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Federal State Autonomous Educational Institution of Higher Education

PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA

RUDN University

Institute of Medicine

educational division (faculty/institute/academy) as higher education programme developer

COURSE SYLLABUS

History of Medicine

course title

Recommended by the Didactic Council for the Education Field of:

31.05.01 General Medicine

field of studies / speciality code and title

The course instruction is implemented within the professional education programme of higher education:

General Medicine

higher education programme profile/specialisation title

2022-2023

1. THE GOALS OF MASTERING THE DISCIPLINE

1. COURSE GOAL(s)

The goal of the course “History of Medicine” is to equip students with knowledge of history, appropriateness and logic development of healing, medicine, medical activities and Public Health from Early being of man kind till our days.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) “History of Medicine” is aimed at the development of the following competences /competences in part:

General Competence- (GC)-1,5

General Professional Competences- (GPC)-1

Table 2.1. List of competences that students acquire through the course study

Competence code	Competence descriptor	Competence formation indicators (within this course)
GPC-1	Being able to implement moral and legal norms, ethical and deontological principals in professional activity	GPC-1.2. Being able to present professional information in the process of intercultural interaction observing the principles of ethics and deontology
GC-1	Being able to implement critical analysis of problem situations based on systems approach, develop an action strategy	UC-1.2. Assessing in a critical way the reliability of information sources, working with contradictory information from different sources
GC-5	Being able to analyze and take into account cultural diversity in the process of intercultural communication	UC-5.1. Understanding communication rules, traditions and norms of foreign countries

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the core/variable/elective* component of (B1) block of the higher educational programme curriculum.

* - Underline whatever applicable.

Within the higher education programme students also master other (modules) and / or internships that contribute to the achievement of the expected learning outcomes as results of the course study.

Table 3.1. The list of the higher education programme components/disciplines that contribute to the achievement of the expected learning outcomes as the course study results

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
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GPC-1	Being able to implement moral and legal norms, ethical and deontological principals in professional activity	Philosophy, Main Bio-medical sciences (Anatomy, Biology and Genetics, Histology and Embryology, Microbiology, Physiology), Latin language	Internal Diseases, Surgery , Obstetrics and Gynaecology, Traumatology, Infectious diseases and Epidemiology
GC-5	Being able to analyze and take into account cultural diversity in the process of intercultural communication	World History, National History, Philosophy, Latin	Internal Diseases, Surgery, Obstetrics and Gynaecology, Traumatology, Infectious diseases and Epidemiology
GC-1	Being able to implement critical analysis of problem situations based on systems approach, develop an action strategy	Philosophy, Main Bio-medical sciences (Anatomy, Biology and Genetics, Histology and Embryology, Microbiology, Physiology), Latin	Internal Diseases, Surgery, Obstetrics and Gynaecology, Traumatology, Infectious diseases and Epidemiology

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course “History of Medicine” is 3 credits (108 academic hours).

Table 4.1. Types of academic activities during the periods of higher education programme mastering (full-time training)*

Types of academic activities	TOTAL, academic hours (ac.h)	semesters	
		IV	
Contact academic hours	72	72	
including:			
Lectures (LC)	36	36	
Lab work (LW)			
Seminars (workshops/tutorials) (S)	36	36	
Self-studies	36		
Evaluation and assessment (exam/passing/failing grade)			
Course workload	academic hours	108	108
	credits	3	3

5. COURSE CONTENTS

Table 5.1. Course contents and academic activities types

Course module title	Course module contents (topics)	Academic activities types
Module 1 Introduction. Early kinds of healing	Formation of human society, and early kinds of healing Healing during the maturity of prehistoric society Healing during the decline of prehistoric society Folk medicine	LC, S
Module 2 Healing and Medicine in Ancient East civilizations	Common characteristics of healing and Medicine in Ancient civilizations Healing and Medicine in Ancient Mesopotamia (Sumer, Babylonia, Assyria) Healing and Medicine in Ancient Egypt Healing and Medicine in Ancient India Healing and Medicine in Ancient China	LC, S
Module 3 Healing and Medicine in Ancient Mediterranean countries	Healing and Medicine in Ancient Greece Healing and Medicine in Ancient Rome	LC, S
Module 4 Medieval Medicine (V–XV centuries)	Medicine in the Byzantine Empire Medicine in the Caliphates (VII–X centuries) Medicine in Middle and Central Asia (X–XV centuries) Medicine in Medieval Western Europe (V–XV centuries) Medicine in Medieval Rus (IX–XV centuries)	LC, S
Module 5 Medicine in Early Modern Time (XV – early XVII century)	Renaissance Medicine in Western Europe Medicine in the Americas before and after the conquest (Mayas, Aztecs, Incas) Medicine in the Russia State (XV–XVII centuries)	LC, S
Module 6 Bio-medical Sciences in Modern Time (mid XVII–XIX century)	10. The greatest discoveries in natural sciences Biology and Genetics Anatomy Histology and Embryology Pathology Microbiology Physiology and Experimental Medicine	LC, S
Module 7 Clinical Medicine in Modern Time (mid XVII–XIX century)	Internal Medicine. The first physical methods for clinical examination. Medical education The Russian medicine and education in XVIII–XIX centuries Infectious diseases and Epidemics Problems and progress of Surgery in Modern Time. History of Nursing	LC, S
Module 8 Medicine and Public Health in the XX century. History of Medical Ethics	History of Nobel Prizes. The Nobel prizes in Physiology or Medicine Medicine and Public Health in Russia in the late XIX – XX century International co-operation in Public Health and Medicine (International Red Cross; World Health Organization; World Physicians against the Nuclear War)	LC, S

