

### Syllabus of the training module at the university level

Name of the Faculty	Faculty of Medicine, Jagiellonian University Medical College
Name of the unit responsible for module	Department of Anaesthesiology and Intensive Care JUMC Department of Medical Education UJCM
Name of module	Emergency Medicine I
Module Code	
Language of training	English
Training effects for the module	<p><u>The aim of the module is:</u></p> <ol style="list-style-type: none"> <li>1. Familiar with the principles of cardiopulmonary resuscitation in adults and children, including: <ul style="list-style-type: none"> <li>- Assessment of the victim unconscious</li> <li>- Medical challenges</li> <li>- Placing the victim in the recovery position</li> <li>- Chest compressions</li> <li>- Perform rescue breathing technique of mouth-to-mouth, mouth-to-nose, using a pocket mask and self-expansive bag</li> <li>- use of the Automated External Defibrillator</li> </ul> </li> <li>2. Familiar with the principles of first aid in life-threatening conditions</li> <li>3. History taking (SAMPLE) and patient assessment (ABCDE)</li> </ol> <p>After completing the course the student:</p> <p><u>In terms of knowledge:</u></p> <ul style="list-style-type: none"> <li>- Discusses the current guidelines for cardiopulmonary resuscitation infants, children and adults</li> <li>- Discusses the principles of first aid in life-threatening conditions not related to trauma</li> <li>- Understand the ethical principles and rules regarding the conduct of cardiopulmonary resuscitation and first aid</li> <li>- Discusses the principles of history taking (SAMPLE) and patient assessment (ABCDE)</li> </ul> <p><u>in terms of skills is able to:</u></p> <ul style="list-style-type: none"> <li>- perform CPR with Automated External Defibrillator</li> <li>- give first aid to life-threatening conditions</li> <li>- pre-assess the condition of the victim according to the ABCDE scheme and collect basic interview</li> </ul> <p><u>in terms of social competence</u></p> <ul style="list-style-type: none"> <li>- Has the ability and the habit of self-training</li> <li>- Responsibly preparing to take care activities</li> <li>- Work in the group taking responsibility for the timely and accurate execution of the tasks assigned</li> <li>- Comply with the ethical standards of professional activities</li> <li>- is able to teach others</li> </ul>
Type of training module (mandatory/facultative)	Mandatory
Year of studies	M-1
Semester	1
Name of the person/persons leading the module	Dr Grzegorz Cebula
Name of the person/persons examining or granting a credit if it is not a person conducting this module	Dr Grzegorz Cebula
Method of realization	Activities with participation of teacher
Prerequisites and additional needs	None
Type and number of training courses hours that require direct participation of the academic teacher and students when the module is provided for such activities	Exercises, 20 h
Number of ECTS credits allocated to the module	4

Balance of ECTS	Participation in practical exercises - 16 h Preparation to the practical exercises - 20 h Participation in lectures – 2h Preparation to the lectures - 4 h Preparation to an objective structured clinical examination - 6 h Objective structured clinical examination - 2 h Total 50 hours of students' work
Teaching methods applied	Discussion, brainstorming, presentation, simulation, practical training, work with a book
Methods for testing and evaluation criteria of learning outcomes achieved by students ( <i>Oral exam / test exam / graded credit</i> )	To pass OSCE test students are required to get at least 52% scores in the test and to complete at least 4 out of 5 stations (including obligatory Resuscitation Station)
The form and the conditions for completion of the module, including the rules of admission to the exam, pass, and the form and conditions for completion of the various activities within the scope of the module	Module passing is a subject to the following conditions: 1 Attendance at classes (permissible max 1 excused absence) 2 Active participation in all classes
Training module content	Lectures 1. Course introduction. – 1hrs 2. Ethics problems in cardiopulmonary resuscitation-are new guidelines of European Heart Association the hope of XXI century? 1h Practical classes 1. Adult BLS (1 rescuer), giving breaths, using bag-mask – 2 hrs 2. Adult BLS (2 rescuer), defibrillation – 2hrs 3. Infant BLS, Child BLS. – 2 hrs 4. Infant, Child: rescue breathing, choking, unresponsive infant choking. – 1hrs 5. History taking (SAMPLE) – 2hrs 6. Patient assessment (ABCDE). – 2 hrs 7. first aid- clinical scenarios – 5 hrs 8. OSCE – 2hrs
Basic and supplementary bibliography to complete the module	see below
Amount of hours, principles and form of awarded for practice where the training program provides practice	n/a

Basic and supplementary bibliography  
Basic

Title	Authors	Year	Edition	Editor	ISBN
<b>AHA BLS provider manual 2015</b>		2015	2015	American Heart Association	978-1-61669-407-4
<b>2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care</b>  <b>Part 5: Adult Basic Life Support and Cardiopulmonary Resuscitation Quality: 2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care</b>  <b>Part 11: Pediatric Basic Life Support and Cardiopulmonary Resuscitation Quality: 2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care</b>  <b>Part 15: First Aid: 2015 American Heart Association and American Red Cross Guidelines Update for First Aid</b>		2015	2015	American Heart Association	

supplementary

Title	Authors	Year	Edition	Editor	ISBN
Heartsaver® First Aid Student eBook		2015	2015	American Heart Association	