



Syllabus 2018/2019														
Description of the course														
Module/Course	Emergency Medicine (2)						Group of detailed education results							
							Group code	F	Group name					
							Clinical Interventional Classes							
Faculty	Medicine													
Major	Medicine													
Specialties	Not applicable													
Level of studies	Uniform masters level studies X * 1 <sup>st</sup> degree studies <input type="checkbox"/> 2 <sup>nd</sup> degree studies <input type="checkbox"/> 3 <sup>rd</sup> degree studies <input type="checkbox"/> 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 <input type="checkbox"/> with an X														
Number of hours														
Type of learning														
HF-high fidelity														
LF- low Fidelity														
Unit teaching the course	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – non-clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSCC)	Practical Classes with Patient (PCPA)	Specialist Classes – masters studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
<b>Winter Semester</b>														
Department and Clinic of Emergency Medicine					10		4 LF 4 HF							
Department of Paediatric Traumatology and Emergency Medicine							6 HF							



<b>Division of Nursing of Internal Diseases</b>				2										
<b>Department of Medical Emergency</b>						4 HF								
<b>Summer Semester</b>														
<b>Department and Clinic of Emergency Medicine</b>				10		8 HF								
<b>Department of Paediatric Traumatology and Emergency Medicine</b>						6 HF								
<b>Division of Nursing of Internal Diseases</b>				2										
<b>Department of Medical Emergency</b>						4 HF								
<b>TOTAL per year:</b>														
<b>Department and Clinic of Emergency Medicine</b>				20		4 LF 12 HF								
<b>Department of Paediatric Traumatology and Emergency Medicine</b>						12 HF								
<b>Division of Nursing of Internal Diseases</b>				4										
<b>Department of Medical Emergency</b>						8 HF								
<b>Educational objectives (max. 6 items)</b>														
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 traumatic threats to life														
C5. Teach students how to identify psychological problems in patients in danger of dying as well as their families and methods of solving them.														
<b>Education result matrix for module/course in relation to verification methods of the intended education result and the type of class</b>														
Number of course education result	Number of major	Student who completes the module/course knows/is able to				Methods of verification of intended education				Form of didactic class <b>**enter the</b>				



	education result		results (forming and summarizing)	abbreviation
W 01	F.W9	Understands the regulations controlling the functioning of the integrated national emergency medical system	Test	L, CC
W 02	F.W8	Knows the guidelines for cardiopulmonary resuscitation in neonates, children and adults	Test	CC, L, CSCC
U 01	F.U9	Is able to treat external bleeding	Carrying out actions in simulated conditions; actions will be assessed by an instructor using a structured protocol	CSCC
U 02	F.U10	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 be assessed by an instructor using a structured protocol	CSCC
U 03	F.U11	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	CSCC
U 04	F.U5	Can insert intravenous access	Carrying out actions in simulated conditions; actions will be assessed by an instructor using a structured protocol	CSC

\*\* L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (master level studies); CSCC – 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 .



Please mark on scale 1-5 how the above effects place your classes in the following categories:  
communication of knowledge, skills or forming attitudes:  
Knowledge: ....  
Skills: ....

Student's workload (balance of ECTS points)	
Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	60
2. Student's own work (self-study):	20
Total student's workload	80
ECTS points for module/course	3,5
Comments	

**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**

- 
- 

**Seminars**

- 
- 

**Classes**

**Winter Semester**

**Department and Clinic of Emergency Medicine**

**Classes in Simulated Conditions – Low Fidelity**

1. Basic procedures in Emergency Medicine

**Classes in Simulated Conditions – High Fidelity**

1. Medical cardiac arrest in the emergency department

**Clinical Classes**

1. Behavioral hazards
2. Limb Injuries
3. Alcohol poisoning, monitoring the state of the poisoned patient, diagnosing patients under the influence of alcohol, drugs or psychotropic substances
4. Wound treatment
5. Pulmonary Embolism

**Department of Developmental Age Traumatology and Emergency Medicine**

**Classes in Simulated Conditions – High Fidelity**

1. Medical cardiac arrest in children, various clinical situations.

**Department of Medical Simulation**

**Classes in Simulated Conditions – High Fidelity**

1. Medical cardiac arrest in the ambulance

**Department of Nursing**

**Clinical Classes**

- 1 Arrhythmias in the Emergency Department



**Summer Semester**

**Department and Clinic of Emergency Medicine**

**Classes in Simulated Conditions – High Fidelity**

1. Patient with traumatic injury. Patient in hypothermia
2. Medical cardiac arrest, various clinical situations part 1
3. Traumatic cardiac arrest, various clinical situations

**Clinical Classes**

1. Implementing basic treatment in acute poisoning, insertion of nasogastric tube, gastric lavage
2. Traumatic chest injury, procedures in cases of shoCC due to trauma, polytrauma (multisystem traumatic injury)
3. FAST

**Department of Medical Simulation**

**Classes in Simulated Conditions – High Fidelity**

1. Medical cardiac arrest, various clinical situations part 2

**Department of Nursing**

**Clinical Classes**

1. Patient with dyspnea in the emergency department

**Department of Developmental Age Traumatology and Emergency Medicine**

**Classes in Simulated Conditions – High Fidelity**

1. Traumatic cardiac arrest in children, choking.

**Other**

- 1.
  - 2.
- etc. ...

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

- 1.
- 2.

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

- 1.
- 2.

