

Direction: *Medical Rescue*
Intramural studies in ECTS system

Year I, semester I (winter)

No	Subject	Classes form	Number of hours	Credit form**	Obligatory Subject in the semester	ECTS points
A. General subjects						
1	Information technology	lecture	15	credit	yes	2
	Information technology	exercises	15	credit	yes	
2	Philosophy / Ethics*	lecture	45	credit	yes	2
B. Basic Subjects						
3	Laws propaedeutic	lecture	15	credit	yes	1
4	Sociology	lecture	15	credit	no	1
5	Psychology	lecture	15	credit	no	1
6	Biophysics	table exercises	15	credit	yes	1
7	Biochemists	lecture	15	credit	yes	1
8	Public health	lecture	30	credit	no	2
9	Hygiene and Epidemiology	lecture	30	credit	no	2
10	Anatomy	lecture	30	credit	yes	3
	Anatomy	exercises	15	credit	yes	
11	Physiology	lecture	30	exam	yes	5
	Physiology	exercises	30	credit	yes	
12	Biology and microbiology	lecture	30	exam	yes	3
	Biology and microbiology	table exercises	15	credit	yes	
13	First aid	lecture	15	exam	yes	2
	First aid	exercises	15	credit	yes	
14	Economics basis	lecture	15	credit	yes	1
15	Demography basis	lecture	15	credit	yes	1
16	Basis of health promotion and health education	lecture	30	credit	no	2
17	Nutrition basis / Nutrition in prophylaxis and disease*	lecture	50	credit	yes	3
	Nutrition basis / Nutrition in prophylaxis and disease*	table exercises	10	credit	yes	
Altogether: 33 points of ECTS						

* alternative subjects

** all form of credits must be finished by mark

Year I, semester II (summer)

No	Subject	Classes form	Number of hours	Credit form**	Obligatory Subject in the semester	ECTS points
A. General subjects						
1	Foreign language	exercise	30	credit	yes	1
2	Social Communication/Logic *	lecture	45	credit	no	1
3	Intellectual Property Protection	lecture	15	credit	no	1
4	Safety, Occupational Health and Ergonomics	lecture	15	credit	no	1
B. Basic Subjects						
5	Chemistry of dangerous substances/Biochemical analysis *	exercise	15	credit	no	1
6	Anatomy	lecture	30	exam	yes	4
	Anatomy	exercise	15	credit	yes	
7	Pathophysiology	lecture	30	exam	yes	3
	Pathophysiology	table exercises	15	credit		
8	Didactics	lecture	15	credit	yes	1
9	Organization and management	lecture	15	credit	no	1
10	Basics of biostatistics	exercise	15	credit	no	1
11	Basic social and health policy	lecture	15	credit	no	1
12	International aspects of public health	lecture	15	credit	no	1
13	Social pathologies/Support in crisis *	lecture	40	credit	no	2
	Social pathologies / Support in crisis *	table exercises	20	credit	no	
C. Major Courses						
14	Qualified first aid	lecture	30	exam	yes	2
	Qualified first aid	exercise	30	credit	yes	
15	Emergency Medicine	lecture	30	credit	yes	3
	Emergency Medicine	exercise	30	credit	yes	
16	Medical rescue operations	lecture	45	credit	yes	4
	Medical rescue operations	exercise	60	credit	yes	
17	Organization of medical rescue system/Special Medical Emergency *	lecture	30	credit	yes	1
After 1 year training (4 weeks 160 hours)					yes	4
Total: 33 ECTS						

* alternative subjects

** all form of credits must be finished by mark

Year II, Semester III (winter)

No	Subject	Classes form	Number of hours	Credit form**	Obligatory Subject in the semester	ECTS points
A. General subjects						
1	Foreign Language	exercises	30	credit	yes	1
B. Basic Subjects						
2	Pharmacology	lecture	30	exam	no	2
C. Major Courses						
3	Emergency Medicine	lecture	30	credit	yes	3
	Emergency Medicine	exercises	45	credit	yes	
4	Medical rescue operations	lecture	45	credit	yes	4
	Medical rescue operations	exercises	60	credit	yes	
5	Organization of medical rescue system / Special Medical Emergency *	lecture	30	credit	yes	1
6	Internal Medicine	lecture	30	credit	yes	3
	Internal Medicine	exercises	30	credit	yes	
7	Pediatrics	lecture	30	credit	yes	3
	Pediatrics	exercises	15	credit	yes	
8	Childhood diseases / Basic of geriatrics *	lecture	30	credit	no	2
9	Neurology	lecture	15	exam	no	2
	Neurology	exercises	15	credit	no	
10	Intensive care	lecture	15	credit	yes	4
	Intensive care	exercises	30	credit	yes	
11	Intensive therapy of respiratory insufficiency/intensive therapy of heart insufficiency *	lecture	30	credit	no	2
12	Psychiatry	lecture	30	exam	yes	2
13	Obstetrics and Gynecology	lecture	30	credit	yes	2
14	Infectious diseases / transfusiology *	lecture	30	credit	no	2
Total: 33 ECTS						

