



Syllabus for academic year: .....														
Training cycle: .....														
<b>Description of the course</b>														
Module/Course	Medical first aid										Group of detailed education results			
											Group code	Group name		
Faculty	Dentistry													
Major	Dentistry													
Unit realizing the subject	Chair and Department of Anaesthesiology and Intensive Therapy													
Specialties	Not applicable													
Level of studies	Uniform magister studies <input type="checkbox"/> * 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    xpart-time													
Year of studies											Semester	x Winter <input type="checkbox"/> Summer		
Type of course	x obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / elective													
Course	<input type="checkbox"/> major x basic													
Language of instruction	<input type="checkbox"/> Polish    xEnglish <input type="checkbox"/> other													
* mark <input type="checkbox"/> with an X														
<b>Number of hours</b>														
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 – magister 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 30</b>														
Direct (contact) education							12							
Online learning (synchronous)	5													
Distance learning (asynchronous)							13							



Summer Semester													
Direct (contact) education													
Online learning (synchronous)													
Online learning (asynchronous)													
TOTAL per year:30													
Direct (contact) education									12				
Online learning (synchronous)	5								13				
Online learning (asynchronous)													
<b>Educational objectives (max. 6 items)</b> C1. Objectives of teaching the subject: C2. Deepening knowledge about first aid. C3. Preparing the student to perform the cardiopulmonary resuscitation independently C4. Preparing the student for first aid in a life-threatening condition. C5. Preparing the student to perform basic nursing procedures.													
<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 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.	knows the rules proceeding to victims of polytrauma	Oral response/test	SE/CSC									
W 02	E.W5	knows the rules of the organization in disasters and breakdowns, the phases of the rescue operation and the scope of assistance need	Oral response/test	SE/CSC									
W 03	E. W17	knows the causes and mechanisms of cardiac arrest and respiratory and principles of resuscitation and management after resuscitation;	Oral response/test	SE/CSC									
W 04	E.W18	knows the life-threatening	Oral response/test	SE/CSC									
W 05	E. W20	knows when to refer the patient to the hospital	Oral response/test	SE/CSC									
U 01	E. U8	recognizes the risk of life-threatening conditions	Oral response/test	CSC									
U 02	E. U9	describes and recognizes the symptoms of shock and acute heart failure	Oral response/test	CSC									



U 03	E. U20	performs basic procedures and medical procedures: temperature measurement, heart rate measurement, non-invasive blood measurement	Oral response/test	CSC
<p>** 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 .</p>				
<p>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: 5 Skills: 4 Social competences: 4</p>				
<b>Student's amount of work (balance of ECTS points)</b>				
<b>Student's workload</b> (class participation, activity, preparation, etc.)			<b>Student Workload (h)</b>	
1. Contact hours:			12	
2. Online learning hours (e-learning):			18	
3. Student's own work (self-study):				
Total student's workload			30	
<b>ECTS points for module/course</b>			4	
Comments			-	
<b>Content of classes</b> (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)				
<b>Lectures: not applicable</b>				
<b>Seminars</b>				
<ol style="list-style-type: none"> <li>1. Life threatening conditions.</li> <li>2. Cardiac arrest. Current European Guidelines-adults and pediatric.</li> <li>3. Shock –definition, recognition, treatment.</li> <li>4. Bleeding- diagnosis, management.</li> <li>5. The risk dental practice.</li> </ol>				
<b>Practical classes</b>				
<ol style="list-style-type: none"> <li>1. Acute life threatening conditions-definition. Organizing and providing first aid.</li> <li>2. Sudden cardiac arrest: Adult basic life support and automated external defibrillation.</li> <li>3. Unconscious patient. Causes of unconsciousness, diagnosis and management.</li> <li>4. Basic and advanced airway management.</li> <li>5. Adult BLS sequence-phantoms activities.</li> <li>6. Adult BLS sequence-phantoms activities.</li> <li>7. The use of automatic defibrillators (AED) and hospital defibrillators –exercises on phantoms.</li> <li>8. Sudden cardiac arrest: Pediatric life support.</li> <li>9. Pediatric BLS sequence-phantoms activities.</li> <li>10. Pediatric BLS sequence-phantoms activities.</li> <li>11. Foreign body airway obstruction (choking).</li> <li>12. Management in case of external and internal bleeding, in superficial injuries, putting on dressings.</li> <li>13. Shock –definition, recognition, treatment.</li> </ol>				



14. Soft tissues injuries –prehospital first aid.
15. Injuries –head, thorax, abdominal cavity.
16. Bone fractures and joint damage - diagnosis, procedure, principles of immobilization of long bone fractures.
17. The position of the patient in various pathological conditions.
18. Thermal and chemical injuries.
19. Drowning, electric shock, hanging.
20. Poisonings - diagnosis, first aid, examples of antidotes.
21. Monitoring of vital functions -basic and advanced. The care for patient- basic rules (toilet, feeding).
22. Injections - types of needles, preparation, precautions, types of injections (intradermal, subcutaneous, intramuscular, intravenous).
23. Intravenous infusions - solutions for infusions, preparation of drip infusion, intravenous catheters (cannulas), putting on the periferal cathether, care of the puncture site. The rules of catheterisation of the urinary bladder. The principles of extracting secretions from the respiratory tract in a patient with artificial respiratory tract.
24. OIT visit.
25. Final test.

**Other not applicable**

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

1. Oxford Handbook of Accident and Emergency Medicine, II Edition 2005, Oxford
2. Handbook of First Aid and Emergency Care, Revised Edition. AMA , Leikin JB, Feldman BJ. Random House, USA, 2000.

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

- 1.ERC 2015 Guidelines for Adult Basic Life support and Paediatric Basic Life support.

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

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

**Basic knowledge of anatomy and physiology**

**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 med by the student to pass it and criteria for specific grades)

**The condition of passing the subject is obtaining credits for all didactic classes . In the case of an excused absence - the student is obligated to make up the classes after prior agreement with the teaching adjunct. Each absence must be made up, including rector days and dean's hours - the way and form of doing the classes after prior arrangement with a teaching adjunct.**

**Admission to credit - passing practical skills.**

**Completion of classes - written test.**

<b>Grade:</b>	<b>Criteria</b> (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)	
	<b>Criteria</b> (only for courses/modules ending with e credit)
Credit	
Unit realizing the subject	Chair and I Clinic of Anaesthesiology and Intensive Therapy
Unit address	Borowska 213 Street
Telephone	71 733 23 10
E-Mail	kai@umed.wroc.pl

Person responsible for module	Waldemar Goździk MD, Ph.D
Coordinator	
Telephone	71 733 23 10
E-Mail	waldemar.gozdzik@umed.wroc.pl

<b>List of persons conducting specific classes</b>				
<b>Full name</b>	<b>Degree/scientific or professional title</b>	<b>Discipline</b>	<b>Performed profession</b>	<b>Form of classes</b>
Magdalena Kośmider - Żurawska	MD	Medicine	MD	CSC, SE
Marek Wełna	Ph.D	Medicine	MD	CSC, SE
Tomasz Skalec	Ph.D. candidate	Medicine	MD	CSC, SE

**Date of Syllabus development**

30.09.2020

**Syllabus developed by**

Barbara Barteczko-Grajek MD, Ph.D.

**Signature of Head of teaching unit**

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Signature of Faculty Dean



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