

<i>Name of the course</i>	Introduction to Medicine and History of Medicine			Code	
<i>Type of study program Cycle</i>	Integrated studies program, medicine			Year of study	I
<i>Credits (ECTS) :</i>	6	<i>Semester</i>	I	Number of hours per semester (1+e+s)	90 (44+15+31)
<i>Status of the course:</i>	mandatory	<i>Preconditions:</i>		<i>Comparative conditions:</i>	
<i>Access to course:</i>	First year students			<i>Hours of instructions:</i>	According to schedule
<i>Course teacher:</i>	Prof. Davor Štimac, MD, PhD Prof. Boris Lukšić, MD, PhD Prof. Danijel Pravdić, MD, PhD Prof. Nikolina Pravdić, MD, PhD Prof. Darko Duplančić, MD, PhD Prof. Josip Mišković, MD, PhD Prof. Sandra Kostić PhD Prof. Marjana Jerković Raguž, MD, PhD				
<i>Consultations:</i>	Mondays and Thursdays from 12 to 13 or according to deal				
<i>E-mail address and phone number:</i>	katarina.vukojevic@mef.sum.ba gpavleko@snz.hr				
<i>Associate teachers</i>	Emil Babić, MD, PhD Nataša Pejanović Škobić MD, MSc Prof. J. Grbeša Dr. Josip Lesko				
<i>Consultations:</i>					
<i>E-mail address and phone number:</i>					
<i>The aims of the course:</i>	The aims of this course are: <ul style="list-style-type: none"> - To introduce students with studying in medical school. - To understand the medicine through history and overview the way of studying in Europe and the world. - Understanding the role of doctors in the health system and in the society. - Analyzing the definition of the health and health system in the immediate and wider environment. - Understanding the unique medical Latin through basics of Latin language. Through History of Medicine course, to enable students to understand:				

	<ul style="list-style-type: none"> - the development of the key medical paradigms in different historical periods; - the changes in the development of skills and knowledge between respective medical professions; - the effect of contextual environment onto the development of the profession and health services throughout the history - the connection of the development of medicine through history with modern medicine and its further advancement both worldwide and locally 				
<p><i>Learning outcomes (general and specific competences):</i></p>	<p><u>General outcomes:</u> Applying the independent learning through the study in the way of critical and self-critical questioning of scientific truth.</p> <p>Remembering the possession of personal qualities (team work and personal contribution, interest, active listening, and building positive relationships with members of the group).</p> <p><u>Specific outcomes:</u> Remembering and understanding the historical development of medical paradigms and medical specialties and their influence to modern medicine</p> <p>Remembering and understanding the importance of the development of experimental method in the foundation of scientifically proven medical knowledge</p> <p>Remembering the important achievements in historical periods and understanding their connections with modern medical science and practice</p> <p>Understanding and critically analyzing the development of medical profession and healthcare institutions throughout the history and link it to contemporary challenges in medicine and healthcare</p> <p>Remembering the accomplishments of significant people that have affected medicine and healthcare throughout the history both locally and worldwide.</p>				
<p><i>Course content (Syllabus):</i></p>	<p>Teaching consists of subunits: Introduction to medicine, Latin language, Medical sociology, First aid, Health care, History of Medicine and exercises.</p>				
<p><i>Format of instruction</i></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">Lectures</td> <td style="width: 25%; text-align: center;">Exercises</td> <td style="width: 25%; text-align: center;">Seminars</td> <td style="width: 25%; text-align: center;">Independent assignments</td> </tr> </table>	Lectures	Exercises	Seminars	Independent assignments
Lectures	Exercises	Seminars	Independent assignments		

(mark in bold)	Consultations	Work with mentor	Field work	Other
	Remarks: The teaching of each unit begins with lectures, followed by seminars and exercises. At the seminars, students receive problem tasks that are analyzed in small groups. At the end of the seminar a quiz-test is conducted, and then students analyze the correct answers with explanations of problems. During exercises, students are applying the image of the work at certain clinics and at the end take preliminary test on given exercises.			
Student responsibilities	Final exam, tests, attendance and participation in class. Students will be evaluated based on: <ul style="list-style-type: none"> • Active participation in seminars and exercises. • Preparation of teaching units for seminars • Reading of teaching texts and development of their own critical thinking about the material and expression of the same thinking. • Work in small groups 			
Screening student work (mark in bold)	Class attendance	Class participations	Seminar essay	Practical training
	Oral exam	Written exam	Continuous assesment	Essay
Detailed evaluation within a <i>European system of points</i>				
STUDENTS RESPONSIBILITIES	HOURS	PROPORTIONS OF ECTS CREDITS	PROPORTION S OF MARK	
Class attendance and participations	90	1,5	0%	
Seminar essay	30	1	0%	
Written exam	60	3,5	100%	
Oral exam	0	0	0%	
Further clarification: <u>Exam is written and oral.</u> Written test (completed written test is 100% of the grade) All students who attended the teaching block have the right to take the tests. After the end of the course written exam will covers materials from the History of medicine, Introduction to medicine, Medical sociology and First aid and Health care. The assessment criteria of written exam: The total percentage of correct answers needed to pass is 55%.				
Required literature:	Introduction to Medicine 1. Detels R, Beaglehole R, Lansang MA, Gulliford M editors. Oxford Textbook of Public Health, 5th ed. Oxford University Press, New York 2011. History of Medicine			

