

1.	Subject	SURGERY		
2.	Code	OM 421		
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	Fourth (IV) and Fifth (V) / Eight (VII) and ninth (IX)	7.Number of credits	20
8.	Responsible teacher	Cheaf of Department of Surgery Doc. d-r Boro Dzonov		
9.	Preconditions	Filled condition for VII semester		
10.	<p>Teaching goals:</p> <ul style="list-style-type: none"> • to learn and master skills within rational diagnostics and contemporary treatment of surgical diseases • to become familiar with the basic principles of diagnosing operational, preparation and treatment within the general surgery • enable student to raconalo estimates and indicates acute surgical diseases, witch if timelu treatment is not diagnosed and treated may end fatally • to enable the student to evaluate and treat surgival diseases of the central nervous system, neck and chest organs, cardiac and vascular diseases, digestive diseases, urological diseases, children's surgical disease, plastic and reconstructive corrections, locomotor system injuries and internal organs 			

11.	<p>Brief content:</p> <p>Theoretical course:</p> <ul style="list-style-type: none"> • General and military surgery • Disease and surgical treatment of the central nervous system • Disease and surgical treatment of lung disorder • Disease and surgical treatment of the disorder of cardiac and vascular diseases • Disease and surgical treatment of the disorder of the digestive system • Disease and surgical treatment of the disorder of the urogenital system • Disease and surgical treatment of violations of children's diseases • Disease and surgical treatment of the disorder of the skin with plastic and reconstructive surgery interventions • Disease and surgical treatment of injuries locomotory system <p>Practical classes:</p> <p>Mastering clinical skills and practical application of the gained theoretical knowledge</p>
12.	Methods of studying: Interactive lectures, tutorials and seminars

13.	Total available time:		600 classes	
14.	Organization of the course		335 classes - theoretical course, practical course, seminars 265 classes - home individual learning	
15.	Forms of teaching activities	15.1.	Theoretical course	103 classes
		15.2.	Practical course, Seminars Team building	Practical: 180 classes Seminars: 52 classes
16.	Other forms of activities	16.1.	Practice	classes
		16.2.	Individual tasks	classes
		16.3.	Individual (home) learning	265 classes

17. **Method of assessment**

Continuous checking (test): 6 written test

Covers all areas of surgery in various combinations, depending on the group in which the student listens in the current schedule: 1. General Surgery and Traumatology

2. Thoracic vascular and cardiac surgery
3. Digestive surgery
4. Neurosurgery
5. Urology
6. Children and Plastic and Reconstructive Surgery

The students from one test can get: 2-4 points

total for six tests: 12-24 points

Final exam: practical + oral

1. Practical part (according to the catalog of skills): examination of the patient, diagnosis, therapy **8-12 points**

2. Oral part (integrative) – 4 questions that are not questioned in details, but integrative knowledge is important for understanding the entity of the case and the medical practice

24-40 points

(for 10=40 points; for 9 = 37-39 points; for 8=34-36 points; for 7=31-33 points; for 6=28-30 points)

- The student is obligated to win a minimum of the envisaged points for each part of the exam, to be able to registered points for the final exam. Otherwise, the test is considered not passed.

***attendance theoretical teaching**

51% - 60% - 2 points

61% - 70% - 4 points

71% - 85% - 6 points

86% - 100% - 8 points

****Practical teaching** (45 group exercises with a duration of 4 hours)

Attendance: 0.15 points

*Assessment of the complete exam is gained based on the sum of the scores obtained from all the activities (lectures, tutorials, seminars, colloquia, final exam)

Complete final exam:

The exam represents a combination of colloquia that are not passed and the final exam. The student is obliged first to pass colloquiums witch during the year has not passed, and then proceed to take the final exam. If a student does not pass all colloquia, has not right to access the final exam.

18.	Grading criteria (points / grade)	up to 59 points	5 (five) F
		from 60 to 68 points	6

			(six) E
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		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	<p>The student is required to actively follow all of the planned activities.</p> <p>Conditional criteria for assessment of knowledge: In order to get a signature, the student should obtain minimum points in both theoretical and practical courses, and to present a seminar paper;</p> <p>In order to take the final exam, the student should obtain the minimum points in the seven continual assessments (colloquiums);</p> <p>If the student has not obtained the minimum points in the continual assessments, he/she will be obligated to pass them before the final exam.</p> <p>The final grade is formed according to the official rating table, and of the sum of the points from all the activities, the continuous checks and the final exam.</p>
20.	Language of instruction	Macedonian
21.	Method of monitoring the quality of teaching process	Student anonymous evaluation of the subject, the teachers and collaborators participating in the teaching
22.	Textbooks	<ul style="list-style-type: none"> • General and Special surgery: Prof. d-r J.Panovski • Thoracic surgery: Prof- d-r G. Kondov • Vascular surgery (script) Prof. d-r T.Andreevska • Plastic and Reconstructive Surgery (script): Prof- d-r GJ. Gjokic • Neuro surgery: Prof. d-r J.Ugrinovski, Prof. d-r. S.Jovkovski, Prof. d-r. I. Pangovski, Prof. d-r K.Lozonec, Prof. d-r V.Stolevski • Clinical Traumatology: Prof. d-r I.Todorov, Prof. d-r S.Jovkovski, Prof. d-r V.Georgiev, Prof. d-r M.Gavrilovski, Prof d-r Z.Spirovski, Prof. d-r V.Janevski • Extended lectures of urology, digestive and Paediatric Surgery • General surgery: Prpic, Bukurov and co.