



Distance learning (asynchronous)															6	
Summer Semester																
Direct (contact) education																
Online learning (synchronous)																
Online learning (asynchronous)																
TOTAL per year:																
Direct (contact) education					5											
Online learning (synchronous)	5	5														
Online learning (asynchronous)															6	
Educational objectives (max. 6 items) C1. Aim of education is to teach the student diagnosing of the life treating conditions related to trauma, poisonings and internal disorders in children and adults, paying special attention to relationships with the diseases and procedures related to stomatology. C2. Student also should be able to organize and lead cardio respiratory resuscitation children and adults.																
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 summarising)					Form of didactic class <i>**enter the abbreviation</i>				
W 01	E.W4	Student knows the rules of proceeding with victims of multiorgan injuries					Interactive lectures, tutorials and seminars, written test					L, SE, MC				
W02	E.W5	Student knows organization of rescue in disasters, steps of the rescue action and extend of first medical aid provided to victims of catastrophe					Interactive lectures, tutorials and seminars, written test					L, SE, MC				
W03	E.W17	Student defines reasons and mechanism of cardio respiratory arrest and basic rules of resuscitation and post resuscitation treatment					Interactive lectures, tutorials and seminars, written test					MC				
W04	E.W18	Student defines life treating conditions					Interactive lectures, tutorials					L, SE				



			and seminars, written test	
E.W3	E.W20.	Student knows in which situations patient should be sent to hospital	Interactive lectures, tutorials and seminars, written test	L, SE
E.W4	F.W22.	Student knows and understands relationship between oral cavity disorders and general health condition	Interactive lectures, tutorials and seminars, written test	L, SE
U01	E.U1	Student is able to differentiate most frequent diseases in adults	Interactive lectures, tutorials and seminars, written test	L, SE, MC
U02	E.U2	Student is able to evaluate and describe somatic and psychological state of patient	Interactive lectures, tutorials and seminars, written test	SE
U 03	E.U3.	Is able to plan diagnostics and therapy in most frequent diseases in adults	Interactive lectures, tutorials and seminars, written test	SE, MC
U 04	E.U4.	is able to evaluate and interpret results lab test	Interactive lectures, tutorials and seminars, written test	SE, MC
U05	E.U8	Student recognizes the risk of life-threatening	Interactive lectures, tutorials and seminars, written test	L, SE, MC
U 06	E.U9.	is able to diagnose and describe signs and symptoms of shock and acute circulatory failure	Interactive lectures, tutorials and seminars, written test	SE
U 07	E.U10.	is able to diagnose sings and symptoms of CNS trauma, vascular diseases of brain, syndromes of dementia and awareness disorders	Interactive lectures, tutorials and seminars, written test	SE
U 08	E.U17.	is able to diagnose diseases related to smoking, alcohol intake and other addictions	Interactive lectures, tutorials	SE



			and seminars, written test	
U9	E.U20	Student is able to perform basic procedures and treatments: temperature measurement, controlling pulse, noninvasive measurement, blood pressure, providing oxygen therapy, providing artificial ventilation and supporting ventilation, installing oropharyngeal tube, preparation of surgical	Interactive lectures, tutorials and seminars, written test	MC,SE
K. 01		Student is able both to lead the team and to act as a team member. Student actively ameliorates his knowledge in the view of emergency medicine and its relationships with stomatology.	Interactive lectures, tutorials and seminars, written test	MC,SE

** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister 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: ...4.

Social competences: ...4..

