



Syllabus for academic year: 2021/2022 Training cycle: 2017/2018 – 2022/2023													
Description of the course													
Course	Emergency Medicine (1)							Group of detailed education results					
								Group code F	Group name Clinical Interventional Classes				
Faculty	Faculty of Medicine												
Major	medicine												
Level of studies	<input checked="" type="checkbox"/> uniform magister studies <input type="checkbox"/> 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies												
Form of studies	<input checked="" type="checkbox"/> full-time <input type="checkbox"/> part-time												
Year of studies	5						Semester:	<input checked="" type="checkbox"/> winter <input checked="" type="checkbox"/> summer					
Type of course	<input checked="" type="checkbox"/> obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / optional												
Language of study	<input type="checkbox"/> Polish <input checked="" type="checkbox"/> English												
Number of hours													
Form of education													
	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
Winter semester:													
Department and Clinic of Emergency Medicine													
Direct (contact) education ¹					4		4						
Distance learning ²	7												
Department of Paediatric Traumatology and Emergency Medicine													
Direct Studies					2		4						
Distance Learning	3												

¹ Education conducted with direct participation of university teachers or other academics

² Education with applied methods and techniques for distance learning



Department of Emergency Medical Services																				
Direct Studies								6												
Distance Learning																				
Summer semester:																				
Department and Clinic of Emergency Medicine																				
Direct Studies																				
Distance Learning	7							8												
Department of Paediatric Traumatology and Emergency Medicine																				
Direct Studies																				
Distance Learning	3																			
Department of Emergency Medical																				
Direct Studies																				
Distance Learning																				
TOTAL per year:	20							14												
Educational objectives (max. 6 items)																				
C1. Introduce students to the organization of the emergency medical systems																				
C2. Teach students to perform cardiopulmonary resuscitation in children and adults																				
C3. Teach students to identify states potentially leading to cardiac arrest and methods of treating them																				
C4. Teach students how to proceed in cases of acute life threatening trauma																				
C5. Teach students how to identify psychological problems in patients in danger of dying as well as their families and methods of addressing them.																				
C6. Shape the social competencies of students necessary to carry out the job of physician																				
Development social competences needed to practice the medical profession, in accordance with graduate's profile.																				
Education result for course in relation to verification methods of the intended education result and the type of class:																				
Number of detailed education result	Student who completes the course knows/is able to													Methods of verification of intended education results	Form of didactic class <i>*enter the abbreviation</i>					
W 01	Understands the functioning of the integrated national emergency medical system													Test	L, CC					
W 02	Knows the current guidelines for cardiopulmonary resuscitation in neonates, children and adults													Test	CC, L, CSC					
U 01	Can perform basic life saving procedures including use of external defibrillator and other emergency procedures and can administer first aid													Carrying out actions in simulated conditions; assessment of the quality of chest compressions and ventilation with the assistance of computer program: other actions will	CS					



		be assessed by an instructor using a structured protocol	
U 02	Acting in accordance with the current algorithm for advanced life support	Carrying out actions in simulated conditions; assessment of the quality of chest compressions and ventilation with the assistance of computer program; other actions will be assessed by an instructor using a structured protocol	CSC
U03	Can assess and diagnose imaging tests regarding the most common types of fractures, especially fractures of the long bones	test	CK
* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning			
Student's amount of work (balance of ECTS points):			
Student's workload (class participation, activity, preparation, etc.)		Student Workload	
1. Number of hours of direct contact:		40	
2. Number of hours of distance learning:		20	
3. Number of hours of student's own work:		20	
4. Number of hours of directed self-study		n/a	
Total student's workload		80	
ECTS points for course		3,0	
Content of classes: (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)			
Lectures			
Winter Semester			
Department and Clinic of Emergency Medicine			
1. Emergency medicine in Poland. Epidemiology of acute life threatening conditions. Intrahospital triage. Structure and functioning of the emergency department.			
2. Epidemiology of acute cardiac arrest. Cardiac arrest in out-of-hospital and in-hospital conditions. Postresuscitation disease. Therapeutic hypothermia.			
3. Cardiopulmonary resuscitation in adults. Advanced postresuscitation care.			
Department of Paediatric Traumatology and Emergency Medicine			
1. Cardiopulmonary resuscitation in children. Procedures in case of choking			
Summer Semester			
Department and Clinic of Emergency Medicine			
1. Causes, Symptoms, procedures in diagnosing and treating in relation to the most common diseases requiring surgical intervention in adults.			
2. Patient with multi system injury (polytrauma)			
Department of Paediatric Traumatology and Emergency Medicine			
1. Causes, Symptoms, procedures in diagnosing and treating in relation to the most common diseases requiring surgical intervention in children			
Seminars			
1. does not apply			
Practical classes			
Winter Semester			
Department and Clinic of Emergency Medicine			



Classes in Simulated Conditions

1. Securing the airway and ventilation using bag valve mask (AMBU)
2. Rapid trauma assessment

Clinical Classes

1. Recognition and treatment of states posing imminent threat to the patient's life. Triage.
2. Patient after syncope in the Emergency Department / Patient with disturbances of consciousness.

