sciences was established in 2007, as a result of the increasing interest and the national need in traditional, alternative, and complementary medical services. This school, as the oldest and most distinguished school of traditional medicine in Iran, is the postgraduate academic center to educate talented students at Ph.D. level in traditional medicine and pharmacy of traditional medicine.

The total number of students is more than 100 up to the present and the first group to be awarded the degree of Ph.D. was in 2012.

The School consists of five buildings, three of which are carefully designed with modern facilities for the students and faculty members. The school has also 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. Mohammad Reza Shams Ardekani**  
Dean  
Ph.D. in Pharmacognosy  
Tel: (98 21) 66 49 59 89



## Educational Departments

- Department of Traditional Medicine
- Department of Pharmacy in Traditional Medicine
- Department of History of Medical sciences (or History of Medicine)

The School of Traditional Medicine is 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 objectives of this School is for students to gain an understanding of how to combine traditional medicine with current medicine, and to become a specialist, a broad-minded and ethical individual.

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

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

Department	Major	M.Sc.	Ph.D.	Short-Term Courses
Traditional Medicine	Traditional Medicine	-	*	-
	Nutrition in Traditional Medicine	-	-	*
	Medical Massage	-	-	*
	Cupping and Hijamat	-	-	*
	Life Style in Iranian Medicine	-	-	*
Pharmacy in Traditional Medicine	Pharmacy in Traditional Medicine	-	*	-
History of Medical Sciences (History of Medicine)	History of Medical Sciences	*	*	-



## Administration Board

Dr. Mohammad Reza Shams Ardekani, Dean  
Ph.D. in Pharmacognosy, Professor  
Tel: (98 21) 66 49 59 89

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. Mohammad Reza Fartookzadeh, Vice-Dean for Education  
Ophthalmologist, Assistant Professor  
Tel: (98 21) 55 60 12 74

Dr. Mohammad Bagher Minaee, Vice-Dean for Research  
Ph.D. in Embryology & Histology, Associate Professor  
Tel: (98 21) 55 69 35 20

## School's Journal

Iranian Traditional Medicine and Pharmacy

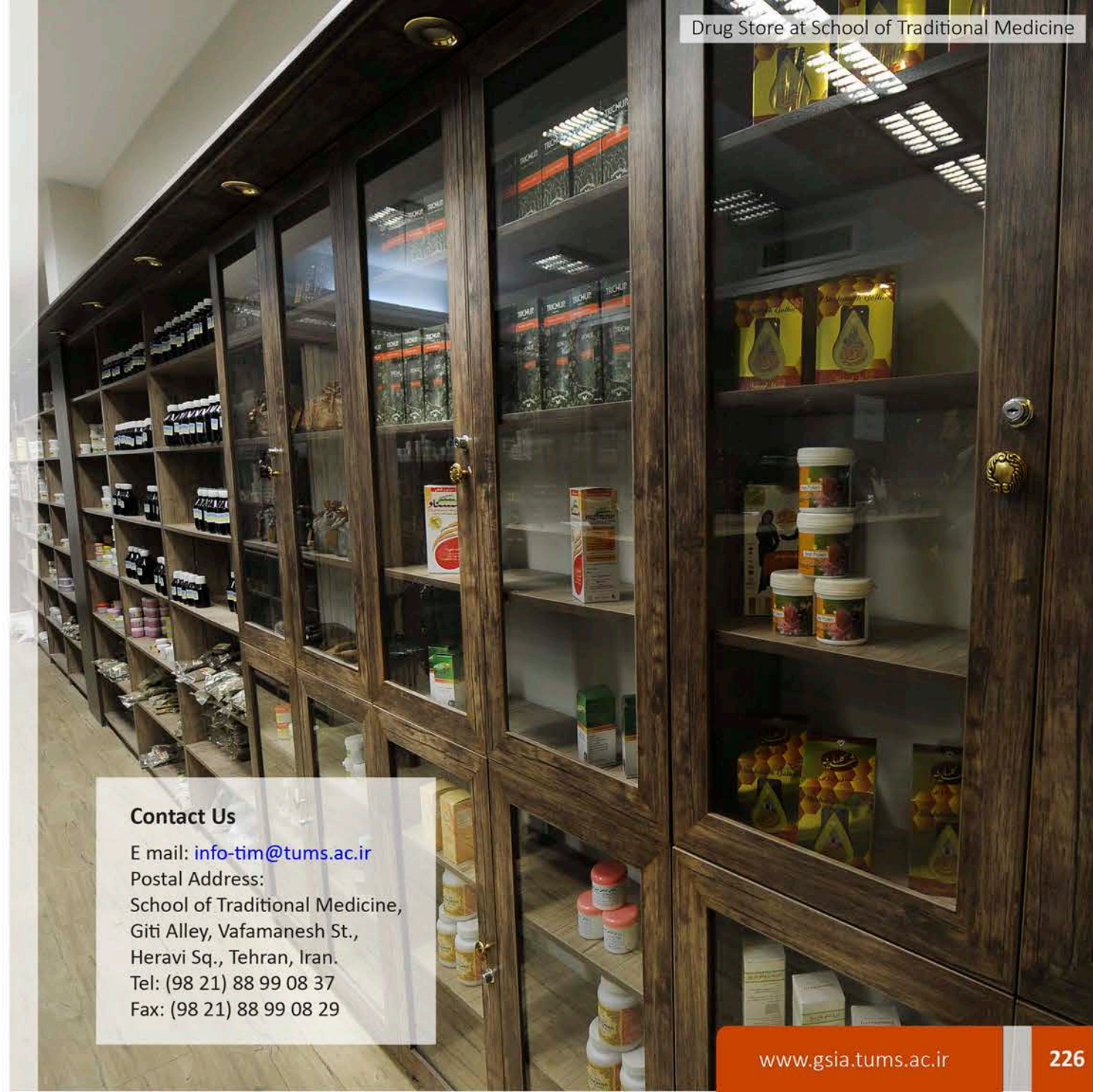
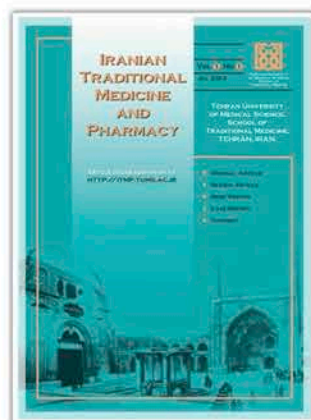
## School's Research Centers

