

Study programme	MEDICAL STUDIES IN ENGLISH				
Cycle	INTEGRATED	Type	UNIVERSITY		
Study track	-	Module	-		
Year of study	1	Semester	I		
Course title	INTRODUCTION TO MEDICINE AND HISTORY OF MEDICINE	Course code	MFMSE103		
ECTS	4	Status	OBLIGATORY		
Teaching hours		Lectures	Exercises	Seminars	Practice
		44	15	31	-
Teachers	Assoc. prof. Josip Mišković MD, PhD	5		4	
	Prof. Danijel Pravdić, PhD	4		2	
	Asst. prof. Nataša Pejanović MD, PhD	5	2	2	
	Asst.prof. Josip Lesko, MD, PhD	4	2	2	
	Asst.prof. Marijana Jerković Raguž, MD,PhD	4	2	2	
	Prof. Boris Lukšić,MD, PhD	3	2	2	
	Assoc. prof. Emil Babić, MD, PhD	3	2	2	
	Prof. Darko Duplančić,MD,PhD	9	4	6	
	Assoc. Prof. Sandra Kostić, PhD	5		2	
	Asst. prof. Jelena Jurčić, PhD	2	1	3	
	Senior assistant Renato Pejić, MD			4	
Course objectives	<p>To acquaint medical students with:</p> <ul style="list-style-type: none"> - studying at the Faculty of Medicine, - the development of medicine throughout history, - the role of doctors in the health system and in society. <p>Also, the aim is to analyze the definition of health and health system in a narrower and wider environment and through the basics of Latin to create a foundation for learning unique medical terminology.</p>				
Course learning outcomes	Learning outcome (LO) Student:			Course learning outcome code	LO code at the study program level
	Plans independent learning through studies in a way of critical and self-critical questioning of scientific truths.			IU-MFMSE103-1	IU-MSE7 IU-MSE12 IU-MSE21
	Describes the development of medical thought and practice through the history of different cultures.			IU-MFMSE103-2	IU-MSE9
	Correctly values scientific achievements in the development of medicine.			IU-MFMSE103-3	IU-MSE7
	Demonstrates possession of personality qualities (team work and personal contribution, active listening and building positive relationships with group members).			IU-MFMSE103-4	IU-MSE9
	Explains the importance of preventive and curative medicine.			IU-MFMSE103-5	IU-MSE9 IU-MSE10 IU-MSE11
	Describes and explains first aid procedures.			IU-MFMSE103-6	IU-MSE11 IU-MSE21
	Forms regular and irregular morphological forms according to the declinational and conjugation system (Latin).			IU-MFMSE103-7	IU-MSE16 IU-MSE21

Prerequisites for the course enrolment	In accordance with the Rulebook on the Integrated Studies at the School of Medicine University of Mostar.	
Course content	Week / shift	Topic
	Lectures	What is the medicine? Study of medicine, division of medicine and the role of the doctor
		The main health problems in FBiH (in terms of organization of health care and health insurance)
		The clinical requiring of basic resuscitation procedures and sensitivity of brain cells to stop circulation (hypoxia)
		Recognizing obstruction of upper airway and corrective actions
		Latin
		Access to health care in pediatrics. The most common health problems in pediatrics.
		Acute poisoning and first aid (identification and elimination of toxins from the body, antidotal and symptomatic therapy the most common poisoning, poisoning plants)
		Medical Sociology, Health behavior: positive promotion and illness.
		Medical Sociology: Theory of stress and social support. The main forms of social anomie. Career patients
		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.
		Basic revival procedures and subsequent resuscitation methods
		Recognition of cardiac arrest on the monitor and ECG difference
		The historical turning point medicine. Basics of scientific medicine.
		Looking back in history of medicine. Birth of modern medicine.
		Introduction to medical care
	Seminars	What is the health (WHO definition), how to preserve it and improve it?
		Social-economic development and health
		Hypoxia and consequences
		Obstruction of upper airway - first aid
		Word formation - morphology of medical terms
		Combining forms: body parts and tissues
		Cardiopulmonary resuscitation of the newborn.
		Acute poisoning and first aid
		Theoretical approaches to the relationship doctor-patient.
		The task of the medical profession in the past and today. The way to a medical profession
		Prevention of infection, the conditions essential for the development of infection
		The difference between the percentage of oxygen that patient gets from exhaled mixture of the air of rescuers and the application of mechanical ventilation
		ECG normal curve and ventricular fibrillation, total atrioventricular block and electromechanical dissociation
		Psychological Medicine and its importance in the everyday activities of doctors
		Health care education
		What is the disease, how to prevent it and treat its effects
	Exercises	Basic resuscitation procedures
		Obstruction of upper airway - first aid
		Terms pertaining to the body as a whole: 1. structural organization of the body; 2. body cavities;

		3. abdominopelvic quadrants and regions;
		4. anatomical division of the back;
		5. positional and directional terms;
		6. planes of the body
		The procedure with a child in convulsions
		Acute poisoning and first aid
		Mastering basic skills of nurturing patients, patients personal hygiene and hygiene of its environment, care for comfort
		ECG
		Psychological Medicine

Language	English
E-learning	Classes are conducted live. If necessary, lectures and seminars can be held combined (live and online) or completely online via e-learning platforms (Google Meet) up to a maximum of 20%.
Teaching methods	Teaching, interactive and active experiential.

Types of assessment (indicate - Bold)							
Type of pre-examination obligation					Type of exam		
midterm	seminar paper	essay/report	practical/project task	other	written exam	oral exam	practical

Allocation of ECTS credits and share in the grade				
Student obligations	Learning outcome code	Hours of workload	Share in ECTS	Share in grade
Attending classes with engagement	IU-MFMSE103-4	90	3	0%
Pre-exam/Written exam	IU-MFMSE103-1 IU-MFMSE103-2 IU-MFMSE103-3 IU-MFMSE103-5 IU-MFMSE103-6 IU-MFMSE103-7	30	1	100%
In total		120	4	100%

Method of calculating the final grade

The exam is written.

All those who have not missed classes have the right to take the tests. Also, the tests can be taken by those who passed the teaching units during which they were not in class or in which they did not demonstrate sufficient knowledge.

At the end of the class in a pre-exam term and all subsequent terms the test will include material from introduction to medicine, medical sociology, first aid, health care and history of medicine in the form of an integrated test and a special exam in Latin.

According to the Rulebook on Studying final grade is obtained as follows:

A = 91-100% 5

B = 79 to 90% 4

C = 67 to 78% 3

D = 55 to 66% 2

F = 0 to 54% 1

Literature (indicate)	Title (title, author, year)	Edition		Language				Type of literature			
		own	other	croatian	english	other	multilingual	book	article	script	other
Compulsory	Detels R, Beaglehole R, Lansang MA, Gulliford M editors. Oxford Textbook of Public Health, 5th ed. Oxford University Press, New York 2011.		X		X			X			
	Porter R. The Greatest Benefit to Mankind: A Medical History of Humanity. Fontana		X		X			X			

	Press; 1999. (Chapters II, III, V, VIII, IX, X and XI)									
	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)		X		X					
	Handouts and Dorland's Illustrated Medical Dictionary, Saunders		X		X					X
Additional	Additional literature will be assigned individually during the seminar preparations according to the seminar theme.									
Additional course information										