

2022

# Shahid Sadoughi University of Medical Sciences Prospectus



SHAHID SADOUGHİ UNIVERSITY  
OF MEDICAL SCIENCES

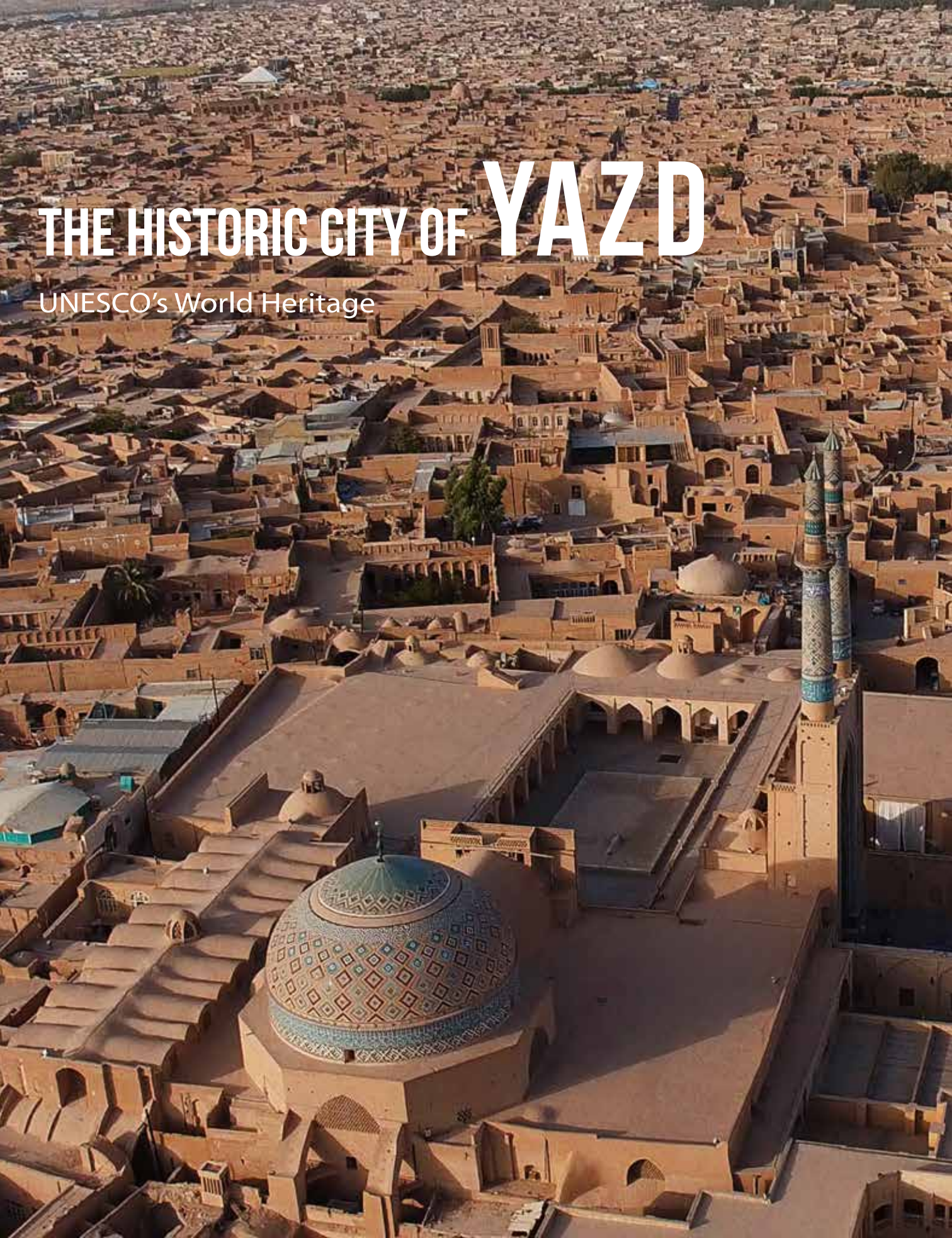


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## HERE IS YAZD A WORLD HERITAGE CITY

