

<i>Name of the course</i>	Introduction to Medicine			Code	
<i>Type of study program Cycle</i>	Integrated studies program, medicine			Year of study	I.
<i>Credits (ECTS) :</i>	5	<i>Semester</i>	I.	Number of hours per semester (l+e+s)	90 (44+36+10)
<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>	Assistant professor Miro Leventić, MD, PhD Professor Žarko Šantić, MD, PhD Professor Zdenko Ostojić, MD, PhD Professor Monika Tomić, MD, PhD Professor Milenko Bevanda, MD, PhD Professor Ivo Curić, MD, PhD Professor Helena Škobić, MD, PhD Professor Dara Glamuzina, MD, PhD Professor Dubravka Šimić, MD, PhD				
<i>Consultations:</i>	Mondays and Thursdays from 12 to 13 or according to deal				
<i>E-mail address and phone number:</i>	gomila@hotmail.com				
<i>Associate teachers</i>	Assistant professor Irena Musa, MD, PhD Assistant professor Jasna Zeljko Penavić, MD, PhD Assistant professor Josip Mišković, MD, PhD Assistant professor Josip Grubeša, MD, PhD Dijana Zelenika, MD, PhD Goran Moro, MD, PhD Zoran Karlović, MD, MSc Marko Pavlović, MD, MSc				
<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. 				

Learning outcomes (general and specific competences):	<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>			
Course content (Syllabus):	Teaching consists of subunits: Introduction to medicine, Latin language, Medical sociology, First aid, Health care and exercises.			
Format of instruction (mark in bold)	Lectures	Exercises	Seminars	Independent assignments
	Consultations	Work with mentor	Field work	Other
	<p>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.</p>			
Student responsibilities	<p>Final exam, tests, attendance and participation in class.</p> <p>Students will be evaluated based on:</p> <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	Continous 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	15	0,5	0%	

Seminar essay	30	1	0%
Written exam	60	2	50%
Oral exam	45	1,5	50%
<p>Further clarification:</p> <p><u>Exam is written and oral.</u></p> <p>Written test (completed written test is 50% of the grade) All students who weren't absent from school have the right to take the tests. Also, those who pass additional exam from lectures during which they were not in class or on which they didn't show sufficient knowledge can approach to test. After the end of the course test that covers materials from the Introduction to medicine, Medical sociology and First aid and Health care in the form of an integrated test and a special exam in Latin language will be conducted. The assessment criteria of written exam: The total percentage of correct answers needed for a positive assessment is 60%.</p> <p>Oral exam (50% of the final grade) The oral exam consists of 4 questions: Introduction to medicine 2, Health care 1, First aid 1 question.</p> <p>Final grade: The final grade is the sum = complete written test (50%) + oral exam (50%).</p>			
Required literature:	Grmek.,Budak A.: Introduction of Medicine ,Nakladni zavod Globus,3edition ,Zagreb 1996 VnukV,:Urgent medicine ,3 revised edition,Alfa,Zagreb ,1995 Prlić N,:Health care ,Školska Knjiga,3revised edition,Zagreb, 1997 Broz LJ.,Budisavljević M., FrankovićS.:Health book 3,2 edition,Školska Knjiga,Zagreb,2001		
Optional literature:	Orešković S.:Medical sociology (skripta) Kovačević P., Handbook for practical training in first aid Univerzitet u Banjaluci ,Medicinski fakultet,Banja Luka,2012		
Additional information about the course	Monitoring methods of teaching quality: <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? About study of medicine, division of medicine and the figure of the doctor. 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 and 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> <p>Short description: a short introduction to the concepts and definitions of health and the relationship between behavioral sciences and medicine</p> <p>Literature: required and optional</p>
V.	<p>Title: Medical Sociology: Theory of stress and social support .The main forms of social anomie. Career patients.</p> <p>Short description: basics of stress and its influence on the health of patients</p> <p>Literature:required and optional</p>
VI.	<p>Title: Medical Sociology, Health behavior: positive, promotional and illness. Theoretical approaches to the relationship doctor-patient</p> <p>Short description: The psychological approach to the patient and his disease</p> <p>Literature: required and optional</p>
VII.	<p>Title: Latin</p> <p>Short description: Basics of Latin that are essential for understanding the medical language</p> <p>Literature: required and optional</p>
VIII.	<p>Title: Introduction to medical care</p> <p>Short decription: The basics of first aid</p> <p>Literature: required and optional</p>
IX.	<p>Title: Acute poisoning and first aid (identification and elimination of toxins from the body, antidotal and symptomatic therapy the most common poisoning, poisoning plants</p> <p>Short description: A short introduction to the poisoning and cure of</p> <p>Literature: required and optional</p>

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 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 procedures revival and subsequent resuscitation methods, the difference percentage of oxygen that gets patient 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