1	Subject	**Family medicine**
2	Code	OM 524

3.	Study Program	General medicine			
4.	Institution (Unit, Institute, Chair, Department)	UKIM Skopje-Medical Faculty Department of family medicine			
5.	Degree of education (first or second cycle)	Integrated studies			
6.	Study year/semester	Five/X	7.	No of EKTS credits	1.5
8.	**Responsible teacher**	Prof. Dr Goran Petrovski Ass.Prof. Katarina Stavrikj			
9.	Preconditions	Исполнет улов за упис во IX семестар			

10.	**Objectives (competences):**
	• To achieve knowledge, skills and attitude for effective patient orientated care and treatment: prevention, recognize and treatment of most common acute and chronic diseases and mental health.
	• To achieve communication and consultation skills in family doctor practice.
	• To achieve skills for effective response to different complains and problems of patients, to support them to manage and to make prioritization of problems
	• To understand the possibilities and limitations in the community for medical care
	• To achieve knowledge and skills to use bio-psycho-social model for patient treatment and care
	• To be aware for ethical and moral responsibility of family doctor about creating health policy in the community

11.	**Content:**
	Theoretical part:
	Interactive participation of students with analyses and discussion of cases and theoretical lecture of the responsible teacher.
	1. Introduction to FM/GP as a specific medical discipline. Principles of Family Medicine: Continuity, comprehensiveness, coordination of care. 2. Communication skills. 3. Use of evidence based medicine and guidelines for most common presenting symptoms in family medicine. 4. Management of diseases at early, undifferentiated stage. Dealing with uncertainty. 5. Holistic approach. Bio-psycho-social model. 6. Management of multiple health problems, identifying priorities. 7. Prevention and health promotion, patient education. 8. Decision making based on prevalence and incidence of target. 9. Consulting skills — stages of a consultation. 10. Patient-centeredness – complex patient. 11. Chronic care, management of chronic diseases and health problems 12. Interface of primary and secondary care: Referrals, gate keeping, advocacy 13. The family as a source of disease and resource of care. 14. Community orientation.
	Practical part:
	The practical work will be organized in the Center for family medicine through workshops - patient with chest pain, rational prescribing of antibiotics for acute respiratory tract infection, patient with hypertension, patient with diabetes mellitus, patient with cough and patient with metabolic syndrome.
	During the workshops the student can:

- Collects all important clinical information
- Is able to integrate collected information
- Gives a correct working diagnosis
- Orders appropriate diagnostic tests
- Can choose an appropriate treatment method

The student can demonstrate following clinical skills:

- Blood pressure measurement
- Calculate and interpret BMI
- Use of glucometar
- Use of pick flow meter
- Clinical examination of breast
- Taking and interpreting rapid strep test

Seminar work:

Each student has the task under the supervision of a teacher to prepare a seminar essay on the topic of family medicine with a maximum of 3 pages. Seminar work is submitted in electronic form in the Family Medicine Center by the end of completion of family medicine. Assessed: understanding the problem, explains the findings and give possible solutions of the problem, and use of appropriate literature.

12.	**Methods of learning:**			
13.	Total		30	
14.	Time table			
15.	Forms of educational activities	15.1	Teaching	15 classes
		15.2	Practical work (workshops, clinical skills),	15 classes
16.	Other forms of educational activities.	16.1	Project work – seminar essay	8 classes
		16.2	Home learning	
17.	Assessment			points

17.1	Final exam				min.-max.
		Written part	30	points	18-30
		Oral part	30	points	20-30
		Written part is consisting of 15 questions (15 questions x 2 points).			
		Oral part is consisting of 3 questions (one question max 10 points).			
17.2	Seminar essay (written document)				min.-max.
		Seminar essay	5	points	5-12
		Seminar essay is maximum 12 points (3 points for each of criteria: understanding the topic, explain and gives the solutions, adequate use of literature).			
17.3	Active involvement				min.-max.
		Theoretical part	10	points	5-10
		Practical part	20	points	12-18
		Theoretical part is maximum 10 points (15 classes x 0,7 points).			
		Practical part is maximum 20 points (6 workshops x 3 points)			

18.	Criteria for marks (points/mark)	to 59 points	5 (five) F
		From 60 to 68 points	6 (six) E
		from 69 to 76 points	7 (seven) D
		From 77 to 84 points	8 (eight) C
		From 85 to 92 points	9 (nine) B
		From 93 to points	10 (ten) A

19.	Prerequisites for taking the final exam	**Criteria**: To obtain the signature, student is required to attend the theoretical, practical training and admit seminar and to gain a minimum scorefor all parts. After that the student has to pass the colloquium and oral exam. The final mark is formed according to the table of marks, based on the sum of points from all activities, continuous checks and final exam.
20.	Language	Macedonian
21.	Methods of following the quality of teaching	Anonymous student evaluation for subjects, teachers who are involved in teaching Internal anonymous evaluation of teaching theoretical and practical work

22.	Literature					
	22.1	Obligatory				
		No	Author	Title	Publisher	Year
		1	Ass.Prof Katarina Stavrikj, Prof.Dr Goran Petrovski, Prof.dr Suzana Nikolovska, Prof.dr Gordana Kiteva Trenceva, Ass.Prof. Biljana Gerasimovska Dr sci Zoran Stojanovski	Family medicine (on line available)	Department of family medicine	2013
	22.2	Optional literature				
		No	Author	Title	Publisher	Year
		1	Robert Rachel	Textbook of family medicine	Tabernakil	2010