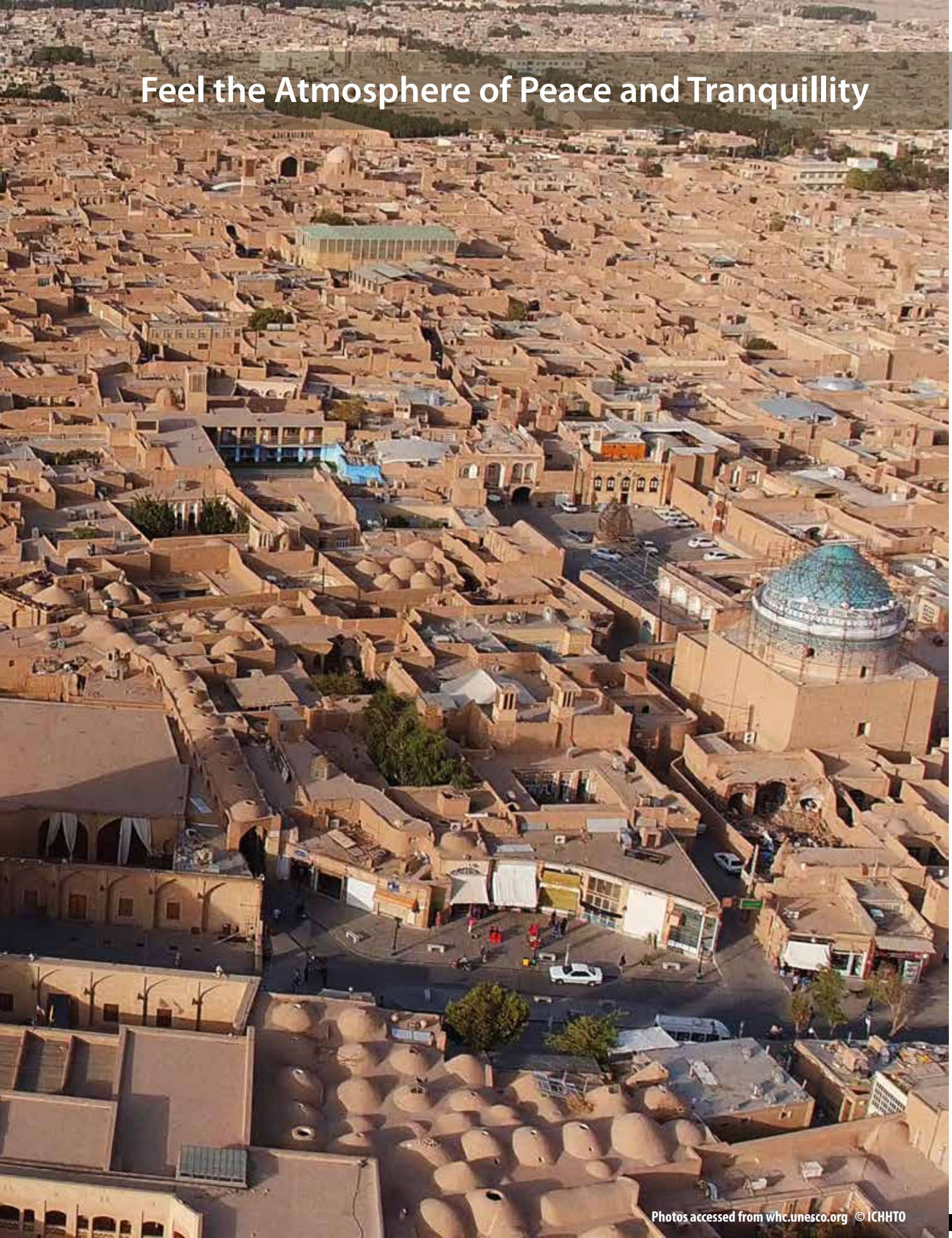




# THE HISTORIC CITY OF YAZD

UNESCO's World Heritage

Feel the Atmosphere of Peace and Tranquillity





Amir Chahmaq Complex

## Welcome to the Heart of History

Yazd is one of the oldest cities in the world with a history of over 5,000 years which has remained intact throughout the centuries. It is located in central Iran with a population of over one million. Being separated from the modern areas, the historic part of the city with its earthen architecture has been carefully conserved and protected. The historic city of Yazd was inscribed on Unesco's World Heritage List in July 2017.

Yazd is known as the oldest earthen city in the world and the second most historic city in the world after Venice in Italy.

