

<i>Name of the course</i>	History of medicine			Code	
<i>Type of study program Cycle</i>	Integrated University Study, Medicine			Year of study	IV
<i>Credits (ECTS) :</i>	1	<i>Semester</i>	VII	Number of hours per semester (1+e+s)	15 (10P + 5S)
<i>Status of the course:</i>	mandatory	<i>Preconditions:</i>	Passed all exams of the 3 rd year	<i>Comparative conditions:</i>	
<i>Access to course:</i>	4 th year medical students			<i>Hours of instructions:</i>	According to schedule
<i>Course teacher:</i>	Professor Gordana Pavleković, MD, PhD				
<i>Consultations:</i>	As agreed				
<i>E-mail address and phone number:</i>	gpavleko@snz.hr ; +385 91 729 8207				
<i>Associate teachers</i>					
<i>Consultations:</i>					
<i>E-mail address and phone number:</i>					
<i>The aims of the course:</i>	<p>The aim of this course is to enable students to understand:</p> <ol style="list-style-type: none"> 1. the development of the key medical paradigms in different historical periods; 2. the changes in the development of skills and knowledge between respective medical professions; 3. the effect of contextual environment onto the development of the profession and health services throughout the history 4. the connection of the development of medicine through history with modern medicine and its further advancement both worldwide and locally 				
<i>Learning outcomes (general and specific competences):</i>	<ol style="list-style-type: none"> 1. Remembering and understanding the historical development of medical paradigms and medical specialties and their influence to modern medicine 2. Remembering and understanding the importance of the development of experimental method in the foundation of scientifically proven medical knowledge 3. Remembering the important achievements in historical periods and understanding their connections with modern medical science and practice 4. Understanding and critically analyzing the development of medical profession and healthcare institutions throughout the history and link it to contemporary challenges in medicine and 				

	<p>healthcare</p> <p>5. Remembering the accomplishments of significant people that have affected medicine and healthcare throughout the history both locally and worldwide.</p>			
Course content (Syllabus):	<p>The purpose and aims of the medical history course in practical and scientific medical work.</p> <p>History of medicine in the view of cultural and social changes and the development of natural sciences.</p> <p>Development of medical profession and schools.</p> <p>Development of healthcare and healthcare institutions. Historical challenges in the development of medical ethics.</p> <p>Medicine of the oldest nations – ancient medical culture outside of Europe – Mesopotamia, Egypt, India, China.</p> <p>Influence of antic medicine to development of modern medical science – medical heritage of Hippocrates and Galen</p> <p>Middle age monastery and scholastic medicine.</p> <p>Medicine of renaissance and enlightenment.</p> <p>Great reformates in medicine.</p> <p>Development of modern medicine (19th and 20th century).</p> <p>Contribution of Franciscians to healthcare in Bosnia and Herzegovina, important people in local history of medicine.</p>			
Format of instruction (mark in bold)	Lectures	Exercises	Seminars	Independent assignments
	Consultations	Work with mentor	Field work	Other
	Reminders:			
Student responsibilities	Compulsory attendance, activities based on critical thinking according to up to date knowledge, experience and logical connecting of the past, current and future medical advancement.			
Screening student work (mark in bold)	Class attendance	Class participations	Seminar essay	Practical training
	Oral exam	Written exam	Continuous assessment	Essay
Detailed evaluation within a European system of points				
STUDENTS RESPONSIBILITIES	HOURS	PROPORTIONS OF ECTS CREDITS	PROPORTION S OF MARK	
Class attendance and participations	0	0	0%	
Seminar essay	0	0	0%	
Written exam	30	1	100%	
Oral exam	0	0	0%	