Department of Paediatric Traumatology and Emergency Medicine

Classes in Simulated Conditions

1. Basic and advanced life support in children
2. Initial treatment of traumatic injury in children

Clinical Classes

1. Acute Eye Injury

Department of Emergency Medical Services

Classes in Simulated Conditions

1. Chest compressions, first aid
2. Defibrillation and cardioversion, transdermal stimulation
3. Treatment of external bleeding
4. Immobilization of the cervical spine, limbs, using a pelvic binder

Summer Semester

Department and Clinic of Emergency Medicine

Clinical Classes

1. Most common fractures, especially fractures of long bones
2. Communication in the Emergency Department
3. Patient with AV block in the emergency department / transdermal stimulation
4. Diseases requiring surgical intervention

Department of Paediatric Traumatology and Emergency Medicine

Classes in Simulated Conditions

1. Advanced Life Support in children

Department of Emergency Medical Services

Classes in Simulated Conditions

1. Insertion of intravenous cannula, intravenous injections, intramuscular and subcutaneous injections, assembly of IV sets for fluid administration
2. ALS defibrillatable and non-defibrillatable rhythms

Other

Does not apply

Basic literature (list according to importance, no more than 3 items)

1. Emergency Medicine Secrets Questions and Answers Revealed J. Markovchick, Peter T. Pons, Katherine M. Bakes. Medipage 2016
2. Guidelines of the European Resuscitation Council 2021 https://www.prc.krakow.pl/wytyczne_2021.html

Additional literature and other materials (no more than 3 items)

1. NMS Emergency Medicine Scott H. Plantz, E. John Wipfler. Urban&Partner 2011

Preliminary conditions (minimum requirements to be met by the student before starting the module/course)

Review of information learned during the first year regarding first aid as well as information from the fourth year regarding cardiopulmonary resuscitation.

Conditions to receive credit for the course (specify the form, criteria and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades).

Each absence must be made up, including rector's days or dean's hours.



The grade from the classes will be based on an average of the grades received from individual classes. Credit for lectures will be based on completing a test within a week from the date of the lecture. A link to the test will be provided to the students through the cloud service OwnCloud

Grade:	Criteria for courses ending with a grade ³
Very Good (5.0)	Average of 4.6-5.0
Good Above (4.5)	Average of 4.1-4.59
Good (4.0)	Average of 3.6-4.09
Satisfactory Plus (3.5)	Average of 3.25-3.59
Satisfactory (3.0)	Average of 3.0-3.24
	Criteria for courses ending with a credit ³
Credit	

Grade:	Criteria for exam ³
Very Good (5.0)	
Good Above (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	

Department in charge of the course:	Department and Clinic of Emergency Medicine
Department address:	Borowska 213 50-556 Wrocław
Telephone:	00 48 71 7332981
E-Mail:	kat.med.rat@umed.wroc.pl

Person in charge for the course:	Dr. n. med. Janusz Sokółowski
Telephone:	71 733 29-80
E-Mail:	janusz.sokolowski@umed.wroc.pl

List of persons conducting specific classes:

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Dorota Zyśko	Prof. dr hab.	Medical Studies	physician	CC, CSC, L
Katarzyna Budrewicz	dr n. med.	Medical Studies	physician	CC, CSC
Goutam Chourasia	lek.	Medical Studies	physician	CC, CSC
Rafał Czyż	dr. n. med.	Health Studies	EMS	CC, CSC
Krzysztof Dudek	dr n. med.	Medical Studies	physician	CC, CSC
Grzegorz Gogolewski	dr n. med.	Medical Studies	physician	CC, CSC
Rafał Jakobson	lek.	Medical Studies	physician	CC, CS
Małgorzata Kaczmarek-Fojtar	mgr.	Psychology	psychologist	CC
Agnieszka Piątkowska	lek	Medical Studies	physician	CC, CSC
Paweł Pochciał	lek.	Medical Studies	physician	CC, CSC
Barbara Porębska	lek	Medical Studies	physician	CC, CSC
Przemysław Skoczyński	dr n. med.	Medical Studies	physician	CC, CSC
Wiesław Krzysztof Sycz	lek.	Medical Studies	physician	CC, CSC
Joanna Wizowska	lek.	Medical Studies	physician	CC, CSC
Jarka Moczarska	lek.	Medical Studies	physician	CC, CSC
Jakub Mercik	lek.	Medical Studies	physician	CC, CSC

³ The verification must cover all education results, which are realized in all form of classes within the course



Department of Emergency Medical Services				
Jarosław Sowizdraniuk	mgr	Health Studies	EMS	CSC
Jacek Gajek	Prof. dr. hab.	Medical Studies	physician	CC
Department of Paediatric Traumatology and Emergency Medicine				
Jan Godziński	prof. dr hab. n. med.	Medical Studies	physician	L, CSC
Kinga Niewińska	dr n. med.	Medical Studies	physician	CSC
Joanna Jakubaszko-Jabłońska	dr n. med.	Medical Studies	physician	CC, CSC
Janusz Sokołowski	dr n. med.	Medical Studies	physician	CSC
Marzena Kozakiewicz	lek.	Medical Studies	physician	CSC

Date of Syllabus development
29/06/21

Syllabus developed by
Dr Janusz Sokołowski

Signature of Head(s) of teaching unit(s)

Dean's signature

Wrocław Medical University
Faculty of Medicine
Vice-Dean for Health Studies

prof. Beata Sadowska, PhD

..... Uniwersytet Medyczny we Wrocławiu
KATEDRA I KLINIKA
MEDYCyny RATUNKOWEJ
p.o. kierownik
dr n. med. Janusz Sokołowski