## Living in Yazd

Thanks to its location, Yazd has remained immune to the history wars. Visitors feel and enjoy the atmosphere of peace and tranquility.

The nice rhythm of life, calm streets (low traffic), high safety, and cleanliness make Yazd a peaceful place to live. Compared with other large cities, living cost is quite low in Yazd as one with a minimum of 300\$ a month can easily afford living expenses.

## People

The people of Yazd have preserved the honesty, civility, and dignity of their ancestors and are well known for their modesty and hospitality.

They speak Persian with a sweet Yazdi accent and are mostly Muslims while Jewish, Zoroastrian, and Christian minorities coexist peacefully in the province.

## The Weather

During the spring and autumn, the weather is fairly mild while most of the rainfall occurs during this time. The city is the host of many tourists in these seasons.

Summer is typically very hot and dry in Yazd with the sun shining almost continuously during the day.

In winter, days remain mild and sunny, but in the morning the thin air and low cloudiness cause cold temperatures that can sometimes fall below 0 °C.

## Education

For 23 consecutive years, Yazd has been ranked first regarding the number of students passing the National University Entrance Exam thanks to high-quality schools and skilled instructors.

Yazd is the home of many popular politicians, international leaders, scientists, poets, writers, and artists.



**Dowlat Abad Garden**

Photos of Yazd are obtained from Yazd Cultural Heritage, Handicrafts and Tourism Organization, unless mentioned otherwise.

# Tourism Destination

Yazd is a must-see city for tourists and is always listed as top five places in Iran to visit. Besides historical aspects, Yazd is one of the developed cities of Iran. Traditional hotels in the historical part of the city as well as luxurious ones in the modern part host international and domestic tourists.

Walking through the old living town, sightseeing, visiting the museums, enjoying nature, and exploring the desert make memorable moments for the tourists during their stay in Yazd.



Visitors can enjoy an unforgettable experience on Desert Tour while being amazed by the greenness of the countryside just 40 km away from the city.



# Health Care System

Regarding health indicators and the distribution of health resources, Yazd is one of the top developed cities of Iran. Committed and devoted physicians accompanied by specialized health care and clinical facilities, as well as lower expenses of medical care, have made Yazd a pioneer in tourism therapy serving a considerable amount of international and domestic patients.



Afshar Hospital



Shahid Sadoughi Hospital

## Economy

Always known for the quality of its silk and carpets, Yazd today is one of Iran's industrial centers. With 14 main industrial areas, one especial economic zone, and 15 main agricultural lands, Yazd has become one of the most technologically advanced cities of Iran. The largest manufacturer of fiber optics in Iran as well as the main ceramic floor tiles and textile producers of the country exist in Yazd. There is also a considerable jewelry industry.



Yazd Ramparts with more than 1000 years of history

## Gastronomy

Diverse, pleasant, and healthy confectionery has made Yazd the capital of confectionery in Iran with international popularity. Yazd is also the main provider of Sesame products in Iran. With reasonable prices, you can enjoy your time in wonderful restaurants serving Iranian foods as well as international ones.



Yazd traditional confectionery



Dowlat Abad Garden

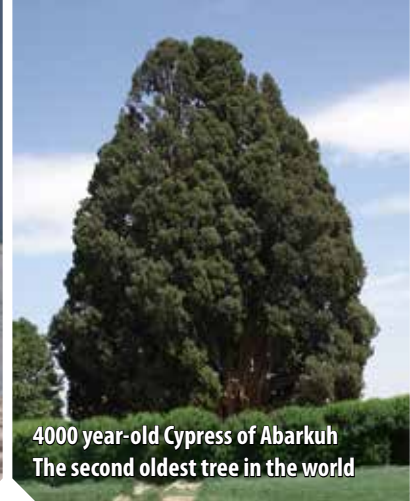
The garden is famous for having the tallest windcatcher in the world with 35 meters height.



**Eagle Mountain (Oghabkooh)**



**Shirkooh**



**4000 year-old Cypress of Abarkuh**  
The second oldest tree in the world



**Zoroastrians Fire Temple (Atashkadeh)**  
The fire on the inside has been burning for over 1500 years.



**Chak Chak**  
The place of pilgrimage for Zoroastrians from all over the world



**Badgir (Windcatcher)**  
A traditional Persian architectural structure to work as a natural air-conditioner in buildings



**The Great Mosque (Masjed Jame)**

An architectural masterpiece dating back over 900 years which has the tallest minarets in Iran

# Iranian Education System

The education system in Iran before university is divided into two main levels: primary and high school education. All Iranian children spend six years of their lives at primary level from age 6 to 12 and attend high school from age 12 to 18. Primary education is compulsory in Iran. There are many free public schools as well as private ones. In Iran, all schools are unisex.

