

1.	Subject	CHOSEN TOPICS OF SURGERY, HEALTH PROTECTION IN SPECIAL CONDITIONS		
2.	Code	DA – 312		
3.	Study program:	Three-year professional studies for graduate obstetricians		
4.	Conducted by	UKIM – Medical Faculty Department of Surgery		
5.	Degree of education (first or second cycle)	First cycle		
6.	Academic year/semester	III/V and VI	7. Credits	2 – V semester 1 – VI semester
8.	Professor	Head of the Department of Surgery: Doc. D-r Boro Dzonov The lessons are held by the following Department professors: Prof. d-r Goran Kondov Prof. d-r Vladimir Mircheski Prof. d-r Aleksandar Chaparoski Prof. d-r Slobodan Ristovski Prof. d-r Nikola Jankulovski Prof. d-r Slavko Stojmenski Prof. d-r Mile Petrovski Prof. d-r Igor Kaftandziev Prof. d-r Gjorgji Jota Prof. d-r Smilja Tudzarova – Gjorgova Prof. d-r Viktor Kamiloski Prof. d-r Simon Trpeski Prof. d-r Oliver Stankov Prof. d-r Elizabeta Mirchevska – Njogovska Prof. d-r Lazar Todorovikj Prof. d-r Sotir Stavridis Prof. d-r Skender Saidi Prof. d-r Risto Cholancheski Prof. d-r Svetozar Antovikj		
9.	Prerequisite	Pass all the exams of I year		
10.	Goals	<ul style="list-style-type: none"> - The student gain basic theoretical knowledge about prevention, diagnosis and treatment of injuries, disorders and diseases in surgery - The student learns the standards and activities of health protection in special condition of surgical patients - The student learns to perform particular caring and obstetrical activities in surgery 		
11.	Content summary: Theoretical lessons:	<ul style="list-style-type: none"> • Thoracic, vascular and cardio surgery • Congenital heart defects (prof. d-r Sashko Kedev 1 class) • Vein problems, varicose veins and lung embolism (prof. d-r Risto Cholanchevski 1 class) • Breast disorders (prof. d-r Goran Kondov 1 class) • Lung emphysema and pneumothorax (prof. d-r Risto Cholanchevski 1 class) • Injury of the chest (prof. d-r Goran Kondov 1 class) 		

	<ul style="list-style-type: none"> • Neurosurgery • Brain and head injuries (prof. d-r Aleksandar Chaparoski 1 class) • Cerebrovascular diseases and brain hemorrhage (prof. d-r Vladimir Mirchevski 1 class) • Congenital anomalies of the central nervous system, congenital hydrocephalus and craniosynostosis (prof. d-r Vladimir Mirchevski 1 class) • Congenital spine anomalies – spina bifida (prof. d-r Aleksandar Chaparoski 1 class) • Plastic and reconstructive surgery • Congenital anomalies (prof. Elizabeta Mirchevska Zogovska 1 class) • Tumors and burns (prof. d-r Boro Dzonov 1 class) • Protection of the newborn and the mother in case of natural disasters, the role of the obstetricians in special conditions (prof. d-r Smilja Gjorgova Tudzarova 1 class) • International strategies in case of floods, earthquakes, fires, epidemics and war (prof. d-r Smilja Gjorgova Tudzarova 1 class) • Pediatric surgery • Urgent conditions in a newborn (prof. d-r Lazar Todorovikj 1 class) • Anomalies of the gastrointestinal tract (prof. d-r Mile Petrovski 1 class) • Anomalies of the urinogenital system (prof. d-r Mile Petrovski 1 class) • Asepsis and antisepsis (prof. d-r Lazar Todorovikj 1 class) • Urology • Urinary infections in pregnancy (prof. d-r Skender Saidi 1 class) • Urinary obstruction (prof. d-r Oliver Stankov 1 class) • Diagnostic methods of the urinary tract in pregnant women (prof. d-r Sotir Stavridis) • Surgical urology procedures in pregnant women (prof. d-r Slobodan Ristovski 1 class) • Digestive surgery • Acute abdomen (prof. d-r Svetozar Antovikj 1 class) • Most common abdominal acute conditions (prof. d-r Svetozar Antovikj 1 class) • Rectal and perineum injuries (1 class) • Hernias (1 class) 			
12.	Teaching methods: interactive lessons, practical lessons and practice			
13.	Total classes:	65		
14.	Organization	15 theoretical lessons and 30 seminars in the V semester, 10 theoretical lessons and 10 practical lessons in the VI semester		
15.	Types of teaching activities	15.1	Lessons: theoretical classes	25
		15.2	Practical lessons, seminars	10 practical lessons 30 seminars
16.	Other types of activities	16.1	Practice	10
		16.2	Self-supporting practice	
		16.3	Learning at home	
17.	Knowledge assessment		Points	
	17.1	Mid-term exams	Min. – max. 9 – 15	

			The students can gain from 3 to 5 points on each mid-term exam: Thoracic, vascular, cardio, neuro surgery mid-term exam 3 – 5 Digestive and plastic surgery mid-term exam 3-5 Pediatic surgery and urology mid-term exam 3-5
	17.2	Final exam	Min. – max. 27 - 45 The student must gain minimum point on each mid-term exam to be able to attend the final exam. The final exam consists of 30 questions, 10 of each field according to the content of the subject program
	17.3	Theoretical lessons	Min. – Max 5 - 15 Theoretical lessons points Attendance to the theoretical lessons 51-60% - 5 points 61-70% - 7 points 71-80% - 9 points 81-90% - 12 points 91-100% - 15 points
	17.4	Practice	Practical lessons (10 lessons and 30 seminars) Min. – max. 6 - 10 Attendance: 1 points for every Practical lesson (10 in total) The student must attend 6 practical lessons to gain minimum points. If he doesn't, he gets additional tasks to pass the practice. Preparation of a paper: 5 -15
18.	Grading criterion (points/grades)	Up to 59	5 (five) F
		60-68	6 (six) E
		69-76	7 (seven) D
		77-84	8 (eight) C
		85-92	9 (nine) B
		93-100	10 (ten) A
19.	Requirements for obtaining a signature and attending the final examination	To obtain a signature the student must attend the theoretical lessons, participate in the practical lessons and the seminars and pass the mid-term exams. To attend the final exam, the student must pass each of the mid-term exams and gain at least 60% of the points. If the mid-term exams are not passed, the student must pass a complete final exam (first must attend the mid-term exams in the exam week, and then the final exam). The final grade for the subject is formed according to the table for grading, and is based on the sum of the points from all the activities, the mid-term exams and the final exam.	
20.	Language	Macedonian	
21.	Method of evaluating the quality of the lessons	Students' anonymous evaluation of the subjects, the professors and collaborators who hold the lessons.	

22.	Literature:		
22.1	Mandatory literature		
	1.	Authorized lectures of the Departments	
22.2	Additional literature		