	<p>01. Porter R. The Greatest Benefit to Mankind: A Medical History of Humanity. Fontana Press; 1999. (Chapters II, III, V, VIII, IX, X and XI)</p> <p>First Aid Jerry P. Nolana,*, Jasmeet Soarb, David A. Zidemanc, Dominique Biarentd, Leo L. Bossaerte, Charles Deakinf, Rudolph W. Kosterg, Jonathan Wyllieh, Bernd Böttigeri, on behalf of the ERC Guidelines Writing Group: European Resuscitation Council Guidelines for Resuscitation 2015. Resuscitation 81 (2015).</p> <p>Introduction to Medical Terminology: Handouts and Dorland's Illustrated Medical Dictionary, Saunders</p>
<i>Optional literature:</i>	<p>Additional literature will be assigned individually during the seminar preparations according to the seminar theme.</p> <p>Cartwright FF, Biddiss M. Disease and History: Sutton Publishing, 2004.</p> <p>Green V, The Madness of Kings: The History Press, 2005.</p>
<i>Additional information about the course</i>	<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

<i>The number of teaching units</i>	TOPICS AND LITERATURE
I.	<p>Title: What is the medicine? Study of medicine, division of medicine and the role of the doctor.</p> <p>What is the health (WHO definition), how to preserve it and improve it?</p> <p>Short description: basic concepts of medicine and the study of medicine</p> <p>Literature: required and optional</p>
II.	<p>Title: The main health problems in FBiH (in terms of organization of health care and health insurance)</p> <p>Short description: Condition of Health in FBiH and the most obvious problems encountered</p> <p>Literature: required and optional</p>
III.	<p>Title: What is the disease, how to prevent it and treat its effects. Looking back in history of medicine. Birth of modern medicine.</p> <p>Short description: The definition of the disease, the relation of the patient, the disease, and the relationship between the doctor and the disease and the doctor and the patient.</p> <p>Literature: required and optional</p>
IV.	<p>Title: Medical Sociology, Health behavior: positive, promotional and illness. Theoretical approaches to the relationship doctor-patient.</p>

	Short description: a short introduction to the concepts and definitions of health and the relationship between behavioral sciences and medicine
	Literature: required and optional
V.	Title: Medical Sociology: Theory of stress and social support .The main forms of social anomie. Career patients.
	Short description: basics of stress and its influence on the health of patients
	Literature: required and optional
VI.	Title: Medical Sociology, Health behavior: positive, promotional and illness. Theoretical approaches to the relationship doctor-patient
	Short description: The psychological approach to the patient and his disease
	Literature: required and optional
VII.	Title: Latin
	Short description: Basics of Latin that are essential for understanding the medical language
	Literature: required and optional
VIII.	Title: Introduction to medical care
	Short description: The basics of first aid
	Literature: required and optional
IX.	Title: Acute poisoning and first aid (identification and elimination of toxins from the body, antidotal and symptomatic therapy the most common poisoning, poisoning plants
	Short description: A short introduction to the poisoning and cure
	Literature: required and optional
X.	Title: Recognizing obstruction of upper airway and Corrective Actions
	Short description: Diagnosis and treatment of upper airway obstruction
	Literature: required and optional
XI.	Title: The clinical requiring of basic resuscitation procedures and sensitivity of brain cells to stop circulation (hypoxia)
	Short description : basic knowledge of revival
	Literature: required and optional
XI.	Title: Basic revival procedures and subsequent resuscitation methods, the difference between the percentage of oxygen that patient gets from exhaled mixture of the air of rescuers and the application of mechanical ventilation.
	Short description: methods of the revival and the use of oxygen
	Literature: required and optional
XII.	Title: Recognition of cardiac arrest on the monitor and ECG difference normal curve and ventricular fibrillation, total atrioventricular block and electromechanical dissociation
	Short description: Interpretation and diagnosis of heart failure
	Literature: required and optional
XIII.	Title: The historical turning point medicine. Basics of scientific medicine. Psychological Medicine and its importance in the everyday activities of doctors
	Short description: The history and impact of science on the medicine development

	Literature: required and optional
XIV.	Title: Historical development of nursing. Definitions and theories of health care. Basic human needs and their relation to health care. The nurse as a person, professional, ethical and moral issues. Basic skills assessment the patient's condition. Mastering basic skills of nurturing patients, patients personal hygiene and hygiene of its environment, care for comfort. Prevention of infection, the conditions essential for the development of infection.
	Short description: Become familiar with the role of nurses in medicine
	Literature: required and optional
XV.	Title: Access to health care in pediatrics. The most common health problems in pediatrics. Cardiopulmonary resuscitation of the newborn. The procedure with a child in convulsions
	Short description: Special features of the pediatrics work
	Literature: required and optional