

## In the Name of God

### Islamic Republic of Iran Ministry of Health and Medical Education Deputy Ministry for Education

## Health Policy Doctor of Philosophy (PhD)

### Total Course Credits

- Core credits: 24
- Noncore credits: 4
- Writing dissertation: 20

### Program Description

This PhD Program is designed to provide opportunity for students to learn fundamental skills in the core areas of health systems including healthcare management, policy and economics with a specific focus on health policy including scientific and systematic analysis of policies affecting healthcare and population health. The program is specifically designed for those seeking a broader sense of knowledge and skills of health policy to improve health and healthcare in the community. It focuses on the behavior of individuals, healthcare providers, insurers, and other actors, states and local governments; and how their actions might affect health systems and medical care.

The primary objective of the course is to provide students with a thorough overview of selected topics in the field of health policy; and to acquaint graduate students with the current knowledge and work in the field of health policy with the ultimate aim of preparing them for serious research in health policy.

### Admission Requirements

- Being an MD, a Pharm-D, a Doctor of Veterinary (DV), a Doctor of Laboratory (DL), a Doctor of Dentistry (DMD) or having a master's degree (MSc) in Health Economics (all fields), Health Services Management, Epidemiology, Environmental Health, Occupational Health, Health Education and Promotion, MBA and Management awarded by an Iranian or a foreign university and approved by Iran Ministry of Health and Medical Education.
- Being eligible for entering the course according to the PhD educational rules and regulations.

\*Important note: These general conditions do not necessarily exclude specific conditions of each institute or university.

### Expected Competencies at the End of the Program

#### a) General Competencies\*

#### b) Specific Competencies and Skills

At the end of the program learners will be competent in:

- understanding and describing health systems goals and functions
- diagnosing and investigating healthcare problems and solutions
- performing analytical assessment of healthcare and health systems
- informing, educating and empowering people about healthcare problems and solutions
- mobilizing community partnerships to identify and solve healthcare problems

- developing policies and plans that support healthcare
- evaluating effectiveness, accessibility and quality of health services
- designing and developing research projects to add insights and find innovative solutions to health problems
- applying the evidence base for the development and management of policies, strategies and plans of action in healthcare
- choosing policy options, as well as cost-effective and evidence-based intervention methods in healthcare
- designing, developing, implementing and evaluating national and local strategies in healthcare
- putting strategies into practice in the national and local plans of actions
- understanding how to strengthen healthcare systems to effectively implement strategies and action plans
- understanding how to strengthen and reorient healthcare services for effective prevention, control and management of diseases, and how to measure accessibility to services
- understanding how to expand and improve the cooperation between various sectors
- making efforts to strengthen national capacity, leadership, and the interdepartmental and intersectoral approach to improve health and healthcare services
- demonstrating the importance of and the need for partnerships and interdepartmental cooperation for improvement of health and healthcare services
- financial planning and management
- Leadership and systems thinking
- policy development and program planning
- working as a professional in health system

## **Educational Strategies, Methods and Techniques\***

### **Student Assessment**

#### **a) Methods of the assessment**

Written; verbal; OSLE\*; Logbook\*\*-based assessment

#### **b)Types of the assessment**

Periodic, comprehensive (final); monitoring the progress and completion of the thesis

- Formative( Quizzes and Mid-term)
- Summative(final exam)
- Comprehensive exam
- Monitoring the progress and completion of the thesis.

### **Ethical issues**

\*Note: The related document(s) can be found at <http://hcmep.behdasht.gov.ir/>

## Tables of Courses

**Table 1. Compensatory courses**

| Course code | Course                                  | Credits | Hour | Prerequisites |
|-------------|---|---------|------|---------------|
| 01          | Medical information systems             | 1       | 26   | -             |
| 02          | Organization & management theories      | 2       | 34   | -             |
| 03          | Health economics                        | 2       | 34   | -             |
| 04          | Information system in health management | 2       | 34   | -             |
| 05          | Research methods in health systems      | 2       | 34   | -             |
| 06          | Human resources management              | 2       | 34   | -             |
| 07          | Basics and principles of politics       | 1       | 17   | -             |
| 08          | Professional language                   | 2       | -    | -             |
| 09          | Advanced statistics in management       | 2       | 34   | -             |

**Table 2. Core courses**


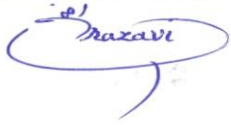
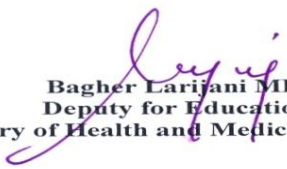
| Course code | Course   | Credits | Hour | Prerequisites |
|-------------|--|---------|------|---------------|
| 10          | Financing of health insurance                                    | 3       | 51   | -             |
| 11          | Ethical and legal rules & principle of legislation in Healthcare | 2       | 34   | -             |
| 12          | Economic appraisal of health services                            | 3       | 68   | 03            |
| 13          | Social determinants of health                                    | 3       | 68   | 05            |
| 14          | Quantitative & qualitative research methods                      | 3       | 68   | 05            |
| 15          | Policy making in health systems seminar                          | 2       | 51   | 07            |
| 16          | Strategic planning & management in health system                 | 3       | 68   | 02            |
| 17          | Healthcare policies analysis                                     | 3       | 68   | 07, 14        |
| 18          | International health   | 2       | 34   | -             |
| 19          | Dissertation (Thesis)  | 20      | -    | -             |

Note: 24 credits are necessary + thesis

**Table 3. Non Core courses**

| Course code | Course                                    | Credits | Hour | Prerequisites |
|-------------|---|---------|------|---------------|
| 20          | Seminar of reform in health sector        | 2       | 51   | 15            |
| 21          | Primary health services & family medicine | 2       | 34   | 06            |
| 22          | Resource allocation                       | 2       | 34   | 03            |
| 23          | Medical Sociology                         | 2       | 34   | -             |

Note: 4 credits are necessary

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|---|---|
| <p><b>Jamshid Hajati PhD</b><br/>           Secretariat of the Council for<br/>           Education of Health and Basic<br/>           Medical Sciences (Undergraduate<br/>           and Postgraduate)</p>  | <p><b>Seyed Mansour Razavi MD</b><br/>           Secretary of the Supreme<br/>           Council for Medical<br/>           Sciences Planning</p>  |
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