1.	Subject	RADIOLOGY		
2.	Code	OM 316		
3.	Study Program	General Medicine		
4.	Institution (Unit, Institute, Chair, Department)	Ss Cyril and Methodius University, Medical Faculty, Department of Anatomy		
5.	Degree of education (first or second cycle)	Integrated 6-year study		
6.	Study year/semester	Third(III) Fifth (V)	7.Number of credits	3
8.	**Responsible teacher**	Prof. Klime Gjoreski, PhD,MD		
9.	Preconditions	Completed course of Biophysics		
10.	**Course objectives (competencies):** Study of general radiology by systems Practical work by showing radiological methods normal anatomy and pathology by systems.			
11.	**Course content:** **Theoretical teaching:** Thoracic examination methods. X-ray image of a normal chest. Atelectasis, stasis and edema on X-ray. Nonspecific inflammatory diseases of the thoracic organs. Pulmonary tuberculosis and sarcoidosis. Occupational, parasitic and fungal lung diseases. Methods of examination of the heart and large blood vessels. Normal X-ray image. Congenital and acquired diseases of the heart, aorta and large blood vessels. Interventional radiology. Vascular radiology. Nonvascular radiology . **Practical classes:** Demonstration of radiological methods normal anatomy and pathology after systems.			
12.	**Learning methods:** **Interactive teaching (theoretical), exercises and colloquium**.			
13.	Total available time:	90 classes		

14.	Organization of the course		60 classes - theoretical course, practical course, seminars 30 classes - home individual learning	
15.	Forms of teaching activities	15.1.	Theoretical course	30 classes
		15.2.	Practical course, Seminars	30 classes
16.	Other forms of activities	16.1.	Practice	classes
		16.2.	Individual tasks	classe
		16.3.	Individual (home) learning	30 classes
17.	Method of assessment			
	17.1	Tests	Min-max Continuous checks points 24-40	
		Final exam:	min.-max Practical part points 7,5-12,5 Oral part points 7.5-12.5	
	17.2	Seminar paper/project (oral/written presentation)	Min-max Semminar paper points 0 - 6	
	17.3	Active participation	min – max Theoretical course 1-5 Practical course 20 -24 *attendance of theoretical classes 51% - 60% - 1 point 61% - 70% - 2 points 71% - 80% - 3 points 81% - 90% - 4 points 91% -100% - 5 points ** practical classes (12 exercises): attendance 1 point, activity 1 point	

18.	Grading criteria (points / grade)	up 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 100 points	10 (ten) A

19.	Requirement for signature and taking the final exam	To get a signature the student needs to attend theoretical, practical classes and seminars and earn minimum points To enter the final exam, the student must pass the required continuous checks or earn at least 30% of the total number of points provided for continuous checks. the exam session first takes the failed continuous checks and then proceeds to final exam. The grade for the course is formed according to the table of grades, based on the sum of the points from all activities, the continuous checks and the final exam.
20.	Language of instruction	Macedonian
21.	Method of monitoring the quality of teaching process	Student anonymous evaluation of the subject and the teachers and associates participating in teaching performance.

22. Textbooks

22.1. Required reading

No.	Author	Title	Publisher	Year
1	Saton D.J.W.R.Young	A short textbook of clinical imaging	London Springer Verlag	1990
2	Gary A, Johnson. Hal Cohen, Andrew R. Vojtovich, John McCabe.	Atlas of Emergency Radiology, translation (project of the Government of the Republic of Macedonia)	Tabernacle - Skopje	2010

		3	Lazic, Sobic V.and co.	Radiology	Medical book- Belgrade	1997
		4	Bosnjakovic P i co.	Practicum from radiology	Pelicant print- Nis	2005
			Additional literature			
		No	Author	Ttitle	Publisher	Year
	22.2	1.	Novak J and co-worker,	Radiology- script	Skopje	1982