The requirement to enter into higher education is to have a high school diploma, and finally pass the national university entrance exam (known as “Concours”, the French word meaning *competition*).

Education continues at university in form of different degrees as shown in this chart:

School years	Primary School	6 years
	High School	6 years
University Entrance Exam		
University Degrees	Associate Degree	2 years
	Bachelor’s Degree	4 years
	Master’s Degree	2 years
	Ph.D.	4 years
	General Medicine	7 years
	Dentistry/Pharmacy	6 years

The requirement to enter into a higher degree is to pass the related Entrance Exam.

# WELCOME TO SSU

Shahid Sadoughi University started its academic life as the first medical university founded after Islamic revolution by 45 medical students. The department was then converted into a University of Medical Sciences by the Ministry of Health and Medical Education in 1994. To date, 19455 health professionals have been graduated from SSU in all branches of health care, including health, medicine, dentistry, pharmacy, nursing, midwifery, and paramedical sciences.

The University serves in these four areas of expertise:

- Education
- Research
- Health promotion
- Clinical affairs

According to Iran’s Health Care System, the president of medical sciences university in each province is in charge of the whole health care system and related educational affairs of that province. Therefore, the following facilities are supervised by the president:

- University schools
- Research centers
- Health centers
- Hospitals and clinics
- Pharmacies
- Laboratories
- Food and drug associations



# WHY SSU?



Located in the World Heritage City of Yazd

A wide range of programs in medical sciences and health services

Among top 10 Iranian medical universities

Ranked first nationally in Student Award 2019

Winning National Student Awards annually since 2008

Center of excellence in infertility treatment and reproductive medicine

A pioneer in medical tourism



## AT A GLANCE

Established **1983**

Faculty Members: **474**

Current Students: **6072**

International Students: **101**

Graduates: **22764**

Number of Degree Programs: **147**

Non-Degree Programs: **21**

### PROGRAMS

**6 Professional Doctorates in**  
Medicine, Dentistry, Pharmacy

#### Undergraduate Programs

- 1** Associate Degree
- 27** Bachelor's Degree

#### Postgraduate Programs

- 58** Master's Degree
- 18** Medical Specialties
- 10** Dental Specialties
- 3** Sub-specialty
- 4** Fellowships
- 19** Ph.D.
- 1** M.P.H.

**21 Non-Degree Programs**

# International PARTNERS

Semmelweis University | [Hungary](#)  
University of Szeged | [Hungary](#)  
University of Insubria | [Italy](#)  
University of Bari Aldo Moro | [Italy](#)  
Kharkiv National Medical University | [Ukraine](#)  
University of Oviedo | [Spain](#)  
Fundacion Jimenez Diaz, UAM | [Spain](#)  
The Federal Research Center Institute of Cytology and  
Genetics | [Russia](#)  
Bioinformatics Laboratory, College of Life Sciences | [China](#)  
Energy Globe Foundation | [Austria](#)  
Southwest University | [China](#)  
Northwest International University | [Georgia](#)  
Caucasus International University | [Georgia](#)  
Wasit University | [Iraq](#)  
Higher University of San Simon | [Bolivia](#)

# FACILITIES

20 Hospitals  
5 University Hospitals  
8 Hospitals with IPD Certificate  
56 School Laboratories  
15 Dormitory sites accommodating over 2000 students  
9 School Libraries  
3 Hospital Libraries  
24 Journals

# SCHOOLS

1. International Campus
2. Medicine
3. Dentistry
4. Pharmacy
5. Public Health
6. Nursing and Midwifery
7. Paramedical Sciences
8. Traditional Medicine
9. Nursing (Meybod)
10. Paramedical Sciences (Abarkooh)



