

# EMERGENCY MEDICINE

Subjects available to choose from on each year/semester are marked with ECTS points and highlighted in colour.

Lp	SUBJECT NAME (**elective)	1st Year		2nd Year		3rd Year	
		1st semester (winter)	2nd semester (summer)	3rd semester (winter)	4th semester (summer)	5th semester (winter)	6th semester (summer)
<b>General</b>							
1	Health & Safety training						
2	Foreign language: English	2	2	2	2		
3	Physical education	1	1				
4	Summer camp		1				
5	** Water rescue / Climbing techniques			1			
6	** Statistics / Information Technology					1	
7	Winter camp - skiing					1	
8	Research methodology					1	
<b>Fundamental Sciences</b>							
9	Medical treatments techniques	4	4				
10	Qualified first aid		3				
11	Methodology of teaching first aid and qualified first aid		2				
12	Professional practice - Emergency Service (80 h., 2 weeks)		3		4		
13	Professional practice - Emergency Room (120 h., 3 weeks)		4		3		
14	Professional practice - Fire department (80h., 2 weeks)				3		
15	Internal diseases			4	2		
16	Surgery			4	2		
17	Emergency medicine			3			
18	Medical rescue activities			3			
19	** Emergency medicine (Cardiology / Emergency Room)			3			
20	Medical rescue activities in injuries			4			
21	Emergency medications					3	
22	Obstetrics and gynecology					2	2
23	Neurology					2	

24	Emergency medicine						2
25	** Medical rescue activities at the emergency services / Medical rescue activities in the Intensive Care Unit					4	
26	Intensive care					3	
27	Pediatrics					3	2
28	Diploma seminar					1	2
29	Psychiatry						2
30	Traumatology of motor organs						4
31	** Medical rescue activities in pediatrics / medical rescue activities in geriatrics						4
32	Disaster medicine						2
33	Forensic medicine					2	
34	** Neurology / Stroke Unit						2
35	** Intensive care of children / Intensive care of adults						3
<b>Specialised sciences</b>							
36	Anatomy	3	3				
37	Physiology	3					
38	Psychology	1					
39	Sociology	1					
40	Public health	2					
41	First aid	3					
42	Hygiene and epidemiology	2					
43	Biochemistry	1					
44	Biophysics	2					
45	Pathophysiology	1					
46	Biology and microbiology	1					
47	Introduction to law	1					
48	Sign language	2					
49	**Philosophy/Ethics		1				
50	** Health promotion and health education / Fundamentals of Human Nutrition		1				
51	** Ergonomy, Health and Safety / Health economics		1				
52	** Primary health care / Health care organization		1				
53	** Health and social policy / International aspects of public health		2				

54	Didactics		1				
55	Toxicology			2			
56	Pharmacology			3			
57	** Geriatrics / Rehabilitation of disabled people			1	2		
58	** Organization of an integrated rescue / Emergency medical systems			1			
59	**Nephrology / Infectious diseases			2			
60	Physical examination			1			
61	**Urology / Conservative cardiology			1	2		
62	** Pain / Radiology			1			
63	**Multiculturalism in medical services / Hospital infections				3		
64	**Resuscitation group management / Interpersonal communication			1			
65	** Chemical and ecological rescue / Environmental protection basics					2	
66	** Ophthalmology / Laryngology					1	
67	** Psychological aspects of rescue operations / tactics and command in emergency care						1
68	** Transfusion / Transplantology					2	
69	** Intellectual property protection / Legal aspects of lifeguard work						1
70	** Specialistic rescue medicine / Crisis management					2	
71	** Oncology / Palliative Care						1 2