



**Tehran University of Medical Sciences
School of Nursing and Midwifery**



Reproductive Health (PhD)

(General specifications, plans and headlines)

**Final revision and editing
2016**

Section I:

Title: Reproductive Health (PhD)

Degree: PhD

Introduction

Reproductive health is a state of complete physical, mental and social well-being in all matters relating to the reproductive system. It implies that people are able to have a satisfying and safe sex life, the capability to reproduce, and the freedom to decide if, when, and how often to do so. Reproductive health should be looked at through a lifecycle approach as it affects both men and women from infancy to old age. Reproductive health at any age profoundly affects health later in life. The lifecycle approach incorporates the challenges people face at different times in their lives such as family planning, services to prevent sexually transmitted diseases and early diagnosis and treatment of reproductive health illnesses.

Definition

Reproductive health is a branch of medical health sciences that enables students to get familiar with different aspects of reproductive health including; population, nutrition, rights, epidemiology and advanced techniques related to reproductive and sterility, and undertake reproductive health planning, management, research and teaching. Graduates of this program will be working in educational, research and planning centers related to reproductive health.

The Aim of the Course

Vision

Considering the importance and the role of correct policy making and planning in reproductive health, improving the quality of services, and successfully achieving the goals of health system, and efficient human resources at degree and post-degree levels, and also by taking into account the diversity and vastness of sciences in the world and the need to train reproductive health researchers, this program can play an import role in the quality improvement of services and achieving scientific goals and objectives in the field of reproductive health.

Mission

The mission of program is to train students who are able to:

- A. Complete/provide academic faculty members of national universities and research centers in relation to midwifery and reproductive health
- B. Complete/provide committed and professional workforce for planning, management and evaluation of reproductive health
- C. Conduct research and access the latest scientific achievements in relation to reproductive health at international level.

Values

Maintaining and promoting society's health is among the main responsibilities of health and medical groups, which have also been emphasized by Islam, and are considered as mankind's rights. In this regard, paying attention to the health of women and children who are considered as vulnerable group of the society, and indicators of society's health, is particularly important. Reproductive health program also pay special attentions to women and children health. However, men are also important for reproductive health to successfully achieve its goals.

Aims

- A. To train skilled professionals capable to undertake educational duties at midwifery and reproductive health educational centers
- B. To train specialized and skilled professionals capable to conduct scientific-practical research to identify and meet the needs of educational-research centers in order to achieve scientific independency and also to expand knowledge, produce science and export it to other countries
- C. To train specialized and committed professionals capable to undertake planning and organizing duties in relation to reproductive health to improve and promote the quality of midwifery and reproductive health services

General competencies

Communication skills, interviewing, reporting, critical thinking, professionalism.

Specific Competencies and Skills (Special Qualifications)

- to undertake educational duties at midwifery and reproductive health educational centers
- To conduct scientific-practical research in order to achieve scientific independency and also to expand knowledge, produce science.
- to undertake planning and organizing duties in relation to reproductive health to improve and promote the quality of midwifery and reproductive health services

The Terms and Conditions of Admission to the Course

Applicants of this program are required to meet the general requirements of PhD programs based on rules and regulations of Ministry of Health. In addition, they are also required to have following requirements;

To have the certificate of master's degree in midwifery or PhD in general medicine, master's degree in management of health services with degree in public health, and/or master's degree in health education with degree in midwifery from one of the national or international universities approved by Ministry of Health or Ministry of Science, Research and Technology.

Reading subjects for entry exam and their credits

| No | Title of module | credit |
|----|-------------------------------------|--------|
| 1 | Reproductive health | 4 |
| 2 | Pregnancy and childbirth | 3 |
| 3 | Women's diseases and common cancers | 2 |

Educational Strategies, Methods and Techniques

Educational Strategies: Task-based learning blended learning (teacher-centered and student-centered), blended learning (attendance and DLN), problem-based learning, professional competency-based learning, and evidence-based learning.