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

Laptop, multimedia projector, manekin for training CPR in children and adults, manekins for training intubation, defibrillator, AED defibrillator, phantom for training IV injections, phantom for training procedures related to traumatic injury, phantom for training pneumothorax decompression, orthopedic baCCboard, intubation tubes, oropharyngeal tubes, bandages, cotton swabs, disinfectant, EKG, high fidelity work room, ambulance, emergency department

**Preliminary conditions (minimum requirements to be met by the student before starting the module/course) Completion of V year course – Emergency Medicine**

**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- clases made up or preparing presentation**

At the beginning of classes each student will receive a participation card and will receive credit in the form of a grade for each class from the instructor based on their level of activity during classes as well as



correctly answering one oral question or the performance of one procedure  
The grade from the classes will be based on an average of the grades received from individual classes  
Admittance to the exam will be contingent upon receiving positive grades from the classes as outlined above.  
The exam will be composed of written, oral and practical parts. The written test will consist of 60 questions, the practical exam will consist of four procedures, the oral exam will consist of 30 questions. The final grade will be based on the average of scores from the three individual components of the exam, each graded separately.

<b>Grade:</b>	<b>Criteria for course</b>
Very Good (5.0)	Average of 4,75-5,0 from classes
Good Plus (4.5)	Average of 4,25-4,74 from classes
Good (4.0)	Average of 3,75-4,24 from classes
Satisfactory Plus (3.5)	Average of 3,25-3,74 from classes
Satisfactory (3.0)	Average of 3,0-3,24 from classes

  

<b>Grade:</b>	<b>Criteria for exam (if applicable)</b>
Very Good (5.0)	Average of 4,75-5,0 from 3 components of the exam
Good Plus (4.5)	Average of 4,25-4,74 from 3 components of the exam
Good (4.0)	Average of 3,75-4,24 from 3 components of the exam
Satisfactory Plus (3.5)	Average of 3,25-3,74 from 3 components of the exam
Satisfactory (3.0)	Average of 3,0-3,24 from 3 components of the exam

<b>Name of department teaching course:</b>	<b>Department and Clinic of Emergency Medicine</b>
Address	<b>Borowska 213 50-556 Wrocław</b>
Phone	<b>00 48 71 7332981</b>
E-mail	<b>kat.med.rat@umed.wroc.pl</b>

<b>Person responsible for course:</b>	<b>Dr hab. Dorota Zyśko, prof. nadzw.</b>
Phone	<b>600125283</b>
E-mail	<b>dorota.zysko@umed.wroc.pl</b>

<i>List of persons conducting specific classes:</i>	<i>degree/scientific or professional title</i>	<i>Discipline</i>	<i>Performer profession</i>	<i>Type of classes</i>
<b>Dorota Zyśko</b>	Dr hab.	Emergency Medicine Cardiology, Internal Medicine	physician	CC, CSC, L
<b>Łukasz Bilaszewski</b>	Lek.	Emergency Medicine	physician	CC, CSC
<b>Katarzyna Budrewicz</b>	Dr n. med.	medicine	physician	CC, CSC
<b>Goutam Chourasia</b>	Lek	medicine	physician	CC, CSC
<b>Rafał Czyż</b>	Mgr	Health sciences Doctoral student – IV year	emergency medical technician	CC, CSC



Krzysztof Dudek	Dr n. med.	Emergency Medicine, thoracic surgery	physician	CC, CSC
Grzegorz Gogolewski	Dr n. med.	Emergency Medicine, internal medicine	physician	CC, CSC
Rafał Jakobson	lek	medicine	physician	CC, CSC
Małgorzata Kaczmarek-Fojtar	Mgr	psychology	psychologist	CC
Agnieszka Piątkowska	Lek	Internal Medicine	physician	CC, CSC
Paweł Pochciał	Lek	medicine	physician	CC, CSC
Barbara Porębska	Lek	Internal Medicine, toxicology	physician	CC, CSC
Przemysław Skoczyński	Dr n. med.	cardiology	physician	CC, CSC
Wiesław Krzysztof Sycz	Lek	Anesthesiology and Intensive Care	physician	CC, CSC
Joanna Wizowska	Lek	Emergency Medicine	physician	CC, CSC
Igor Woniakowski	Lek	Surgery	physician	CC, CSC
<b>Zakład Traumatologii i Medycyny Ratunkowej Wieków Rozwojowego</b>				
Jan Godziński	prof. dr hab. n. med.	Pediatric surgery, oncological surgery	physician	L, CSC
Lilianna Styka	dr n. med.	Anesthesiology and intensive care	physician	CSC
Kinga Niewińska	dr n. med.	Anesthesiology and intensive care Emergency Medicine	physician	CSC
Joanna Jakubaszko-Jabłońska	dr n. med.	Ophthalmology	physician	CC, CSC
Janusz Sokółowski	dr n. med.	Emergency Medicine	physician	CSC
Marta Kwiatkoń	dr n. med.	Emergency medical technician, psychology	emergency medical technician, psychologist	CSC
Marzena Kozakiewicz	lek.	Pediatric surgery	physician	CSC
Agnieszka BurkaCCa	dr n. med.	Pediatric surgery	physician	CSC

Date of Syllabus development

*B. W. 2016*

Syllabus developed by  
Uniwersytet Medyczny we Wrocławiu  
KATEDRA MEDYCZYNY RATUNKOWEJ  
Kierownik

Dr hab. Dorota Zysko prof. nadzw.  
dr hab. Dorota Zysko, prof. nadzw.

Signature of Head of teaching department

Uniwersytet Medyczny we Wrocławiu  
KATEDRA MEDYCZYNY RATUNKOWEJ  
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dr hab. Dorota Zysko, prof. nadzw.

Signature of Faculty Dean

Wrocław Medical University  
FACULTY OF MEDICINE  
VICE-DEAN FOR STUDIES IN ENGLISH

Prof. Andrzej Handberg, PhD