# RESEARCH CENTERS

1. Yazd Reproductive Sciences Institute
2. Stem Cell Biology Research Center
3. Abortion Research Center
4. Hematology & Oncology Research Center
5. Yazd Diabetes Research Center
6. Yazd Cardiovascular Research Center
7. Nutrition & Food Security Research Center
8. Children Growth Disorders Research Center
9. Trauma Research Center
10. Infectious Diseases Research Center
11. Geriatric Ophthalmology Research Center
12. Research Center for Food Hygiene and Safety
13. Occupational Health & Safety Research Center
14. Otorhinolaryngology Research Center
15. Research Center for Nursing & Midwifery Care
16. Zoonotic Diseases Research Center
17. Mother & Newborn Health Research Center
18. Medical Genetics Research Center
19. Center of Prevention & Epidemiology of Non-communicable Diseases
20. Research Center of Addiction & Behavioral Sciences
21. Industrial Diseases Research Center
22. Social Determinants of Health Research Center
23. Health Policy & Management Research Center
24. Reproductive Immunology Research Center
25. Environmental Science & Technology Research Center
26. Elderly Health Research Center





# Degree Programs

## Associate Degree Programs

No	Title	School
1	Medical Emergencies Techniques	Paramedical Sciences (Aarkook)

## Bachelor's Degree Programs

No	Title	School
1	Anesthesia Techniques*	Paramedical Sciences
2	Dental Prosthesis*	Dentistry
3	Emergency Medical Techniques (EMT)**	Paramedical Sciences
4	Environmental Health Engineering*	Public Health
5	Health Care Management	Public Health
6	Health Information Technology (HIT)	Public Health
7	Medical Laboratory Sciences (MLS)*	Paramedical Sciences
8	Midwifery	Nursing and Midwifery
9	Nursing	Nursing and Midwifery
10	Nutrition Sciences	Public Health
11	Occupational Health Engineering*	Public Health
12	Operating Room Techniques*	Paramedical Sciences
13	Public Health*	Public Health
14	Radiology Techniques	Paramedical Sciences

\* The major is offered both in continuous and discontinuous Bachelor's degrees.

\*\* Discontinues Bachelor's degree

## Master's Degree Programs

No	Title	School
1	Anatomical Sciences	Medicine
2	Biostatistics	Public Health
3	Cardiac Perfusion Technology (CPT)	Medicine
4	Clinical Biochemistry	Medicine
5	Consultation in Midwifery	Nursing and Midwifery
6	Critical Care Nursing	Nursing and Midwifery
7	Elderly Health	Public Health
8	Elderly Nursing Care	Nursing and Midwifery
9	Emergency Nursing	Nursing and Midwifery
10	Environmental Health Engineering	Public Health
11	Epidemiology	Public Health
12	Ergonomics	Public Health
13	Food Hygiene and Safety	Public Health



# Degree Programs

## Master's Degree Programs - Cont.

No	Title	School
14	Food Sciences and Industries	Public Health
15	Health Care Management	Public Health
16	Health Economics	Public Health
17	Health Education and Promotion	Public Health
18	Health Sciences in Nutrition	Public Health
19	Health Technology Assessment (HTA)	Public Health
20	Health, Safety, and Environment Management (HSE)	Public Health
21	Human Ecology	Public Health
22	Human Genetics	Medicine
23	Immunology	Medicine
24	Medical Biotechnology	Medicine
25	Medical Physics	Medicine
26	Microbiology	Medicine
27	Neonatal Intensive Care Nursing	Nursing and Midwifery
28	Occupational Health Engineering	Public Health
29	Operating Room	Paramedical Sciences
30	Parasitology	Medicine
31	Perfusion	Medicine
32	Physiology	Medicine
33	Radiation Health	Public Health
34	Waste Management	Public Health

## Professional Doctorates

No	Title	School
1	General Medicine	Medicine
2	Dentistry	Dentistry
3	Pharmacy	Pharmacy

# Degree Programs

## Medical Specialties

No	Title	School
1	Anesthesiology	Medicine
2	Cardiology	
3	Emergency Medicine	
4	ENT & Head and Neck	
5	General Surgery	
6	Infectious and Tropical Diseases	
7	Internal Medicine	
8	Obstetrics and Gynecology	
9	Occupational Medicine	
10	Ophthalmology	
11	Orthopedics	
12	Otorhinolaryngology (ENT)	
13	Pathology	
14	Pediatrics	
15	Physical Medicine and Rehabilitation	
16	Psychiatry	
17	Radiology	
18	Urology	