Student's amount of work (balance of ECTS points)

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	5
2. Online learning hours (e-learning):	15
3. Student's own work (self-study):	6
Total student's workload	26
ECTS points for module/course	1.0
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

1. Medical rescue in health care systems 1h
2. Introduction to clinical procedures of emergency medicine 1h
3. Introduction to treatment of multiple injuries and multi-organ injuries 1h



4. Sudden ambulatory life threats 1h
5. Organization of lifesaving actions for mass incidents and disasters 1h

Seminars

1. Shock – types, pathophysiology, diagnosis and evaluation. 1h
2. Local anesthesia – pharmacology, complications, emergency procedures 1h
3. Risks related to the physical and chemical factors 1h
4. Traffic accidents – rescue strategies 1h
5. Emergency management in case of mass accidents and disasters 1h

Practical classes

1. Advanced Life Support (ALS) 2h
2. Pediatric Advanced Life Support (PALS) 2h
3. Rescue Airways procedures 2h
4. Cardiac and neurological emergencies – diagnosis and evaluation 2h
5. Craniocerebral trauma, thoracic, abdominal and extremity trauma – first approach, further evaluation, emergency procedures. 2h

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

1. „Emergency Medicine” – L. Pousada, H.H. Osborn, D.B. Levy. Williams & Wilkins, Baltimore, 1996
2. „Emergency Medicine” Judith E. Tintinalli, Gabor D. Kelen, J. Stephan Stapczynski; American College of Emergency Physician; Mc Graw – Hill, New York, 2012, 8th Edition
3. „ABC of Resuscitation” M.C. Colquhoun, A.J. Handley, T.R. Evans; BMJ Books 2004, 5th Edition

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

1. „ABC of Major Trauma” Peter Driscoll, David Skinner, R. Earlam; BMJ Books 2000, 3rd Edition

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

Audiovisual set, simulation manikin SimMan, manikins for adult and children resuscitation and rescue procedures, manikin for intubation and airway procedures, manikin for deep vein cannulation, trauma manikin, pulseoxymeter, manual and AED defibrillators, backboards, cervical collars, immobilisation equipment, equipment for dressing wounds, airway equipment: laryngoscopes, endotracheal tubes, LMA, LT, nasopharyngeal and oropharyngeal tubes, oxygen masks and cannulas, BVM, suction device.

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

Student reminds the rules of the resuscitation learned at the first year of study.

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)

Presence in all classes - absence resulting from an emergency situation must be corrected in the form of an essay or presentation on the subject indicated by the person responsible for the subject. Obtaining a positive grade from the test - the test consists of 25 single-choice questions and each question is rated 1 point. The test is passed if the student receives the number of points ≥ 18 .



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Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	
	Criteria (only for courses/modules ending with e credit)
Credit	Does not apply to the Faculty of Medicine

Grade:	Criteria (examination evaluation criteria)
Very Good (5.0)	
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	
Unit realizing the subject	Department of Paediatric Traumatology and Emergency Medicine
Unit address	Bujwida str. 44a, 50-345 Wrocław
Telephone	ph. 71 328 60 45 fax. 71 328 60 16
E-Mail	emerg.kids@umed.wroc.pl



Person responsible for module	prof. dr hab. Jan Godziński
Coordinator	prof. dr hab. Jan Godziński
Telephone	ph. 71 328 60 45
E-Mail	jan.godzinski@umed.wroc.pl

List of persons conducting specific classes				
Full name	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Jan Godziński	prof. dr hab.	chirurgia dziecięca	chirurgia onkologiczna	L, SE
Joanna Jakubaszko-jabłońska	dr n. med.	okulistyka	lekarz	L, SE, MC
Kinga Niewińska	dr n. med.	anestezjologia i intensywna terapia	lekarz	L, SE, MC
Janusz Sokołowski	dr n. med.	medycyna ratunkowa	lekarz	L, SE, MC
Marzena Kozakiewicz	dr n. med.	chirurgia dziecięca	lekarz	L, SE, MC
Anna Wojtyłko	dr n. med.	chirurgia dziecięca	lekarz	L, SE

Date of Syllabus development

28.09.2020 r.

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Syllabus developed by

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Signature of Head of teaching unit

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Signature of Faculty Dean



UNIwersYTET MEDYCZNY
IM. PIASTÓW ŚLĄSKICH WE WROCLAWIU

Appendix
to Resolution No. 2186
of Senate of Wrocław Medical University
of 1 July 2020

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