* alternative subjects

** all form of credits must be finished by mark

Year II, Semester IV (summer)

No	Subject	Classes form	Number of hours	Credit form**	Obligatory Subject in the semester	ECTS points
A. General subjects						
1	Foreign Language	exercises	30	credit	yes	1
2	Physical Education	exercises	30	credit	yes	1
B. Basic Subjects						
3	Toxicology	lecture	30	exam	no	2
	Toxicology	table exercises	15	credit	no	
C. Major Courses						
4	Emergency Medicine	lecture	30	credit	yes	3
	Emergency Medicine	exercises	45	credit	yes	
5	Medical rescue operations	lecture	45	credit	yes	4
	Medical rescue operations	exercises	60	credit	yes	
	Medical rescue operations	table exercises	15	credit	yes	
6	Organization of medical rescue system / Special Medical Emergency *	lecture	60	credit	yes	2
7	Internal Medicine	lecture	30	exam	no	3
	Internal Medicine	exercises	30	credit	no	
8	Cardiovascular diseases / Nephrology *	lecture	45	credit	no	2
9	Surgery	lecture	30	credit	yes	3
	Surgery	exercises	30	credit	yes	
10	Surgery of acute abdominal diseases / * Traumatology	table exercises	30	credit	yes	1
11	Pediatrics	lecture	15	exam	no	2
	Pediatrics	exercises	15	credit	no	
12	Intensive care	lecture	15	exam	yes	3
	Intensive care	exercises	15	credit	yes	
Practice after the second year (6 weeks / 240 hours)					yes	6
Total: 33 ECTS						

* alternative subjects

** all form of credits must be finished by mark

Year III, Semester V (winter)

No	Subject	Classes form	Number of hours	Credit form**	Obligatory Subject in the semester	ECTS points
A. General subjects						
1	Foreign Language	exercises	30	exam	yes	2
2	Physical Education	exercises	30	credit	yes	1
B. Basic Subjects						
3	Methodology	lecture	15	credit	yes	2
4	Ecology / Environmental Basics *	lecture	30	credit	yes	2
5	Palliative care / rehabilitation of disabled persons *	lecture	50	credit	yes	3
	Palliative care / rehabilitation of disabled persons *	table exercises	10	credit	yes	
6	Sociology of Health / Environmental Health Basics *	lecture	50	credit	yes	3
	Sociology of Health / Environmental Health Basics *	table exercises	10	credit	yes	
7	Sanitary and epidemiological surveillance / prevention and health *	lecture	50	credit	yes	3
	Sanitary and epidemiological supervision / prevention and health *	table exercises	10	credit	yes	
C. Major Courses						
8	Emergency Medicine	lecture	30	credit	yes	3
	Emergency Medicine	exercises	30	credit	yes	
9	Medical rescue operations	lecture	45	credit	yes	4
	Medical rescue operations	exercises	45	credit	yes	
10	Surgery	lecture	30	exam	yes	4
	Surgery	exercises	30	credit	yes	
11	Surgery of acute abdominal diseases / * Traumatology	table exercises	30	credit	yes	2
12	Ophthalmology / Clinical Radiology *	lecture	20	credit	yes	2
	Ophthalmology / Clinical Radiology *	exercises	10	credit	yes	
13	Seminar	seminar	15	credit	yes	1
Total: 32 ECTS						

* alternative subjects

** all form of credits must be finished by mark

Year III, VI semester (summer)

No	Subject	Classes form	Number of hours	Credit form**	Obligatory Subject in the semester	ECTS points
B. General subjects						
1	Economics and Finance / Insurance * Health and social	lecture	50	credit	yes	2
	Economics and Finance / Insurance * Health and social	table exercises	10	credit	yes	
C. Major Courses						
2	Emergency Medicine	lecture	30	exam	yes	3
	Emergency Medicine	exercises	30	credit	yes	
3	Medical rescue operations	lecture	45	exam	yes	4
	Medical rescue operations	exercises	45	credit	yes	
4	First Aid Teaching Methodology	lecture	30	credit	yes	2
	First Aid Teaching Methodology	exercises	15	credit	yes	
5	Disaster Medicine	lecture	45	credit	yes	3
	Disaster Medicine	exercises	15	credit	yes	
6	Surgery of acute abdominal diseases / * Traumatology	table exercises	30	credit	yes	2
7	Traumatology of bones and joints	lecture	45	exam	yes	3
	Traumatology of bones and joints	exercises	45	credit	yes	
8	Orthopedics of children and adults / Neurotraumatologia *	lecture	30	credit	yes	1
9	Forensic medicine	lecture	30	credit	yes	2
10	Seminar	seminary	15	credit	yes	1
11	Bachelor's degree	exercises	300	credit	yes	8
Total: 31 ECTS						

* alternative subjects

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