



Summer Semester													
Department and Clinic of Emergency Medicine	7				12		0						
Department of Developmental Age Traumatology and Emergency Medicine	3						6						
Department of Medical Emergency					2		8						
Department of Nursing					2								
TOTAL per year:													
Department and Clinic of Emergency Medicine	14				24		0						
Department of Developmental Age Traumatology and Emergency Medicine	6				0		12						
Department of Medical Emergency							4						
Department of Nursing					4								
Educational objectives (max. 6 items)													
<p>C1. Introduce students to the organization of the emergency medical systems</p> <p>C2. Teach students to perform cardiopulmonary resuscitation in children and adults</p> <p>C3. Teach students to identify states potentially leading to cardiac arrest and methods of treating them</p> <p>C4. Teach students how to proceed in cases of acute traumatic threats to life</p> <p>C5. Teach students how to identify psychological problems in patients in danger of dying as well as their families and methods of solving them.</p>													
Education result matrix 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.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					Carrying out actions in simulated conditions; assessment of the			CSC			



		procedures and can administer first aid	quality of chest compressions and ventilation with the assistance of computer program: other actions will be assessed by an instructor using a structured protocol	
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):	66
Total student's workload	126
ECTS points for module/course	4,5
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)

Seminars

- 1.
- 2.
- 3.

Practical classes

Winter Semester

Department and Clinic of Emergency Medicine

Clinical Classes

- 1; Upper limb injury (CC)
2. Alcohol intoxication (CC)
3. Wounds treatment (CC)
4. Pulmonary embolism (CC)



Department of Medical Emergency

1. Shock recognition and treatment (CC)
2. Cardiac arrest in prehospital setting (CSC)
3. Cardiac arrest in Emergency Department (CSC)

Department of Internal Nursing

1. Atrial fibrillation (CC)

Department of Developmental Age Traumatology and Emergency Medicine

1. Cardiac arrest in children (CSC)

Summer Semester

Department and Clinic of Emergency Medicine

1. Chest injuries and polytrauma (CC)
2. Lower limb injuries (CC)
3. Acute intoxication (CC)
4. Patient with respiratory failure (CC)

Department of Internal Nursing

Supraventricular and ventricular tachycardia (CC)

Department of Medical Emergency

FAST (CC)

Medical cardiac arrest (CSC)

Traumatic cardiac arrest (CSC)

Department of Developmental Age Traumatology and Emergency Medicine

1. Cardiac arrest in children. Choking (CSC)

Other

1.

2.

etc. ...

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

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

1. ERC Guidelines 2015 <https://cprguidelines.eu>
2. V.J. Markovchick, P.T. Pons, K.M. Bakes Emergency Medicine Secrets Elsevier

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

1. Roberts and Hedges' Clinical Procedures in Emergency Medicine 6 th Edition.

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 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

284/5000

Admission to the final exam after passing the classes

The exam will have a test, practical and oral form. Test of 30 questions. Practical exam, 3 procedures, oral exam, 3 questions. The final grade will be the average of these three components assessed separately

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)	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

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

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



Rafał Czyż	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 Wolniakowski	lek.	Surgery	physician	CC, CSC
Department of Medical Emergency				
Marta Obremska	Dr n. med.	Cardiologist	physician	CC
Marcin Leśkiewicz	Dr n. zdr.		Paramedics	CSC
Department of Nursing				
Jacek Gajek	Prof.	Cardiologist	physician	CC
Department of Developmental Age Traumatology and Emergency Medicine				
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

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Uniwersytet Medyczny we Wrocławiu
KATEDRA MEDYCZYNY RATUNKOWEJ
Syllabus developed by
kierownik

dr hab. Dorota Zyśko, prof. nadzw.

Signature of head of teaching department
KATEDRA MEDYCZYNY RATUNKOWEJ
kierownik

dr hab. Dorota Zyśko, prof. nadzw.

Signature of Faculty Dean

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

Prof. Andrzej Hendrich, PhD