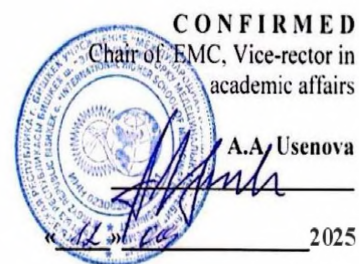


INTERNATIONAL HIGHER SCHOOL OF MEDICINE

Department of Public Health



COURSE PROGRAMME

GREEN HEALTHCARE MANAGEMENT

**For Master Program students
Academic degree of Master Program in the field
of Public Health & Medicine**

**Total load: 3 credits (90 hours)
Class work: 30 h
Students' work: 60 h
Final control: Exam**

**Considered
By the department Public Health
Protocol №1 28/08/2025**

Head: K.O. Dzhusupov

Bishkek – 2025

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Introduction. The main need to study the discipline "**Green Healthcare management**" is the formation of theoretical knowledge, basic principles and practical skills of management in the field of healthcare. The theoretical part of the course is aimed at mastering knowledge by undergraduates about the basic concepts and principles underlying management in the field of healthcare, and about the structural and functional foundations of management of a healthcare organization. The practical part of the course is aimed at the willingness to apply modern management methods and models to improve the efficiency of the health system, as well as to develop management solutions to improve the efficiency of a medical organization.

Learning objectives of the course. Upon completion of the "**Green Healthcare Management**" course, students will be able to demonstrate and describe various healthcare management organizations:

- ◆ Compare practices of professionalism in the healthcare setting.
- ◆ Analyze alternative management solutions in healthcare related problems and challenges.
- ◆ Discuss how global health issues affect the Kyrgyz Republic and other countries healthcare systems.
- ◆ Describe the framework in which healthcare services are produced, coordinated, consumed, and reimbursed.
- ◆ Demonstrate knowledge of strategic planning and decision making in the healthcare organizations.
- ◆ Demonstrate cultural competence in green healthcare through collaboration and teamwork.

Students will learn to:

- ◆ Training of doctoral students who will become professionals in all fields of medicine and healthcare. Increase awareness and responsiveness to the needs of local and global communities.
- ◆ Protection of patients' rights and observance of the principle of equal access to medical care.
- ◆ Encouraging dedication to the profession and leadership.

Expected results of the study of the discipline:

- ◆ He/she will be able to manage medical organizations, analyse socio-economic problems and social processes, and use methods of socio-economic relations in the healthcare system, taking into account the needs of society.
- ◆ He/she will be able to use management methods in healthcare; organize the work of public and private medical organizations and institutions; find and make responsible management decisions in the context of public and global public health, within the framework of his professional competence.

Teaching strategy. The course will be given with the use of research-based learning mainly. The lectures and practice will exploit also evidence-based learning, case studies and descriptive methods.

Assessment Strategies. Students will identify a dataset and develop and test hypotheses. This project will be completed in separate assignments then presented in a final 10-minute presentation and a report. Choosing the topic of the dissertation, the main criteria should be:

- relevance;
- novelty;
- prospects;

- the presence of a theoretical basis for the author and the team, where he will perform the work;
- availability of research tools for Master Program students.

1. MSR Modules: These modules include screen shots with directions to generate univariate and bivariate descriptive analyses, plots, and tests.
2. Word Problems from the Textbook
3. Exams: Students will also be tested on general course material in quiz and exam format.

