



Syllabus 2017/2018														
Description of the course														
Module/Course	Emergency Medicine (2)										Group of detailed education results			
											Group code	Group name		
											F	Study of clinical procedures		
Faculty	Medicine													
Major	medicine													
Specialties	N/A													
Level of studies	Uniform master degree X * 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies X postgraduate studies <input type="checkbox"/>													
Form of studies	X full-time X part-time													
Year of studies	6					Semester		X Winter		X Summer				
Type of course	X obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / elective													
Course	x major <input type="checkbox"/> basic													
Language of instruction	<input type="checkbox"/> Polish X English <input type="checkbox"/> other													
* mark accordingly, swapping <input type="checkbox"/> with an X														
Number of hours														
Form of education														
Unit teaching the course	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)	Specialist Classes – master studies (SCM)	Foreign language Course (FLC)	Obligatory Physical Education (PE)	Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
Winter Semester														
Department and Clinic of Emergency Medicine					16		4							
Department of Medical Emergency							4							



Department of Paediatric Traumatology and Emergency Medicine						6								
Summer Semester														
Department and Clinic of Emergency Medicine					16		4							
Department of Medical Emergency							4							
Department of Paediatric Traumatology and Emergency Medicine							6							
TOTAL per year:														
Department and Clinic of Emergency Medicine					32		8							
Department of Medical Emergency							8							
Department of Paediatric Traumatology and Emergency Medicine							12							
Suma					32		28							
Educational objectives (max. 6 items)														
C1. Teach students how to manage patients with acute internal diseases														
C2. Teach students how to manage environmental emergencies														
C3. Teach students how to manage patients with acute surgical diseases														
C4. Teach students how to treat children with states of emergency														
C5 Teach students to communicate with a psychiatric patient in Emergency Department														
Matrix of education results for module/course in relation to verification methods of the intended education result and the type of class														
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to					Methods of verification of intended education results (forming and summarizing)			Form of didactic class <i>**enter the abbreviation</i>				
W 01	F.W8	Knows the current guidelines for CPR of newborns, children and adults					Test, practical exam			CC, CSC				
U 01	F.U11	Operates in accordance with the current algorithm of advanced life support;					practical exam			CC, CSC				
U 02	F.U5.	Performs peripheral venous					practical exam			CSC				



		cathererization		
<p>** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (master studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .</p>				
<p>Please mark on a scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Knowledge: ++++ Skills +++ Social competences</p>				
Student's amount of work (balance of ECTS points)				
Student's workload (class participation, activity, preparation, etc.)			Student Workload (h)	
1. Office hours:			60	
2. Student's own work (self-study):			66	
Total student's workload			126	
ECTS points for module/course			4,0	
Comments				
<p>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)</p>				
<p>Lectures</p> <p>4.</p>				
<p>Seminars</p> <p>1. 2. 3.</p>				
<p>Practical classes, winter semester Classes in simulating conditions: Department of Paediatric Traumatology and Emergency Medicine 1. Children airway management and ventilation 2. Electrocardioversion and defibrillation in children 3. Intraosseous acces and intravenous access in children Department of Medical Emergency 1. Electrocardioversion, defibrillation, external transcutaneous pacing 2. Intraosseous acces and intravenous access subcutaneous and intramuscular injections</p> <p>Department and Clinic of Emergency Medicine 1. Airway management and ventilation 2. Immobilisation of traumatic injuries.</p> <p>Summer semester Department of Paediatric Traumatology and Emergency Medicine</p>				



1. Management of traumatic injuries in children
2. Cardiopulmonary resuscitation in newborn
3. Cardiopulmonary resuscitation in infants

Department and Clinic of Emergency Medicine

1. Traumatic cardiac arrest, haemorrhage control
2. Joints' examination

Department of Medical Emergency

1. Cardiopulmonary resuscitation Shockable rhythms
2. Cardiopulmonary resuscitation Non-shockable rhythms

Clinical classes

Department and Clinic of Emergency Medicine

Winter semester

1. Pulmonary embolism,
2. Acute aortic syndromes
3. Sepsis
4. Acute abdomen
5. Atrial fibrillation
6. Basic trauma life support
7. Upper limb traumatic injuries
8. Wounds

Summer semester

9. Head and spine injuries
10. Shock
11. Supraventricular and ventricular tachycardia
12. Alcohol intoxication
13. Environmental emergencies
14. Chest injuries
15. Behavioral emergencies
16. Limb injuries, frost

Other

- 1.
- 2.
- 3.

etc. ...

