



DESCRIPTION OF THE OBJECT

FIELD OF STUDY	Management
SPECIALISATION	Logistics management
MODE OF STUDY	Full-time studies / Part-time studies
SEMESTER	1

Name of the subject	Pre-medical first aid
Hourly dimension of particular forms of classes <ul style="list-style-type: none">lecturesother forms	Full-time studies - 20 Part-time studies - 12
	Full-time studies - 5 Part-time studies - 2
	Full-time studies - 15 Part-time studies - 10

Learning objectives:	<ul style="list-style-type: none">– to convey the knowledge on algorithms of dealing with an injured person as a result of an emergency event, techniques of maintaining and restoring vital functions and basic principles of dealing with mass events and disasters,– to indicate the scope and context of legal, ethical and social responsibility in connection with first aid– develop the ability to rationally and factually assess the situation, secure the scene of the event and undertake and perform basic rescue operations,– developing skills of recognizing exo- and endogenous threats to human health and life,– acquiring knowledge of the basics of psychology of rescue actions,– develop communication skills by practising proper communication with the victim, witnesses of the event and rescue services.
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Learning outcomes for the subject	
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Number	Learning outcomes, a student who has successfully completed the course will be able to:	Reference of learning outcomes for the programme	The reference to the learning outcomes for the area
EK_W01	possesses knowledge on threats to personal and social (health) safety as well as on legal and organisational system of its maintenance and restoration (PRM); presents the knowledge of anatomy and physiology of systems conditioning human life activities (respiratory, circulatory, nervous), which is essential from the point of view of undertaking rescue activities	K_W01	P6S_WG
EK_W02	knows the pathomechanisms of health and life-threatening emergencies and their risks		

	(prevalence); understands and explains human behaviour in a stress situation caused by a threat to health and life	K_W13	P6S_WG
EK_U03	is able to manage a crisis situation at the site of the event (accident, disaster) until the arrival of rescue services; assesses the possibility of using the resources and support of entities (persons, institutions) at the site of the event and makes decisions in this regard	K_U14	P6S_UO
EK_U04	recognizes disorders of basic life functions, determines their causes and performs adequate rescue actions, following the current standards of practice; is able to use personal equipment - basic first aid equipment and AED; while providing assistance, uses known communication tactics (rules of contact)	K_U14	P6S_UO
EK_K05	w razie potrzeby aktywnie podejmuje działania ratownicze, przestrzegając standardów profesjonalizmu i etyki	K_K04 K_K09	P6S_KO P6S_KR

Content number	Educational/ curricular content	Reference to learning outcomes for the subject
	Lectures	
T_01	selected issues (e.g. legal, organisational, ethical) of health safety and first aid	EK_W01 EK_K05
T_02	ethics of rescue and emergency operations	EK_W01 EK_K05
T_03	organisation of the national medical rescue system (National Medical Rescue Service)	EK_W01
T_04	psychology of rescue operations	EK_W02 EK_U03
T_05	epidemiology and risk of sudden threats to health and life	EK_W02
T_06	rescue in mass events and catastrophes	EK_W01 EK_U03 EK_K05
T_07	basics of pathophysiology of human life disorders	EK_W02 EK_U04

	Exercises	
T_08	emergencies of internal origin; Childhood health and life emergencies - symptoms and management	EK_W02 EK_U04 EK_K05
T_09	emergency response to environmental emergencies; emergency response to trauma	EK_W02 EK_U03 EK_U04 EK_K05
T_10	First aid - practical rules of action at the scene of an incident; assessment of the situation and the extent of action needed and possible to be taken	EK_U04 EK_K05
T_11	loss of consciousness - secure positioning; cardiopulmonary resuscitation - ABC algorithm, AED defibrillation	EK_U03 EK_U04

		EK_K05
T_12	basic personal equipment to facilitate rescue operations, contents of a first-aid kit	EK_U03 EK_U04