## Dental Specialties

No	Title	School
1	Endodontics	Dentistry
2	Operative Dentistry	
3	Oral and Maxillofacial Pathology	
4	Oral and Maxillofacial Radiology	
5	Oral and Maxillofacial Surgery	
6	Oral Medicine	
7	Orthodontics	
8	Pediatric Dentistry	
9	Periodontics	
10	Prosthodontics	

# Degree Programs

Sub-Specialty		
1	Endocrinology	Medicine
2	Neonatal-Perinatal Medicine	
3	Rheumatology	

Fellowship		
1	Endrology	Medicine
2	Nosocomial Infections	
3	Infertility	
4	Rhinology	

MPH		
1	Family Health Management	Public Health

Ph.D.		
No	Title	School
1	Biostatistics	Public Health
2	Clinical Biochemistry	Medicine
3	Environmental Health	Public Health
4	Epidemiology	Public Health
5	Health Education and Health Promotion	Public Health
6	Health in Disaster and Emergencies	Public Health
7	Medical Genetics	Medicine
8	Molecular Medicine	Medicine
9	Nutrition	Public Health
10	Reproductive Biology	Medicine
11	Iranian Medicine	Traditional Medicine

Ph.D. by Research		
No	Title	School
1	Cardiovascular Sciences	Medicine
2	Health Education	Public Health
3	Industry-Caused Diseases	Medicine
4	Reproductive Biology	Medicine
5	Social Determinants of Health (SDH)	Public Health

# Non-Degree Programs

No	School	Program Title	Duration
1	Dentistry	Class 5 Restoration	1 to 2 weeks
2	Dentistry	Essentials of Oral Medicine	1 to 12 weeks
3	Dentistry	Oral and Maxillofacial Radiology	2 weeks
4	Dentistry	Orthodontics and Dentofacial Orthopedics	1 to 12 weeks
5	Dentistry	Post and Core Fabrication	2 weeks
6	Dentistry	Principles of Endodontics	2 weeks
7	Dentistry	Principles of Periodontal Surgery	1 week
8	Dentistry	Root Canal Therapy	3 weeks
9	Medicine	Clinical Andrology	Fellowship (6 months)
10	Medicine	Clinical Rheumatology	1 to 12 weeks
11	Medicine	Cutaneous Leishmaniasis	1 week
12	Medicine	Percutaneous Nephrolithotomy (PCNL)	Fellowship (6 months)
13	Medicine	Stem cells and reproduction	6 months
14	Public Health	Community nutrition programs	2 weeks
15	Public Health	Health Economics	Fellowship (1 year)
16	Public Health	Health policy and planning	1 week
17	Public Health	Molecular detection of food-borne Sarcocystis	1 week
18	Public Health	Nutrition counseling	16 weeks
19	Public Health	Nutrition epidemiology	Fellowship
20	Public Health	Solid Waste Technology	6 months
21	Public Health	Women's health promotion program focusing on cancer prevention	2 weeks



# CENTER OF EXCELLENCE IN Infertility Treatment and Reproductive Medicine

## YAZD REPRODUCTIVE SCIENCES INSTITUTE

Director: **Prof. Abbas Aflatoonian**

- Established as the first IVF Center in Iran (1989)
- Introduced as "The Center of Excellence in Infertility" by the Ministry of Health and Medical Education (2000)
- A pioneer academic center for infertility
- Admitting up to 9000 couples annually for infertility treatment
- Publishing **International Journal of Reproductive BioMedicine** indexed in PubMed Central (PMC) and Emerging Sources Citation Index (Web of Science).
- Conducting research projects in different fields of **Reproduction, Genetics, and Stem cells**

### EDUCATION PROGRAM

- Postgraduate programs on **IVF fellowship** for gynecologists
- **Ph.D.** program on **Reproductive Biology** (both by-course and by-research)
- **Sabbatical programs** on reproduction fields for gynecologists
- **ART educational courses** for embryologists and technicians in ART labs