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

1. J.E. Tintinalli: Emergency Medicine. Wydawnictwo American College of Emergency Physician Rok 2000
2. ERC Guidelines 2015 <https://cprguidelines.eu/>

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

1. Roberts and Hedges' Clinical Procedures in Emergency Medicine 6 th Edition.
2. V.J. Markovchick, P.T. Pons, K.M. Bakes Emergency Medicine Secrets Elsevier

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

Laptop, projector multimedia, manikins to learn resuscitation of the child and adult manikins to learn intubation, AED defibrillator, phantom to study accesses to peripheral veins, phantom to study of procedures related to the handling traumatic problems, phantom to treat pneumothorax, flanges, boards orthopedic immobilization, tracheal tube, tube oro-pharyngeal, laryngeal tubes, bandages, cotton swabs, liquid disinfectant apparatus for ultrasound, ECG apparatus



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

Receiving credit of emergency medicine course

Conditions to receive credit for the course (specify the form 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)

A. Credit classes:

1. Attendance to the limit of 10% absences.
2. **At least 80% correct answers to test questions. The test will be conducted after the end of the winter semester at the same time for all students**

B. Admission terms to final examination

1. Credit classes
2. **Obtaining at least 80 points of practical skills exam**

C. Examination will consist of a test with 60 questions, practical exam and oral exam

Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	The correct answer to 57-60 questions The correct performance of 3 emergency procedures
Good Plus (4.5)	The correct answer 53-56 questions The correct performance of 3 emergency procedures
Good (4.0)	The correct answer 49-52 questions The correct performance of 3 emergency procedures
Satisfactory Plus (3.5)	The correct answer 45-48 questions The correct performance of 3 emergency procedures
Satisfactory (3.0)	The correct answer -41-44 questions The correct performance of 3 emergency procedures



Name and address of module/course teaching unit, contact: telephone and e-mail address

Katedra i Klinika Medycyny Ratunkowej Borowska 213

0048 71 7332969 email:

kat.med.rat@umed.wroc.pl.....

Coordinator / Person responsible for module/course, contact: telephone and e-mail address

Dr hab. Dorota Zyśko, prof. nadzw.

600125283

dorota.zysko@umed.wroc.pl

List of people conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.

Department and Clinic of Emergency Medicine

Dr hab. Dorota Zyśko, prof. nadzw. medical doctor CC, CSC

Dr n. med. Przemysław Skoczyński medical doctor, CC, CSC

Dr n. med. Krzysztof Dudek medical doctor, CC, CSC

Dr n. med. Katarzyna Budrewicz, medical doctor, CC, CSC

Dr n. med. Rafał Kleczyk, medical doctor, CC, CSC

Lek Krzysztof Bilaszewski medical doctor CSC, CC

Dr n. med. Małgorzata Rak, medical doctor CSC, CC

Lek. Michał Dudek medical doctor, CC, CSC

Dr Barbara Porębska medical doctor CSC, CC

Lek. Goutam Chourasia medical doctor, CC

Lek. Agnieszka Piątkowska; medical doctor, CC

Lek. Joanna Wizowska; medical doctor, CC

Mgr Małgorzata Kaczmarek psychologist, CC

Department of Paediatric Traumatology and Emergency Medicine

Prof. dr hab. Jan Godziński, medical doctor CC

Dr n. med. Lilianna Styka medical doctor, CC, CSC

Dr n. med. Kinga Niewińska medical doctor, CC, CSC

Dr n. med. Joanna Jakubaszko-Jabłońska medical doctor, CC, CSC

Lek. Michał Rutkowski medical doctor, CC, CSC

Dr n. med. Janusz Sokołowski medical doctor, CC, CSC

Dr n. med. Marta Kwiaton medical rescuer, psychologist, CC, CSC

Lek. Marzena Kozakiewicz medical doctor, CC, CSC

Lek. Karol Dopierała medical doctor, CC, CSC

Lek. Remigiusz Chrostek medical doctor, CC, CSC

Department of Medical Emergency

Dr n. med. Marta Obremaska medical doctor CSC, CC

Dr n. zdr. Marcin Leśkiewicz, medical rescuer CSC

Date of Syllabus development

12/07.2017

Syllabus developed by



Signature of Head of teaching unit

Uniwersytet Medyczny we Wrocławiu
KATEDRA MEDYCYNY RATUNKOWEJ
kierownik

dr hab. Dorota Zysko, prof. nadzw.

Signature of Faculty Dean

Wrocław Medical University
FACULTY OF MEDICINE
VICE-DEAN FOR COURSES IN ENGLISH
Prof. Andrzej Hendrich, PhD