Iran University of Medical Sciences

An Introduction to

School of Health Management and Information Sciences

SHMIS

Office of International relations
Message from the Dean

As Dean of the School of Health Management and Information Science at Iran University of Medical Science (100), I welcome you.

The School of Health Management and Health Information Science has a long and rich history and tradition of developing health care leaders who understand the complex global health care management issues.

Our Faculty has thoughtful leaders in their respective academic fields including health care services, information technology management, health economics, medical library and information science, and health in disaster and emergencies. We are proud of ourselves on conducting groundbreaking research that addresses the world's most pressing health care challenges.

Following the School's motto of "Toward Excellence", the School of Health Management, and Information Science of Iran University of Medical Sciences has devoted itself in the past Twenty years to the advancement of the health management theories and practices. Our endeavors clearly support the School's mission statement, which is to make a real difference in health management education and practices.

Our credibility is validated by the success of our alumni who play crucial roles as leaders in the national health system. The SHMIS has been recognized as the flagship of health management and economics in the country.

I look forward to welcoming those who join us.

Best regards,
S. VatanKhah
The board of Directors of the School of Health Management and Medical Information Sciences is accountable for ensuring high standards of excellence across academic programs and operations. Together, this team sets the strategic direction of the faculty and ensures that resources are in line with the School's mission statement.

S. Vatan Khan, PhD, Dean
PhD, Health Services Administration

Aidin Aryankhesal, PhD, Health Policy, and Management
Assistant Dean for Academic Affairs

Farahnaz Sadooghi, PhD, Health Information Management
Assistant Dean for Research

Rafat Bagherzadeh, PhD, Teaching English as a Foreign Language
Assistant Dean for International Relations

Mahmood Mosahebi, MD
Assistant Dean for Financial Affairs
Profile of the SHMIS

The School of Health Management and Information Sciences is part of Iran University of Medical Sciences, a prestigious and high profile medical university in the country. Currently, SHIMS includes six academic departments with 33 faculty members, providing teaching and research services to a wide range of postgraduate students.

At SHMIS, we offer Masters and PhD Programs in a variety of health-related fields. Our goal is to remain competitive in teaching and research in the field of health management and health information sciences. We have developed an academic environment where our competent academic staff and talented students are working together to advance knowledge and serve the community.

We equip our students with the knowledge and skills required for their future careers though our experienced staff and continual collaboration with industries. We are one of the most prestigious higher education institutes in Asia owing to our extensive investment in teaching and research.

Mission

Our mission is to:

- Develop globally-minded leaders and researchers who discover and apply innovative solutions to promote health and quality of life through our postgraduate programs.
- Prepare students for entry and mid-level management positions in a variety of health service organizations through our master’s programs.
- Generate scholarly knowledge and insight that advance health management theory and practice through cutting-edge research and education.
- Empower health professionals and agencies to meet complex challenges of health care policy and delivery by providing supportive consultations and professional training.

Vision

As the flagship of health management and economics in the country, we aspire to be recognized internationally as a high-ranking health management and information sciences school.

Values

Our core values at the SHMIS include:

- Pursuit of academic excellence
- Acting with integrity
SHMIS
School of Health Management and Information Sciences

- Professionalism
- Commitment to accountability and transparency
- Diversity in people and ideas
- Change and innovation

Departments

1. Health Service Management
2. Health Information Management
3. Health Economics
4. Medical Library and Information Science
5. Foreign Languages
6. Health in Disasters and Emergencies

Educational Programs

1. **Master's Programs**
   - Health Services Management
   - Health Technology Assessment
   - Health Economics
   - Medical Informatics
   - Medical Library and Information Science
   - Health Information Technology
2. **PhD Programs**
   - Health Services Management
   - Health in Disaster and Emergencies
   - Health Policy
   - Health Economics
   - Medical Informatics
   - Medical Library and Information Science
   - Health Information Management

Postgraduate Degrees

**MSc in Health Services Management (HSM)**

The program is designed to:

- Prepare students and next generation of senior managers and leaders in the health sector to conduct research in the health system.
- Provide graduates with appropriate skills for evaluating hospitals from both qualitative and quantitative perspectives.
- Enable students to administer hospitals and other healthcare organizations.
MSc in Health technology Assessment (HTA)

The Health technology Assessment Program is multidisciplinary in nature that addresses the modern technologies in health, including diagnosis and treatment. Health Technology Assessment is rigorously evidence-based and a scientifically documented area of knowledge. It assesses the effectiveness, cost-effectiveness and other effects of drugs.

MSc in Health Economics

By the end of the MSc in Health Economics, graduates should be able to:

- Demonstrate advanced knowledge and understanding of the principles and methods of economic evaluation.
- Identify economic methods applied to health policy and decision analysis.
- Assess and synthesize relevant evidence from health economic research literature.
- Implement health economics research and policy

MSc in Medical Informatics

MSc program in Medical Informatics is a new field of study which applies information technology to data saving, retrieval, and optimal use of information analysis in decision making, problem solving, and improving health care systems. The program establishes a close relationship between medical basic sciences and modern computer technology, communication and interconnections.

Medical Informatics places emphasis on the use of computer technology in all medical areas such as health care services, health education, and research. It is an interdisciplinary science which requires research and study in medical basic sciences, medical biology, communication, information technology, and software engineering. The main mission of this program is to train and empower students to use available resources optimally, decrease medical errors, and ultimately improve health systems.