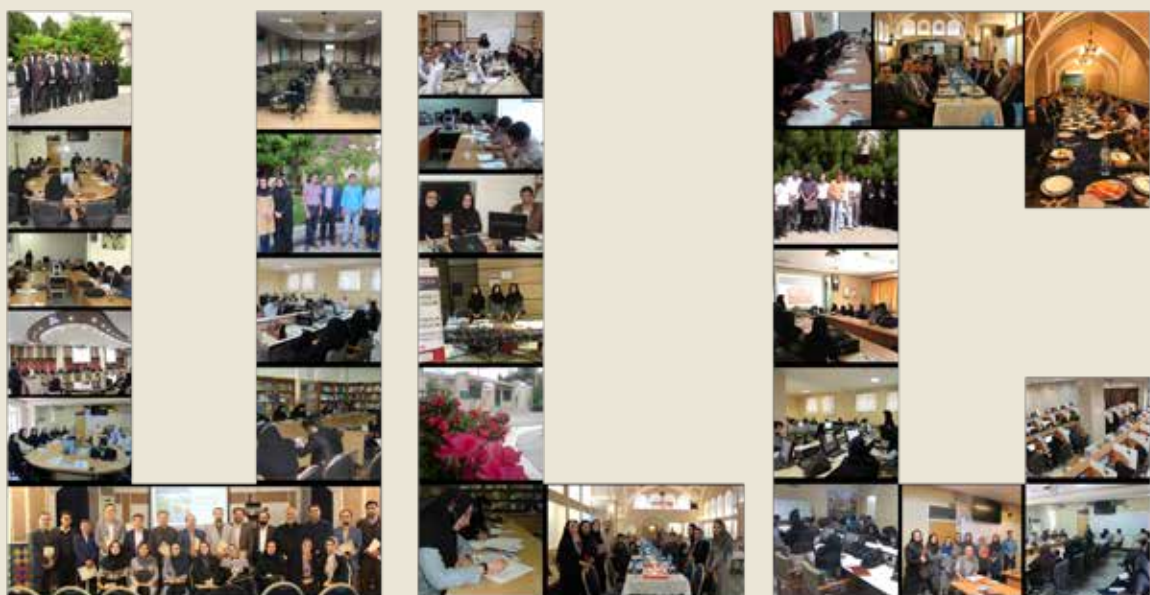
Assisted Reproductive Technology

## THERAPEUTIC ACHIEVEMENTS

THE  
**FIRST**  
ST

- Iranian IVF baby, 1990
- Iranian IUI baby using Retrograde Ejaculation, 1992
- Iranian baby using Egg Donation, 1994
- Iranian ICSI baby, 1995 (only 3 years after the world's first ICSI baby)
- Iranian baby using Epididymal sperm and Microinjection (PESA), 1996
- Iranian baby using Testicular sperm and Microinjection (TESE), 1997
- Iranian baby Frozen embryo, 1997
- Iranian baby using Testicular Round spermatid and Microinjection, 1998
- Iranian IVM baby, 2007





## UNIVERSITY LANGUAGE CENTER (ULC)

As an affiliation of International Relations Office, Shahid Sadoughi University Language Center is an academic center aiming at improving language skills among university students, faculties, and University staff in both academic and general aspects.

ULC courses consist of **General English** from elementary to advanced; **French**; **German**; preparation courses for national and international **English language tests**; as well as different workshops on **Academic Skills**.

We provide the international students with a compact **Persian language course** in a specific international platform.

**[www.ssulc.ir](http://www.ssulc.ir)**



# STUDENT SERVICES

## DORM FACILITIES

University residence halls are not just a place to sleep, rather beside furnished suites or rooms they provide students with educational and cultural facilities as they include study hall, TV hall, IT center, prayer room, health station, and consulting room.



## LIBRARIES

Students will have access to University libraries at schools and hospitals where they can search through more than 125,000 books and borrow their favorite. Also it is possible to search the library off campus.



