**Health Services Management**

### **MSc in** **Health Services Management**

The program is designed to:

* Prepare students and next generation of senior managers and leaders in the health sector to successfully analyze and do research in the field of health system
* Provide graduates with appropriate skills for evaluating hospitals from both qualitative and quantitative perspectives
* Enable students to successfully pursue the career of managing hospitals and health care facilities
* Support graduates to do economical research in the field of hospital activities

**Prerequisite Courses**

|  |  |  |
| --- | --- | --- |
| **Course #** | **Course list** | **Credits** |
| 01\* | Medical Information Systems | 1 |
| 02 | Hospital Organization and Management | 2 |
| 03 | Principles of Healthcare Services | 2 |
| 04 | Health Information Technology | 2 |
| 05 | Budget and Financial Management in Healthcare | 2 |
| 06 | Management: Basics and Principles | 2 |
| 07 | Rules of Writing and Administrative Correspondence | 2 |
| 08 | Micro and Macro-Economics: Basics and Principles | 2 |
| 09 | Accounting Principles | 2 |
| 10 | Health Sociology | 2 |
| 11 | Marketing in Healthcare Organizations | 2 |
| 12 | Management of Organizational Behavior | 2 |
| \* | Risk Management in Disasters & Emergencies: Basics and Principles | 2 |
| **Total** | | 25 |

\* All students are required to take these courses as prerequisite courses.

In addition to the course credits, students are required to take some of the prerequisite courses with the approval of the department and the Educational Council.

**Core Courses**

| **Course #** | **Course list** | **Credits** |
| --- | --- | --- |
| 13 | Strategic Management in Health System | 3 |
| 14 | Health Systems in Iran & the World | 3 |
| 15 | Field Training (1) | 2 |
| 16 | Health Economics | 2 |
| 17 | Project Management in Health System | 2 |
| 18 | Case Seminar | 2 |
| 19 | Communication Management in Health System | 2 |
| 20 | Performance Management in Healthcare Organizations | 2 |
| 21 | Human Resource Management in Health System: Advanced | 2 |
| 22 | Field Training (2) | 2 |
| 23 | Thesis | 4 |
| **Total** | | 26 |

**Non-Core Courses**

|  |  |  |
| --- | --- | --- |
| **Course #** | **Course list** | **Credits** |
| 24 | Advanced English Language | 2 |
| 25 | Research Methods in Health Sciences | 3 |
| 26 | Epidemiology and Biostatistics | 2 |
| 27 | Insurance in Health System | 2 |
| 28 | Pharmaceutical and Medical Equipment Management | 2 |
| 29 | Ethics and Laws in Health System: Basics | 2 |
| 30 | Entrepreneurship in Health System | 2 |
| **Total** | | 15 |

Students must take 6 credits of the above courses according to the subject of their theses, with the approval of their supervisors and the Educational Council.

## **MSc in Health Technology Assessment**

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 and activities in health care system.

**Prerequisite Courses**

|  |  |  |
| --- | --- | --- |
| **Course #** | **Course list** | **Credits** |
| 01 | Principles of Epidemiology 1 | 2 |
| 02 | General Concepts of Health | 2 |
| 03 | Statistical Methods in Health Research 1 | 2 |
| 04 | Health Economics | 2 |
| 05 | Medical Information Systems | 1 |
| **Total** | | 9 |

**Core Courses (Compulsory)**

| **Course #** | **Course list** | **Credits** |
| --- | --- | --- |
| 06 | Principles of Health Technology Assessment | 2 |
| 07 | Principles of Epidemiology 2 | 2 |
| 08 | Statistical Methods in Health Research 2 | 3 |
| 09 | Qualitative Research Methods | 2 |
| 10 | Organizational Management and Evaluation | 2 |
| 11 | Economic Evaluation of Healthcare Services | 2 |
| 12 | Resource Allocation and Technology Market Analysis in Health System | 2 |
| 13 | Systematic Review and Meta-analysis Studies | 2 |
| 14 | Knowledge Transfer of Health Technology Assessment | 1 |
| 15 | Standards, Ethical and Legal Aspects of Health Technology | 1 |
| 16 | Field Training | 2 |
| 17 | Thesis | 6 |
| **Total** | | 27 |

**Non- Core Courses (Elective)**

|  |  |  |
| --- | --- | --- |
| **Course #** | **Course list** | **Credits** |
| 18 | National Health Innovation Systems and Policies | 2 |
| 19 | Medical Equipment Technology | 2 |
| 20 | Pharmaceutical Technology | 2 |
| 21 | Hospital Technology | 2 |
| 22 | Health Technology Assessment Management | 2 |
| 23 | Evidence-based Clinical Decision Making | 2 |
| 24 | Health Policy Analysis | 2 |
| **Total** | | 14 |