- Iranian Medicine and Pharmacy Research Center
- Nutrition in Traditional Medicine 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](mailto: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

## Virtual School

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 is going to be the Center of Excellence in E-Learning in the Middle East in the near future.

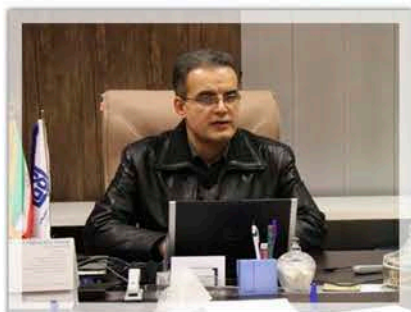
The awards and nominations received by the Virtual School of Tehran University of Medical Sciences in 2012-2013 are the National Educational Scholarship Award by the University Virtual Clinical Rounds site (SARMAD) and the first national rank in Electronic Health Festival by CME. In addition, faculty members of this school 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 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
- To support our students 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 aid for face-to-face courses
- Designing and holding a wide range for faculty members development programs and workshops



Dr. Ahmad Kaviani

Dean

E-mail: [akaviani@tums.ac.ir](mailto:akaviani@tums.ac.ir)

## Educational Departments

Our aim is to admit the best candidates and give them experience and necessary training to make a difference in various fields of medical sciences. We hope our students will gain the empathy that makes them 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/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](mailto: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](mailto:omid@tums.ac.ir)

### Department of E-Health

Dr. Mashalah Torabi, D.D.S.

Head of Department

E-mail: [mtorabi@tums.ac.ir](mailto:mtorabi@tums.ac.ir)





TUMS Virtual School accepts international students in the following programs:

Department	Major	M.Sc.
E-Learning in Medical Education	E-Learning in Medical Education <sup>I</sup>	*
Virtualization of Face-to-Face Programs	Virtual Pharmaceutical Regulatory Affairs	*
	Medical Education	*
	Medical Library	*
Electronic Health	E-Health <sup>II</sup>	*

I) Ph.D. in this major will run in the near future.

II) Five E-Health majors have been developed and will run in the near future.

#### Contact Information

E-mail: [etums@tums.ac.ir](mailto: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