Methods and forms of teaching	Educational and curricular content
Lecture with multimedia presentation of selected issues	
Conversation lecture	T_02
Problem-based lecture	
Informative lecture	T_01, T_03 – 07
Discussion	T_09
Working with text	
Case study method	
Problem-based learning	
Didactic/simulation game	
Exercise method	T_08
Workshop method	
Project method	
Multimedia presentation	
Audio and/or video demonstrations	
Activation methods (e.g. brainstorming, SWOT analysis technique, decision tree technique, „snowball” method, constructing „mind maps”)	
Inne (jakie?) – realizacja zadań praktycznych	T_10 – 12
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Evaluation criteria in relation to particular learning outcomes				
Learning outcome	For assessment 2	For assessment 3	For assessment 4	For assessment 5
EK_W01	The student is unable to determine the essence and structure of the national health security system (National Medical Rescue Service) and to demonstrate knowledge of the anatomy and physiology of the human respiratory, circulatory and nervous systems	Students will be able to determine the basic elements of the structure of the national health security system (National Medical Rescue Service) and characterise the anatomical and functional functions of the human respiratory, circulatory and nervous systems	Students will be able to determine the essence, structure and tasks of the national health security system (National Medical Rescue Service) and accurately characterize anatomical and functional functions of the human respiratory, circulatory and nervous systems	Students will be able to determine the essence, structure and tasks of the national health security system (National Medical Rescue Service) and fully characterize anatomical and functional functions of the human respiratory, circulatory and nervous systems
EK_W02	Student cannot describe basic mechanisms of emergencies and does not know their population prevalence (risk level) and also does not know psychological mechanisms of human behaviour in a situation of stress caused by a threat to health and life.	Students will be able to describe basic mechanisms of emergencies and know their population prevalence (risk level) as well as explain psychological mechanisms of human behaviour in stressful situations caused by threats to health and life.	Students will be able to describe mechanisms of emergencies and know their population prevalence in particular risk groups as well as explain in detail the psychological mechanisms of human behaviour in situations of stress caused by threats to health and life.	Students will be able to describe organ and systemic pathomechanisms of emergencies and know their population prevalence in particular risk groups as well as to explain in detail the psychological mechanisms of human behaviour in a stressful situation caused by a threat to health and life.

EK_U03	The student is not able to simulatively manage an emergency situation at the scene of the incident - until the arrival of emergency services, using available resources	The student is able to simulation manage a crisis situation at the scene of the event - until the arrival of emergency services, using available material resources	The student is able to simulation manage a crisis situation at the scene of the event - until the arrival of emergency services, using available human and material resources.	The student is able to simulatively manage a crisis situation on site - until the arrival of rescue services, using available information, human and material resources.
EK_U04	The student is not able to undertake emergency actions appropriate to the diagnosis and current standards, including the use of AED	The student is able to adequately recognise a basic threat to health and undertake, with reference to current standards, initial rescue measures.	The student is able to adequately recognise a threat to health and life and undertake, with reference to the binding standards, rescue measures, including the use of AED	The student is able to appropriately recognise a threat to health and life and to undertake, with reference to the binding standards, effective rescue measures, including the use of AED
EK_K05	The student is not self-reliant in initiating and taking emergency action in line with first aid standards and ethics	The student initiates the rescue action independently, according to the standards of first aid	The student initiates and undertakes rescue measures independently, according to the standards of first aid	The student initiates and undertakes rescue action independently, in accordance with standards and ethics of first aid

Verification of learning outcomes	EK symbols for the module/subject				
	W01	W02	U03	U04	K05
Written examination					
Oral examination					
Written credit					
Oral credit	X	X	X	X	X
Written colloquium					
Oral colloquium					
Test					
Project					
Written work					
Report					
Multimedia presentation					
Work during exercise	X	X	X	X	X
Other (which?) -					

Hourly teaching load and student workload	Full-time studies	Part-time studies
1. Lectures (joint participation of academics and students)	-	-
2. Other forms (joint participation of academic staff and students)	20	12
3. Consultation with the teacher	-	-
Total 1+2+3	20	12
4. Internships (carried out by students on their own)	—	—
5. Student's own work (including homework and project work, preparation for a credit/exam)	5	8
Total 4+5	5	13
SUMMARY 1+2+3+4+5	25	25

Total ECTS credits according to the study plan	1
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Reference literature	<ol style="list-style-type: none"> 1. European Resuscitation Council. Wytyczne resuscytacji krążeniowo-oddechowej. Edegem, Belgium, październik 2010 2. Zawadzki A. (red.) Medycyna ratunkowa i katastrof. Podręcznik dla studentów. PZWL Warszawa 2011 3. Andres J. Pierwsza pomoc i resuscytacja krążeniowo-oddechowa – podręcznik dla studentów. Wyd. CM UJ. Kraków 2006 4. Ciećkiewicz J. i wsp. Ratownictwo medyczne w wypadkach masowych. Górnicki Wyd. Med. Wrocław 2005 5. Hetherington A. Wsparcie psychologiczne w służbach ratowniczych. GWP. Sopot 2004
Complementary literature	<ol style="list-style-type: none"> 1. M. Goniewicz. Pierwsza pomoc. Podręcznik dla studentów. PZWL Warszawa 2011. 2. T. Schimelpfenig. Pierwsza pomoc w warunkach ekstremalnych. Wyd. Bellona. Warszawa 2012. 3. M. Grześkowiak. Postępowanie w stanach zagrożenia życia. Wyd. Physio. Warszawa 2012. 4. B. Gołąb. Podstawy anatomii człowieka. Podręcznik dla studentów. PZWL. Warszawa 2005 (wyd. II 2008).