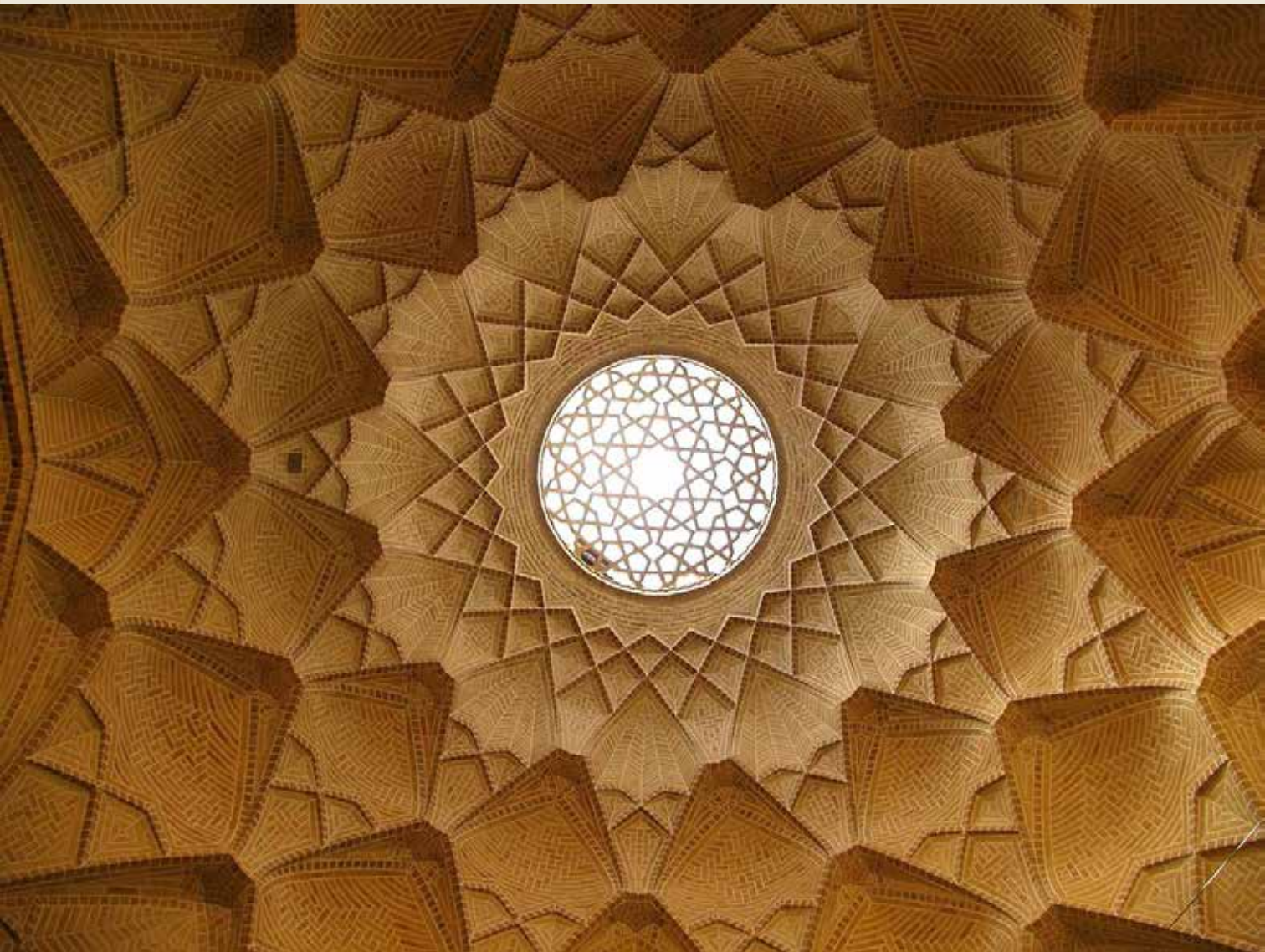
## SPORT FACILITIES

- Bodybuilding & Fitness centers
- Multi-sport game courts used for Futsal, Volleyball, Basketball, and Badminton
- Soccer field
- Table tennis court
- Dart and Chess sites
- Table football (Foosball)
- Shooting sport center
- Swimming pool

## ELECTRONIC RESOURCES

Access to electronic resources from credible databases including citation databases of Scopus and ISI Web of Science as well as OVID, ProQuest, Springer, UpToDate, ScienceDirect, and Clinical Key.





**APPLY NOW AT [www.en.ssu.ac.ir](http://www.en.ssu.ac.ir)**



# STUDY IN YAZD

## The Heart of History

Created by: **SSU International Relations Office**

Tel: +98 (35) 3725 8410

Fax: +98 (35) 3725 4750

email: [international@ssu.ac.ir](mailto:international@ssu.ac.ir)

Address: Central Administration, Bahonar Sq., Yazd 89169-78477 Iran

[www.en.ssu.ac.ir](http://www.en.ssu.ac.ir)

Designed by: Maryam Nikfard