Grading Scale & Criteria: Student performance will be evaluated on:

- Assignments (30%)
- Quizzes, Midterm Exam, and Final Exam (30%)
- Bivariate Analysis Project (BAP) (35%)
- Class Participation (5%)

Readings

- 1) Howard Frumkin, Christine Coussens. Roundtable on Environmental Health Sciences, Research, and Medicine Board on Population Health and Public Health Practice. The national Academies Press. Washington D.C. 2007. International Standard Book Number-13: 978-0-309-10592-7 International Standard Book Number-10: 0-309-10592-7.
- 2) Столяров С.А. Менеджмент в здравоохранении. Учебник для ВУЗов. М.: Юрайт. - 2019. С. 764.
- 3) Питер Конгстведт Управление медицинской помощью. Практическое руководство. М.: Геотар медицина. 2000. С. 743.
- 4) G.V.R.K. Acharyulu Bhimaraya Metri L. Kalyan Viswanath Reddy / Healthcare and Hospital Management Contemporary Issues and Strategies. First Edition: New Delhi, 2014 /ISBN: 978.
- 5) Багдасарян Д.Г. Методические материалы (указания, разработки, рекомендации) по дисциплине «Правовое регулирование деятельности организаций здравоохранения». Ультралит. М.: -2014. С. 121.
- 6) Носырев С.П. От менеджмента качества медицинской помощи к качеству менеджмента. //Менеджмент в здравоохранении. 2006. №9.
- 7) Юрасова М.В. Современные подходы к управлению качеством. //Вестник МГУ им. Ломоносова. №1. М.: - 2011. С. 112-125.
- 8) Ильясова А.Р. Основы экономики здравоохранения: учебное пособие/ А.Р.Ильясова. – Казань: Изд-во Казан. ун-та, 2019. – 86 с.
- 9) Sherman Folland, Allen C. Goodman, Miron Stano. The Economics of Health and Health Care. 5th Edition. ISBN 0132279428 (ISBN13: 9780132279420).
- 10) Александрова А.В. Стратегический менеджмент: Учебник / Н.А. Казакова, А.В. Александрова, С.А. Курашова, Н.Н. Кондрашева. - М.: НИЦ ИНФРА-М, 2013. С. 320.
- 11) Волкогонова О.Д. Стратегический менеджмент: Учебник / О.Д. Волкогонова, А.Т. Зуб. - М.: ИД ФОРУМ, НИЦ ИНФРА-М, 2015. - 256 с.
- 12) Анненкова Е.Н., Кондрашова Е.С. Трудовая мотивация врачей: зарубежный опыт // В сборнике: Модернизация современного общества: инновации, управление, совершенствование: экономические, социальные, общенаучные закономерности и тенденции: в 3-х частях. Новосибирский государственный технический университет, 2015. С. 16-19.
- 13) Лактионова Л.В., Матюхина О.М. Информационное обеспечение деятельности медицинского учреждения. Клиническая практика. №1. М.: - 2013. С. 43-51.
- 14) Paul J. Feldstein. Health Care Economics (Delmar Series in Health Services

Administration). 6th Edition. ISBN 1401859798 (ISBN13: 9781401859794).

Online resources:

1. The World Health Organization [Electronic resource]. A regional strategy for universal health coverage. - Access mode: <https://apps.who.int/iris/handle/10665/273650>.
2. The program of the Government of the Kyrgyz Republic on public health protection and development of the healthcare system for 2019-2030 "A healthy person is a prosperous country". - Access mode: <http://cbd.minjust.gov.kg/act/view/ru-ru/12976?cl=ru-ru>
3. Russian Association of Endocrinologists. Implementation of programs in the field of healthcare. - Access mode: <https://rae-org.ru/news/realizaciya-programm-v-sfere-zdravoohraneniya>

Number of hours required to students to cover the course. According to the ISM's educational standards the course should cover:

Semester	Credits number	Lectures	Lessons	Students' independent work	Total hours
1	3	10	20	60	90
Total	3	10	20	60	90

The course units

№	Unit's topic	Total hours	Class work				Independent work		
			Lectures	Lessons	Unit	Total	Assignment	Literature review	Total
1	Management and legal activities in green healthcare organizations	30	2	3	1	5	16	4	20
2	Sustainable Healthcare Facilities	30	1	3	1	4	16	4	20
3	Financial and economic activities of medical organizations	30	2	4	1	6	16	4	20
	Total	90	5	10	3	15	48	12	60