MSc in Medical Library and Information Science

MSc in Medical Librarianship and Information Sciences is an interdisciplinary area of knowledge aiming to prepare competent experts to work and manage educational departments, libraries, information centers of universities and conduct related research activities. Graduates will be able to:

- Find solution for problems which may arise within medical sciences universities.
- Conduct research in the field of library and information sciences.
• Take management responsibilities in health and medical sciences libraries.
• Provide library and medical information services using information and communication technologies.

MSc in Health Information Technology

MSc in Health Information Technology has been designed to enable candidates to identify the existing technologies in the health system and implement them at all levels of health care services and delivery.

PhD in Health Services Management (HSM)

PhD in HSM program aims to develop professionals who are able to deal with contemporary global health challenges. Graduates will be prepared to function as teachers, researchers, managers, and policy makers in health-related fields.

PhD in Health Management in Disasters and Emergencies

HMDE is an interdisciplinary program which covers different stages of preparation, response and recovery as well as injury reduction in disasters and emergencies (such as natural, man-made, and biologic) disasters. Specifically, the HMDE program will enable candidates to:

• Plan and develop policies, and lead efforts in managing and reducing the risks and injuries caused by various types of disasters.
• Assist policy-makers in making sound decisions in critical situations.

PhD in Health Policy

The program aims to enable the students to address a broad spectrum of health services and policy issues at macro level and to prepare them for careers in research, teaching, and policy analysis in health services administration and policy making. The candidates will be exposed to policy-making concepts and theories so they will be able to take an analytical approach to health policies.

PhD in Health Economics

The mission of the program is to prepare doctoral students for conducting innovative and rigorous research on the economics of health and health care. The program focuses on
applying theoretical concepts and empirical methods of economic analysis to various issues throughout the health sector.

**PhD in Health Information Management (HIM)**

Graduates of the Health Information Management Ph.D. program will be able to manage database information systems. They will gain leadership skills in communicating with other professionals such as physicians, information technology administrators, etc. In addition, they will be able to identify and analyze health care data, make health information accessible with an emphasis on patient rights and confidentiality of health care information.

**PhD in Medical Informatics**

The Ph.D. programs in Medical Informatics is a combination of courses and research using knowledge, skills and tools as a multidisciplinary field interconnecting computer sciences, information and communication technologies, and medical sciences. It supports research, education, and decision making in medicine.

Medical Informatics is a field of study which is a combination of sciences whose primary objectives are collecting, storing, retrieving, analyzing, and processing health and medical information. Such sciences include computer sciences, software designing, information sciences, cognitive sciences, and human and computer interaction.

**PhD in Medical Library and Information Science**

This is an interdisciplinary program by nature making use of social sciences, health sciences, and information technology where applicable to health libraries. The program prepares students for careers in research, education, and professional practice in healthcare libraries, university libraries and other information science centers.

### Duration of degree programs

<table>
<thead>
<tr>
<th>Degree</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Science</td>
<td>2 Yrs.</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>3-4 Yrs.</td>
</tr>
</tbody>
</table>

**International Applicants**
We admit international students in the following programs:

<table>
<thead>
<tr>
<th>Department</th>
<th>Major</th>
<th>M.Sc.</th>
<th>Ph.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Services Management</td>
<td>Health Services Management</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>Health Technology Assessment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Health in Disasters and Emergencies</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Health Policy</td>
<td></td>
<td>*</td>
</tr>
<tr>
<td>Health Information Management</td>
<td>Health Information Technology</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Medical Informatics</td>
<td></td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>Health Information Management</td>
<td></td>
<td>*</td>
</tr>
<tr>
<td>Health Economics</td>
<td>Health Economics</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Medical Library and Information Science</td>
<td>Medical Library and Information Science</td>
<td>*</td>
<td></td>
</tr>
</tbody>
</table>

For further information, you may contact the office of vice-chancellor for International Affairs:
Website: [http://en.ivc.iums.ac.ir](http://en.ivc.iums.ac.ir)
Email: ivo@iums.ac.ir
Tel: +98 (21) 86702030
Fax: +98 (21) 88622692

<table>
<thead>
<tr>
<th>Contact hours:</th>
<th>Saturday-Wednesday:</th>
<th>8:30 A.M. - 2:30 P.M. (LMT), 4:30 A.M. - 10:30 A.M. (GMT)</th>
</tr>
</thead>
</table>

**Research**

The School of Health Management and Information Sciences is well known for research excellence in health information management. The School is committed to develop collaborations on research projects with other universities, industries, and organizations throughout the world. We aim to maximize the benefits of research by contributing to better public policy, improved health outcomes, and quality of life:

**Research Areas:**

- Health services management
- Health Policy
- Health information management
- Health economics
- Hospital management
Leadership in health care
Financial management in health care
Risk management in health care
Quality management in health care
Health management in disaster and emergencies
Medical librarianship and information sciences

School Library

The library collections include sources that needs of bachelor, master, and PhD students majoring in health services management and administration, medical librarianship, medical records, health information technology, health economics, health information management, health policy, and health in disaster and emergency.

Collections:
- Books in Persian: 4381
- Books in English: 3829
- Journals in Persian: 16 titles
- Journals in English: 45 titles
- Thesis and Dissertation: 865

Access to Data Banks
Patrons can access 18 data banks and electronic journals through Iran University of Medical Sciences Central Library.

School of Health Management and Information Sciences,
No. 6, Rashid Yasemi St. Vali–e Asr Ave, Tehran, Iran.
P.code: 1995614111
Tel: +98 (21) 88782919 Fax: +98 (21) 88883334
+98 (21) 88794302 Exts: 124, 128
http://shmis.iums.ac.ir ivco@iums.ac.ir
Email: shim@iums.ac.ir