<p>Further clarification: According to the regulations of the study, final grade is obtained: A = 91-100% 5 B = 79 to 90% 4 C = 67 to 78% 3 D = 55 to 66% 2 F = 0 to 54% 1</p>	
Required literature:	<p>Grmek MD, Budak A. Uvod u medicinu. Zagreb: Nakladni zavod Globus, 1996. (odabrana poglavlja): Škrobonja A, Muzur A, Rotschild V. Povijest medicine za praktičare. Rijeka: Adamić, Rijeka, 2003. (odabrana poglavlja) Fatović-Ferenčić S, Tucak A. Medicinska etika. Zagreb: Medicinska naklada, 2011. (odabrana poglavlja) Bilješke uz nastavu</p>
Optional literature:	<p>Glesinger L. Povijest medicine. Zagreb: Školska Knjiga, Zagreb, 1978. Belitza B. Čitanka iz povijesti medicine. Zagreb: Medicinski fakultet Sveučilišta u Zagrebu, 1984. Thomas L. Najmlađa znanost – bilješke promatrača medicine. Zagreb: Medicinska naklada, 1995. Marušić M. Medicina iznutra. Zagreb: Medicinska naklada, 2006. Habek D. Povijest medicine. Zagreb: Medicinska naklada, 2015.</p>
Additional information about the course	<p>Monitoring methods of teaching quality:</p> <ul style="list-style-type: none"> - student questionnaire - quality analysis by students and teachers - exam results analysis - report of the office for teaching quality - external evaluation (visit of team for quality control)

Annexes: calendar classes

The number of teaching units	TOPICS AND LITERATURE
I.	<p>Title: History of medicine in the view of cultural and social changes and the development of natural sciences.</p> <p>Short description: Genesis and development of original, pre-scientific, scientific and quazi- scientific medical systems. Reaches and distractions regarding medical practice established on empirically-rational, metaphysical, magically-religious and philosophical model concerning human understanding of the phenomenon of life and death, health and disease in medical systems of</p>

	ancient non-European cultures. Historically-medical interpretation of the origin of modern ethnic, cultural and social variations in the understanding of health and disease, life and death.
	Literature: As stated above.
II.	Title: Development of medical profession and schools.
	Short description: Journey of becoming a doctor throughout various historical eras. Influence of social changes and science to the set of skills doctors should have. Development of medical schools locally and worldwide and its impact on modern education. Reforms in medical education by the end of 20th century and their influence to the future development of medical education.
	Literature: As stated above.
III.	Title: Development of healthcare and healthcare institutions.
	Short description: Development of healthcare institutions through history (hospitals, primary healthcare). Factors that have influenced the development of healthcare as an individual profession. Healthcare reforms viewed through social and economic environment.
	Literature: As stated above.
IV.	Title: Historical challenges in the development of medical ethics.
	Short description: Development of medical ethics through history. Similarities and differences in medical ethics then and now. Challenges of medical ethics from antics to 21st century. Development of ethical declarations, codes and lawmaking.
	Literature: As stated above.
V.	Title: Medicine of the oldest nations.
	Short description: Ancient medical culture outside of Europe – Mesopotamia, Egypt, India, China. Most important accomplishments and their influence today.
	Literature: As stated above.
VI.	Title: Antic medicine
	Short description: Influence of antic medicine to the development of modern medical science. Characteristic of medicine in antics. The role of Hippocrates in the history of medicine. Roman medicine before Galen. Galens' impact on medical development.
	Literature: As stated above.
VII.	Title: Middle age medicine
	Short description: Characteristics of middle age medicine and its impact on the development of medicine: Constantinopolitan medicine, Arabian medicine, Monastery medicine, Scholastic medicine. Epidemics, pharmacy, Dalmatian cities.
	Literature: As stated above.
VIII.	Title: Medicine of renaissance and the beginning of the new

	<p>Short description: Reforms in anatomy, surgery and epidemiology. The making of medical sciences in the light of natural science blooming. Meaning of quantitative experimental research methods. Origin and instruction of the development of medical concepts based on the achievements in the field of physics, chemistry and biology.</p>
	<p>Literature: As stated above.</p>
IX.	<p>Title: Medicine of the 19th and 20th century</p>
	<p>Short description: Scientific and technical revolution in the field of biomedical science and medical practice. Characteristics and important achievements in the development of medical specialties: pathological anatomy, physiology, bacteriology and serology, clinical medicine, surgery, psychiatry, radiology, public health.</p>
	<p>Literature: As stated above.</p>
X.	<p>Title: important people in local history of medicine</p>
	<p>Short description: Franciscans' contribution to healthcare in Bosnia and Herzegovina. Stjepan Kukrić and his role in the battle against tuberculosis in Bosnia and Herzegovina at the beginning of the 20th century. The importance of knowing Croatian medical heritage and the development of healthcare culture in the solving of the problems of the present and the past problems of medical practice regarding public health services and medical research. The role and importance of Andrija Štampar locally and worldwide</p>
	<p>Literature: As stated above.</p>