



Syllabus 2019/2020

Description of the course

Module/Course	Emergency Medicine	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 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies <input type="checkbox"/>		
Form of studies	X full-time X part-time		
Year of studies	5	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 with an X

Number of hours

Type of learning

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 (CSC)	Practical Classes with Patient (PCP)	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)
Winter Semester														
Department and Clinic of Emergency Medicine	7				4		10							
Department of Paediatric Traumatology and Emergency Medicine	3				2		4							
Summer Semester														
Department and Clinic of Emergency Medicine	7				8		6							



Medicine														
Department of Paediatric Traumatology and Emergency Medicine	3					6								
TOTAL per year:														
Department and Clinic of Emergency Medicine	14			12		16								
Department of Paediatric Traumatology and Emergency Medicine	6			2		10								
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 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.														
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class														
<i>Number of course education result</i>	<i>Number of major education result</i>	<i>Student who completes the module/course knows/is able to</i>				<i>Methods of verification of intended education results (forming and summarizing)</i>				<i>Form of didactic class **enter the abbreviation</i>				
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, CSC				
U 01	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				CSC				
U 02	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				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); 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 .

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: 4

Skills: 5

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	3,0
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

Winter Semester

Department and Clinic of Emergency Medicine

1. Emergency medicine in Poland. Epidemiology of acute life threatening conditions. Intra-hospital 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.
4. Procedure in states causing imminent threat to life. Patient with arrhythmias, in anaphylactic shock, acute coronary syndrome, pulmonary edema, asthma exacerbation, metabolic disturbances.

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5. Cardiopulmonary resuscitation in children. Procedures in case of choking

Summer Semester

Department and Clinic of Emergency Medicine

1. Introduction to clinical procedures in states of acute life threatening conditions in adults (pt. 1)
2. Introduction to clinical procedures in states of acute life threatening conditions in adults (pt. 2)
3. Patient with polytrauma

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4. Introduction to clinical procedures in states of acute life threatening conditions in children
5. Emergency treatment of traumatic injury in children

Seminars

- 1.

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) (CSC)
2. Quick trauma assessment (CSC)
3. Chest compressions, first aid (CSC)
4. Defibrillation and cardioversion, transdermal cardiac stimulation (CSC)

Clinical Classes

1. Recognition and treatment of states posing imminent threat to the patient's life. Triage. (CC)
2. Patient after syncope in the Emergency Department. (CC)

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1. Cricothyrotomy, intraosseous injections

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1. Basic and advanced life support in children (CSC)
2. Initial treatment of traumatic injury in children (CSC)
3. Acute eye injuries (CC)

Summer Semester

Department and Clinic of Emergency Medicine

Classes in Simulated Conditions

1. Stopping acute bleeding, immobilization of the cervical spine, limbs, application of pelvic stabilization device. (CSC)
2. Insertion of IV access, administering intramuscular, subcutaneous, intravenous injections. Assembling IV kits (CSC)
3. Advanced Life Support defibrilatable and non-defibrilatable rhythms. (CSC)

Clinical Classes

1. Patient with traumatic injury of the musculoskeletal system (CC)
2. Communication in the Emergency Department (CC)
3. Arrhythmias in the Emergency Department (CC)
4. Environmental Hazards (CC)

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1. Advanced Life Support in children

Other

- 1.
- etc. ...

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

- 1.

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

- 1.

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 backboard, intubation tubes, oropharyngeal tubes, bandages, cotton swabs, disinfectant, USG, EKG.

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.

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

Grade:	Criteria for course
Very Good (5.0)	Average of 4.6-5.0
Good Plus (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
Grade:	Criteria for exam (if applicable)
Very Good (5.0)	
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	



Satisfactory (3.0)

Name of department teaching course:	Department and Clinic of Emergency Medicine
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Person responsible for course:	Dr hab. Dorota Zyśko, prof. nadzw.
Phone	600125283
E-mail	dorota.zysko@umed.wroc.pl

<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>
Dorota Zyśko	dr hab.	Emergency Medicine Cardiology, Internal Medicine	physician	CC, CSC, L
Łukasz Bilaszewski	lek.	Emergency Medicine	physician	CC, CSC
Katarzyna Budrewicz	dr n. med.	medicine	physician	CC, CSC
Goutam Chourasia	lek.	medicine	physician	CC, CSC
Paweł Pochciał	lek.	medicine	physician	CC, CSC
Joanna Wizowska	lek.	Emergency Medicine	physician	CC, CSC
Grzegorz Gogolewski	dr n. med.	medicine	physician	CC, CSC
Zakład Traumatologii i Medycyny Ratunkowej Wieku Rozwojowego				
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 Sokołowski	dr n. med.	Emergency Medicine	physician	CSC
Anna Wojtyłko	lek.	Pediatric surgery	physician	CSC
Marzena Kozakiewicz	lek.	Pediatric surgery	physician	CSC
Agnieszka Burkacka	dr n. med.	Pediatric surgery	physician	CSC

Date of Syllabus development

31.08.2019

Syllabus developed by

Dr hab. Dorota Zyśko

Signature of Head of teaching department

Signature of Faculty Dean

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