

<i>Name of the course</i>	Internship in surgery			Code	
<i>Type of study program Cycle</i>	Integrated study program, medicine			Year of study	VI
<i>Credits (ECTS) :</i>	6	<i>Semester</i>	XI	Number of hours per semester (l+e+s)	120 (0+100+20)
<i>Status of the course:</i>	mandatory	<i>Preconditions:</i>	Passed all exams of the 5 th year	<i>Comparative conditions:</i>	
<i>Access to course:</i>	6 th year medical students			<i>Hours of instructions:</i>	According to schedule
<i>Course teacher:</i>	Assistant professor Zdrinko Brekalo, MD, PhD				
<i>Consultations:</i>	Mondays and Thursdays 13-14h or according to deal				
<i>E-mail address and phone number:</i>	zdrinkobrekalo@hotmail.com				
<i>Associate teachers</i>	<ul style="list-style-type: none"> - Assistant professor Boris Jelavić, MD, PhD - Assistant professor Antonio Sesar, MD, PhD - Assistant professor Irena Sesar, MD, PhD - Assistant professor Nikica Šutalo, MD, PhD - Assistant professor Mario Jurić, MD, PhD - Assistant professor Vlatka Martinović, MD, PhD - Zoran Trninić, MD, PhD - Josip Mišković, MD, PhD - Kristijan Juka, MD, PhD - Maki Grle, MD, PhD - Goran Lakičević, MD, PhD - Ludvig Letica, MD, MSc - Martina Šoljić, MD, PhD - Violeta Šetka – Čuljak, MD, MSc 				
<i>Consultations:</i>					
<i>E-mail address and phone number:</i>					
<i>The aims of the course:</i>	<p>The objectives of this course are to introduce students with the following:</p> <ul style="list-style-type: none"> - Recognizing emergency surgical conditions and diagnosis - Preparing the patient for emergency surgery - Performing emergency surgical techniques and repairing injuries 				
<i>Learning outcomes (general and specific competences):</i>	<p><u>General outcomes:</u></p> <ul style="list-style-type: none"> - Understanding the organization of the Surgery Department, principles of work at the Department, Specialist Outpatient Clinics, Sterilization Unit and Operations Halls. 				

	<u>Specific outcomes:</u> <ul style="list-style-type: none"> - Understanding and applying history taking and writing as well as applying clinical examination of a surgical patient - Applying the work in a surgical outpatient clinic - Applying the work in an emergency surgical outpatient clinic – triage - Applying the surgical procedures as an assistant during the procedures - Remembering the primary wound treatment - Applying the setting of a thick bandage - Applying the placement of urinary catheters, intravenous catheters and infusions, and nasogastric tubes - Applying the joint or body cavity's puncture 			
Course content (Syllabus):	The course Surgical Internship consist of seminars, exercises and final exam. The greatest part of the course is dedicated to the practical work.			
Format of instruction (mark in bold)	Lectures	Exercises	Seminars	Independent assignments
	Consultations	Work with mentor	Field work	Other
	Remarks:			
Student responsibilities	Final exam; Attending and active class participation. Students will be evaluated based on: <ul style="list-style-type: none"> - Active participation in seminars and exercises. - Read the textbooks and develop their own critical reflection on the text and express this opinion. 			
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 European system of points				
STUDENTS RESPONSIBILITIES	HOURS	PROPORTIONS OF ECTS CREDITS	PROPORTION S OF MARK	
Class attendance and participations	90	3	40%	
Seminar essay	20	1	10%	
Written exam	0	0	0	
Oral exam	60	2	50%	

Further clarification:

The exam is oral. All those students who weren't absent from classes have the right to approach to the exam.

According to the regulations of the study, final grade is obtained:

A = 91-100% 5

B = 79 to 90% 4

C = 67 to 78% 3

D = 55 to 66% 2

F = 0 to 54% 1

<i>Required literature:</i>	<ol style="list-style-type: none">1. Kvesić A. et al. Kirurgija. Zagreb: Medicinska naklada; 2016.2. Tomislav Šoša, Željko Sutlić, Zdenko Stanec, Ivana Tonković et al. Kirurgija. Zagreb: Naklada Ljevak, 2007.3. Zdravko Mandić et al. Oftalmologija. Zagreb: Medicinska naklada, 2014.4. Hančević J et al. Lomovi i iščašenja. Naklada Slap, Jastrebarsko 1998.5. Željko Bumber, Vladimir Katić, Marija Nikšić-Ivančić, Boris Pegan, Vlado Petric, Nikola Šprem. Otorinolaringologija. Zagreb: Naklada Ljevak; 2004.
<i>Optional literature:</i>	<ol style="list-style-type: none">1. Prpić I et al. Kirurgija za medicinare: Priručnik za ispite. Školska knjiga, Zagreb 1995.
<i>Additional information about the course</i>	Monitoring methods of teaching quality: <ul style="list-style-type: none">- student questionnaire- quality analysis by students and teachers- exam results analysis- report of the office for teaching quality- external evaluation (visit of team for quality control)

Annexes: calendar classes

<i>The number of teaching units</i>	TOPICS AND LITERATURE
<i>I.</i>	Title: Emergencies in Pediatric Surgery
	Short description: incarcerated hernia, pylorostenosis, acute scrotum
	Literature: required and optional
<i>II.</i>	Title: Emergencies in Cardiovascular Surgery
	Short description: thrombosis, aortic aneurysms, heart tamponade
	Literature: required and optional
<i>III.</i>	Title: Emergencies in Abdominal surgery
	Short description: Acute abdomen, ileus, acute inflammatory diseases of the abdominal cavity
	Literature: required and optional
<i>IV.</i>	Title: Thorax emergency conditions
	Short description: pneumothorax, traumatic injuries of the chest
	Literature: required and optional
<i>V.</i>	Title: Emergencies in Neurosurgery
	Short description: Subdural and epidural hematoma, CNS bleeding
	Literature: required and optional
<i>VI.</i>	Title: Emergencies in Orthopedics
	Short description: fractures of the locomotor system, dislocations
	Literature: required and optional
<i>VII.</i>	Title: Emergencies in Ophthalmology
	Short description: foreign body in the eye, traumatic perforation injuries
	Literature: required and optional
<i>VIII.</i>	Title: Emergencies in Maxillofacial Surgery
	Short description: foreign bodies, traumatic injuries
	Literature: required and optional