 Afghanistan Kabul, Kandahar, Herat Mazarsharif, Jalalabad	 Brazil Brasilia	 Cuba Havana	 Greece Athens	 Kenya Nairobi	 Netherlands Hague
 Albania Tirana	 Bolivia Lapaz	 Cyprus Nicosia	 Guinea Conakry	 Kuwait Kuwait	 New Zealand Wellington
 Algeria Algiers	 Bosnia and Herzegovina Sarajevo	 Czech Republic Prague	 Hungary Budapest	 Kyrgyzstan Bishkek	 Nicaragua Managua
 Argentina Buenos Aires	 Brunei Seri Begawan	 Denmark Copenhagen	 India New Delhi, Bombay, Hyderabad	 Lebanon Beirut	 Nigeria Abuja, Niamey
 Armenia Yerevan	 Bulgaria Sofia	 Ecuador Quito	 Indonesia Jakarta	 Libya Tripoli	 North Korea Pyongyang
 Australia Canberra	 Canada Ottawa	 Egypt Cairo	 Iraq Baghdad, Erbil, Najaf, Basra, Sulaymaniyeh Karbala	 Macedonia Skopje	 Norway Oslo
 Austria Vienna	 Chile Santiago	 Ethiopia Addis Ababa	 Ireland Dublin	 Madagascar Antananarivo	 Oman Muscat
 Azerbaijan Baku, Nakhchivan	 China Shanghai, Guangzhou, Hongkong, Beijing	 Finland Helsinki	 Italy Rome, Milan	 Malaysia Kualalumpur	 Pakistan Islamabad, Karachi, Lahore, Peshawar, quetta
 Bahrain Manama	 Colombia Bogota	 France Paris	 Ivory Coast Abidjan	 Mali Bamako	 Philippines Manila
 Bangladesh Dhaka	 Comoros Moroni	 Georgia Tbilisi, Batumi	 Japan Tokyo	 Mauritania Nouakchott	 Poland Warsaw
 Belarus Minsk	 Congo Kinshasa	 Germany Berlin, Frankfurt, Hamburg, Munich	 Jordan Amman	 Mexico Mexicocity	 Portugal Lisbon
 Belgium Brussels	 Croatia Zagreb	 Ghana Accra	 Kazakhstan Almaty, Astana, Aktau	 Morocco Rabat	 Qatar Doha

 Romania Bucharest	 Sudan Khartoum	 United Arab Emirates Abu Dhabi, Dubai
 Russia Astrakhan, Moscow, Kazan	 Sweden Stockholm	 United Kingdom London
 Saudi Arabia Jeddah, Riyadh	 Switzerland Bern, Geneva	 United States of America Washington, New York
 Senegal Dakar	 Syria Damascus	 Uruguay Montevideo
 Serbia Belgrade	 Tajikistan Dushanbe	 Uzbekistan Tashkent
 Sierra Leone Freetown	 Tanzania Dar es Salaam	 Vatican Vatican
 Singapore Singapore	 Thailand Bangkok	 Venezuela Caracas
 Slovenia Ljubljana	 Tunisia Tunis	 Vietnam Hanoi
 South Africa Pretoria	 Turkey Ankara, Istanbul, Erzurum, Trabzon	 Yemen Sana'a
 South Korea Seoul	 Turkmenistan Ashgabat, Marv	 Zimbabwe Harare
 Spain Madrid	 Uganda Kampala	
 Sri Lanka Colombo	 Ukraine Kiev	

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



پرتال اطلاع رسانی معاونت بین الملل دانشگاه علوم پزشکی تهران

Tehran University of Medical Sciences  
Office of Vice-Chancellor for Global Strategies & International Affairs

School of Medicine  
<http://medicine.tums.ac.ir/en/>

School of Public Health  
<http://sph.tums.ac.ir/en/>

School of Dentistry  
<http://dentistry.tums.ac.ir/home-en.html>

School of Nursing and Midwifery  
<http://fnm.tums.ac.ir>

School of Pharmacy  
<http://pharmacy.tums.ac.ir/>

School of Rehabilitation  
<http://rehab.tums.ac.ir>

School of Advanced Medical Technologies  
<http://samt.tums.ac.ir/en/>

School of Traditional Medicine  
<http://tim.tums.ac.ir>

School of Allied Medical Sciences  
<http://paramed.tums.ac.ir/english>

School of Nutritional Sciences and Dietetics  
<http://snsd.tums.ac.ir/>

Virtual School  
<http://etums.tums.ac.ir/>

**Emergency Phone Numbers in Iran**

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

We realize that being an international student is a big step in your life. We 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 expect from TUMS. For latest information and to download the soft copy of the prospectus, please visit our website: [www.gsia.tums.ac.ir](http://www.gsia.tums.ac.ir)

#### **Disclaimer and Contacts**

This prospectus was printed in December 2013. 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 question, please feel free to contact us. You can also connect with TUMS via LinkedIn at <http://ir.linkedin.com/pub/tehran-university-of-medical-sciences-tums/61/356/b2b>.

#### **Project Manager**

Dr. Masoud Azizi

#### **Graphic & 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 Parastoo Yazdani, Roja Aghabeik, Tannaz Azadi, Nasrin Dastjerdi, Amirreza Fard, Somayeh Nazari, Arya Rahimi, and Dr. Amir Zand Moghaddam.

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

## **Acknowledgments**