

<i>Name of the course</i>	Family Medicine with Clinical Rotation			<i>Code</i>	MSE603
<i>Type of study program:</i>	Integrated university study, Medicine			<i>Year of study:</i>	6
<i>Credits (ECTS):</i>	11.0	<i>Semester:</i>	XI	<i>Number of hours per semester (l+s+e):</i>	180 (22+44+114)
<i>Status of the course:</i>	obligatory	<i>Preconditions:</i>	According to the Rulebook	<i>Comparative conditions:</i>	
<i>Access to course:</i>	Students of 6 th year of the study			<i>Hours of instructions:</i>	According to schedule
<i>Course teacher:</i>	Assn. prof. Nina Pinjuh Markota MD PhD				
<i>Consultations:</i>	Wednesdays from 1 - 2 PM or by appointment				
<i>E-mail address and phone number:</i>	nina.pinjuh-markota@mef.sum.ba				
<i>Associate teachers</i>	Prof. Edita Černy Obrdalj MD PhD Prof. Amra Zalihić MD PhD Renata Pehar MD Sanja Đurasović MD Ankica Mijić Marić MD Marnela Palameta MD				
<i>The aims of the course:</i>	The objectives of this course are to acquaint students with diagnostic algorithm, treatment and preventive measures in terms of the most common health problems and risk factors in family medicine.				
<i>Learning outcomes (general and specific competences):</i>	<p>General outcomes</p> <ul style="list-style-type: none"> • Applying the independent learning and practice of acquired knowledge. • Understanding the active care for patient and it's evaluation through application of evidence based medicine. <p>Specific outcomes:</p> <ul style="list-style-type: none"> • Taking a medical history, clinical examination, interpretation of clinical symptoms and signs, interpretation of laboratory and other tests results with establishing final diagnosis, • Describing, explaining and referring patients to diagnostic procedures and consultative examinations, • Advising patients and prescribing medication taking into account healthcare costs, • Applying clinical knowledge and skills in certain clinical cases and situations, • Performing preventive examinations and identifying risk factors, • Actively participating in the organization of clinical practice. 				
<i>Course content (Syllabus):</i>	<p>The course includes 180 hours in blocks of 6 or 8 hours. Lectures last for 22 hours, seminars 44 hours, and practical work is done through 114 hours.</p> <p>Theoretical part includes lectures and seminars. Practical training consists of practice in family medicine (FM) clinics at the Health Center of Mostar and in rural FM clinics. Each student has obligation to practice at both locations.</p> <p>A part of practical work is organized in the Clinical Skills Room at the School of Medicine.</p>				
<i>Format of instruction (mark in bold)</i>	Lectures	Exercises	Seminars	Independent assignments	
	Consultations	Work with mentor	Field work	Other	
	<p>Remarks:</p> <p>Classes in family medicine last 180 hours, of which 114 hours are exercises. Students are divided into smaller practice groups and each group is assigned an assistant. The assistant trains a group of students in the clinical skills of taking anamnesis and status, making clinical decision, as well as in communication skills. Classes take place in clinic in both urban and rural area. Seminars are a pre-</p>				

	examination obligation for students, which they must prepare in cooperation with teacher. The seminar work also includes a letter to the patient, in which the student conducts the patient's health education in writing. Lectures cover all the topics covered during the course and are based on a presentation of a case from clinical practice.			
Student responsibilities	Students are required to: - be present in class - present seminar's work - write letter to patient - keep medical records, referral, make recipes, write the form of sick leave as well as to report the disease			
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 <i>European system of points</i>				
STUDENTS RESPONSIBILITIES	HOURS	PROPORTIONS OF ECTS CREDITS	PROPORTIONS OF MARK	
Class attendance and participations	180	6	0%	
Seminar essay	15	0.5	0%	
OSCE	30	1	0%	
Written exam	60	2	50%	
Oral exam	45	1.5	50%	
Total	330	11	100%	
<p>Further clarification: For students who have justified reasons missed more than 20% of classes, there will be a colloquium in conjunction with the heads of the seminars or trainings.</p> <p>Colloquium from exercises consists of 12 OSCE stations on models or on a standardized patient. OSCE (Objective structured clinical examination)</p> <p>The exam consists of two parts.</p> <p>The written exam consists of 60 multiple-choice questions, one of which is correct. The exam lasts 60 minutes. For a positive grade student should solve at least 60% of questions.</p> <p>The oral exam consists of three questions. One is from the general part, and two are from the special part and in the form of solving a clinical example.</p> <p>The final grade is obtained as the arithmetic mean of the grades from the written exam and the oral part of exam. According to the Rulebook on Studying at the University of Mostar grades are assigned as follows: 0-54% insufficient (1); 55-66% sufficient (2); 67-78% good (3); 79-90 very good (4); 91-100% excellent (5).</p>				
Required literature:	Robert E. Rakel and David P. Rakel. Textbook of Family medicine, 9 th edition, Elsevier Saunders, 2015			
Optional literature:	Katić M, Švab I, et al. Family medicine, Zagreb, Medicinska naklada, 2017.			
Additional information about the course	Student's survey Quality control analysis by the students and teachers Analysis of passing the exams The report of the Office for the quality of teaching External evaluation (teams for quality control)			

Annexes: calendar of classes

<i>The number of teaching units</i>	TOPICS AND LITERATURE
I.	Title: Introductory lecture. Family Medicine as a medical discipline. Patient focused care.

	Doctor-patient communication. Working organization in the family medicine clinic. How to start working?
	Short description:
	Literature: optional and additional
II.	Title: Women's health. Emergency intervention in family medicine. Breaking bad news, Difficult patient. Rational use of drugs, rational referral.
	Short description:
	Literature: optional and additional
III.	Title: Health problems of elderly population. Chronic respiratory diseases- COPD and asthma
	Short description:
	Literature:
IV.	Title: Cardiovascular risk assessment. Men's health
	Short description:
	Literature: optional and additional
V.	Title: Vertigo. Dermatological problems. Family violence.
	Short description:
	Literature: optional and additional
VI.	Title: Diabetes mellitus in family medicine clinics. A patient with abdominal pain. Musculoskeletal system injuries.
	Short description:
	Literature: optional and additional
VII.	Title: School children - adolescents in family medicine clinics. Health of preschool children.
	Short description:
	Literature: optional and additional
VIII.	Title: Management of arthritis in family medicine. Thyroid problems in family medicine. Follow up of kidney patients.
	Short description:
	Literature: optional and additional
IX.	Title: Gastrointestinal problems.
	Short description:
	Literature: optional and additional
X.	Title: Evaluation of chest pain. Acute respiratory infection in practice. Headache, differential diagnosis and management.
	Short description:
	Literature: optional and additional
XI.	Title: Anxiety and depression. Drug addicted patients, methadone therapy. Rational use of drugs, rational referral.
	Short description:
	Literature: optional and additional
XI.	Title: Hypertension diagnosis and treatment
	Short description:
	Literature: optional and additional
XII.	Title: Family violence (against women, children and an elderly)
	Short description:
	Literature: optional and additional
XIII.	Title: Palliative care, The role of family medicine; Smoking cessation. How to quit smoking?
	Short description:
	Literature: optional and additional
XIV.	Title: Clinical skills
	Short description:
	Literature: optional and additional
XV.	Title: Programs of health promotion and prevention.
	Short description:
	Literature: optional and additional