Methods and Techniques: lecture (question & answer, video clip), journal club, case presentation, discussions in small groups, seminars and conferences, site visits (for example, Nursing Office of the

Tehran university of medical sciences, and Iranian nursing organization), and clinical and managerial practice in health care fields).

Student Assessment

Written assessment [multiple choice questions (MCQ), essay (restricted & extended answer)], oral assessment (unstructured and structured oral exams), interactive computer test, and practical assessment (projects, Portfolio, and Logbook, lab observations).

Number and Type of Credits and Tables of the Courses (including compulsory and optional

| Code | Title of module | Number of credits | Types of the module | Prerequisite |
|-------------|--|--------------------------|----------------------------|---------------------|
| 01 | Advanced English | 3 (68hours) | Theory- Practice | - |
| 02 | Computer | 2 (51hours) | Theory- Practice | - |
| 03 | Medical information technology systems | 1 (26hours) | Theory- Practice | - |
| 04 | New teaching methods and clinical teaching | 2 (51hours) | Theory- Practice | - |
| 05 | Measurement and evaluation of education's progress | 1 (17hours) | Theory | - |
| 06 | Design and devaluation of education system | 2(34hours) | Theory | - |
| 07 | Cultural, social and Sociological aspects in health | 2(34 hour) | Theory | - |
| 08 | New methods and evaluation of family planning services | 1(17 hours) | Theory | - |
| 09 | Population aspects of reproductive health | 2 (34hours) | Theory | - |
| 10 | Physical, mental and social evolution and growth | 2 (34hours) | Theory | - |
| 11 | Legal aspects of reproductive health | 2 (34hours) | Theory | - |
| 12 | Nutrition and reproductive health | 2 (34hours) | Theory | 10 |
| 13 | Empowering women and its role in the progress | 2 (34hours) | Theory | - |

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|-------------------------|--|-------------|------------------|----|
| 14 | Epidemiology of family and society | 2 (34hours) | Theory | 09 |
| 15 | Emerging diseases, sexually transmitted diseases, cancers, menopause and aging | 2 (34hours) | Theory | - |
| 16 | Policy making, reforming and improving mother and child's health systems and plans | 2 (34hours) | Theory | - |
| 17 | Planning, evaluation and management in mother and child and reproductive health | 2 (42hours) | Theory- Practice | - |
| 18 | Advanced techniques in fertility and infertility | 2 (42hours) | Theory- Practice | - |
| Optional modules | | | | |
| 19 | Comparing Iran's health system with the health systems in other countries | 2(34hours) | Theory | - |
| 20 | Country's policy making in health and related education | 2(34hours) | Theory | - |
| 21 | Comparative review of midwifery and reproductive health services and educational systems | 2(34hours) | Theory | - |
| 22 | Electronic designing and planning in health related issues | 2(34hours) | Theory | - |
| 23 | Physiology | 2(34hours) | Theory | - |
| 24 | Immunology | 2(34hours) | Theory | - |
| 25 | Genetic | 2(34hours) | Theory | - |
| 26 | Epidemiology | 2(34hours) | Theory | - |
| 27 | Nutrition | 2(34hours) | Theory | - |
| 28 | Political economy of health | 2(34hours) | Theory | - |
| 29 | Seminar of independent studies on health issues | | Theory | - |

Ethical issues

The graduates should,

- Observe the Patient's Bill of Rights¹ when working with the patients.
- Strictly observe Biosafety and Patient Safety Rules* concerning the patients, personnel and workplace.
- Observe the Rulebook for Dress Code².
- Strictly observe the Regulations of Working with the Laboratory Animals³.
- Carefully preserve resources and equipment.
- Truly respect faculty members, the staff, classmates and other students and work for creating an intimate and respectful atmosphere.
- Observe social and professional ethical considerations in criticism.

1, 2 and 3 are contained in the Enclosures.

* Biosafety and Patient Safety Rules will be set out by the Educational Departments and will be available to the students.