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Classroom equipment and technology support requirements

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
Lecture	A lecture hall for lecture-type classes, equipped with a set of specialised furniture; board (screen) and technical means of multimedia presentations.	
Lab work	A classroom for laboratory work, individual consultations, current and mid-term assessment; equipped with a set of specialised furniture and machinery.	List of specialised laboratory equipment, machinery, stands, etc.
Seminar	A classroom for conducting seminars, group and individual consultations, current and mid-term assessment; equipped with a set of specialised furniture and technical means for multimedia presentations.	List of specialised equipment, stands, visual posters, etc.
Computer Lab	A classroom for conducting classes, group and individual consultations, current and mid-term assessment, equipped with personal computers (in the amount of ___ pcs), a board (screen) and technical means of multimedia presentations.	List of specialised software installed on computers for mastering the discipline
Self-studies	A classroom for independent work of students (can be used for seminars and consultations), equipped with a set of specialised furniture and computers with access to the electronic information and educational environment.	

7. RESOURCES RECOMMENDED FOR COURSE STUDY

Main readings:

1. **Companion Encyclopedia of the History of Medicine:** In 2 vol. / Edited by W.F.Bynum and Roy Porter. – London, 1993. – 778, 997 pp.
2. *Ellis, Harold. A History of Surgery.* London:Greenwich Medical Media Ltd; 2002. 264 p.
3. *Porter, Roy. The Greatest Benefit to Mankind: A medical history of humanity from Antiquity to the Present.* London: Fontana Press; 1999. 833 p.
4. *Rooney, Ann. The story of Medicine: From early healing to the miracles of modern medicine.* London: Arcturus; 2011. 208 p.

Additional readings:

5. **Companion Encyclopedia of the History of Medicine:** In 2 vol. / Edited by W.F.Bynum and Roy Porter. – London, 1993. – 778, 997 pp.
6. *Ellis, Harold. A History of Surgery.* London:Greenwich Medical Media Ltd; 2002. 264 p.
7. *Porter, Roy. The Greatest Benefit to Mankind: A medical history of humanity from Antiquity*

to the Present. London: Fontana Press; 1999. 833 p.

8. *Rooney, Ann. **The story of Medicine***: From early healing to the miracles of modern medicine. London: Arcturus; 2011. 208 p.

9. *Sorokina T.S. Russian nursing in the Crimean War* // The Journal of the Royal Society of Physicians of London. — 1995. — Vol. 29. — No 1. — P. 57—63.
10. *Sorokina T.S. Nursing in the Russian-Turkish wars (1853–1856, 1877–1878)* // Proceedings: 38th International Congress on the History of Medicine. In three vol. — Vol. 2. — Ankara, 2004. — P. 1025–1028.
11. *Sorokina T.S. Zemstvo physician – a prototype of modern General Practitioner* // 40th International Congress on the History of Medicine. August 26-30, 2006. PROCEEDINGS. V. 1. — Budapest, 2006. — P. 215-218.
12. *Sorokina T.S. Hypoxia: from the first historical documents to prevention and treatment* // Journal “Analecta Historico Medica”. — Año VI. № 1. — 2008. — P. 179–190.
13. *Sorokina T.S. The Great Russian Surgeon Nikolay Ivanovich Pirogov (1810–1881)* (bicentenary of his Birthday) // Vesalius: Acta Internationalia Historiae Medicinae. — 2011. — Vol. XVII. — №1. — P. 10–15/
14. *Sorokina T.S. A Victory over the Plague in Moscow 1770–1772*. In: Vesalius: Acta Internationalia Historiae Medicinae. June, 2013. XIX (1): 11–18.
15. *Sorokina T. Eugeny Tareyev (1895-1986), a founding pioneer of Nephrology in Russia, and Europe*. Journal of Nephrology. November-December 2013; 26:22:60-62.
16. *Sorokina, Tatiana S. “The Great Silk Road” and the first Description of Hypoxia* // In: **Vesalius: Acta Internationalia Historiae Medicinae**. — Vol. XXII, No. 2 (Supp), December, 2016: 53– 58.
17. *Ermolayev A.V., Sorokina, T.S. On the History of discovery of bacteriophages* // **History of Medicine**. 2018. №1. C. 78-84

Internet (based) sources

- 1. Electronic libraries with access for RUDN students:
 - Electronic library network of RUDN – ELN RUDN <http://lib.rudn.ru/MegaPro/Web>
 - ELN «University Library online» <http://www.biblioclub.ru>
 - ELN Urait <http://www.biblio-online.ru>
 - ELN «Student Advisor» www.studentlibrary.ru
 - ELN «Lan» <http://e.lanbook.com/>
- 2. Databases and search engines:
 - electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
 - search system Yandex <https://www.yandex.ru/>
 - search system Google <https://www.google.ru/>
 - abstract database SCOPUS <http://www.elsevierscience.ru/products/scopus/>

Training toolkit for self- studies to master the course *:

1. The set of lectures on the course “History of Medicine”

* The training toolkit for self- studies to master the course is placed on the course page in the university telecommunication training and information system under the set procedure.

8. ASSESSMENT TOOLKIT AND GRADING SYSTEM* FOR EVALUATION OF STUDENTS' COMPETENCES LEVEL UPON COURSE COMPLETION

The assessment toolkit and the grading system* to evaluate the competences formation level (GC-1, GC-5, GPC-1) upon the course study completion are specified in the Appendix to the course syllabus.

* The assessment toolkit and the grading system are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).

DEVELOPERS:

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name and surname

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