



## Pomorski Uniwersytet Medyczny w Szczecinie

### SYLLABUS of the MODULE (SUBJECT) General information

<b>Module title:</b>	<b>Disaster Medicine</b>
Module type	Obligatory
Faculty PMU	Faculty of Medicine
Major	Medicine
Level of study	long-cycle
Mode of study	full-time
Year of study / semester	year 1, semester 2
ECTS credits	1.5
Type/s of training (number of hours)	lecture – 4 hours e-learning lecture – 1 hour seminar – 5 hours practical classe at Simulation Center – 10 hours
Form of assessment *	<input checked="" type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input checked="" type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	Prof. dr hab. Elżbieta Grochans
Tutor responsible for the module	Dr n. zdr. Grzegorz Wójcik grzegorz.wojcik@pum.edu.pl
Department's/ Clinic's/ Unit's website name and contact details	Katedra i Zakład Pielęgniarstwa WNoZ PUM w Szczecinie ul. Żołnierska 48, piętro 3, pokój 312 tel. 91-4800-910
Department's/ Clinic's/ Unit's website	<a href="http://www.pum.edu.pl/wydzialy/wydzial-nauk-o-zdrowiu/zaklad-pielęgniarstwa">http://www.pum.edu.pl/wydzialy/wydzial-nauk-o-zdrowiu/zaklad - pielęgniarstwa</a>
Language	Polish, English

\*replace  with X where applicable

## Detailed information

<b>Module objectives</b>		-) Knowledge of organization scheme for rescue action and medical assistance for mass accidents/disaster. -) Knowledge of relevant procedures in selected disasters. -) Skill of medical examination of victims and procedures of on-site operation for mass accident/disaster.
Prerequisite /essential requirements	Knowledge	First Aid
	Skills	First Aid
	Competences	Habit of self-education

Description of the learning outcomes for the subject/module			
No. of learning outcome	Student who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	guidelines for cardiopulmonary resuscitation in newborns, children and adults	F.W7	K
W02	principles of operation of the integrated system of the State Medical Rescue Service;	F.W8	K
U01	assessing the general condition, state of consciousness and awareness of the patient	E.U7	S
U02	recognizing the immediate life-threatening state;	E.U14	K, S
U03	performing basic medical procedures and treatments, which includes: 4	E.U29	S
U04	performing temporary immobilization of the limb, selecting the type of immobilization necessary for use in typical clinical situations and controlling blood supply to the limb after applying the immobilizing dressing;	F.U8	S
U05	treating external bleeding	F.U9	S
U06	performing basic life support with the use of an automatic external defibrillator, other emergency procedures and providing first aid;	F.U10	S
U07	following the algorithm of advanced life support,	F.U11	S
K01	is prepared to accept responsibility for decisions taken as professional activity, including the individual safety and security of others	K.11	S

Table presenting LEARNING OUTCOMES in relation to the form of classes								
No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Lab classes	Practical classes	Simulations	e-learning	Other types
W01	F.W7		X					

W02	F.W8	X					X	
U01	E.U7					X		
U02	E.U14					X		
U03	E.U29					X		
U04	F.U8					X		
U05	F.U9					X		
U06	F.U10					X		
U07	F.U11					X		
K01	K.11					X		

<b>Table presenting TEACHING PROGRAMME</b>			
<b>No. of a teaching programme</b>	<b>Teaching programme</b>	<b>No. of hours</b>	<b>Reference to learning outcomes</b>
<b>Summer semester</b>			
	<b>Lectures:</b>	<b>4</b>	
TK01	Introduction to disaster medicine Single, multiplay and mass accident The evacuation of the population and hospital evacuation	2	F.W8
TK02	Stages and organization scheme of a rescue operations The basic principles of crisis management and the restrictions of human rights. Co-operation among rescue services The psychological aspects of the rescue action The search and rescue actions	2	F.W7, F.W8,
	<b>E – learnig</b>	<b>1</b>	
TK03	Actions post nuclear disasters and “dirty bombs”	1	F.W7; F.W8
	<b>Seminars:</b>	<b>5</b>	
TK04	EMS and HEMS in Poland Actions in road accidents/disasters Actions in building accidents/disasters.	2	F.W7, F.W8,
TK05	Actions in chemical accidents/disasters. Actions post biological attack. Masss decontamination	2	F.W7, F.W8,
TK06	Medical segregation (Triage). System START	1	F.W7, F.W8,
	<b>Simulations:</b>	<b>10</b>	
TK06	Assessment of basic life functions DABC procedures The management in the injuries of the human musculoskeletal system	2	E.U7; E.U14; E.U29;F.U8;F.U9; F.U11; K.11
TK07	Medical examination of victims and Clinical condition The management in the direct and external life-threatening situations	2	E.U7;E.U14;K.11
TK08	Rescue positions	2	E.U7; E.U14; K.11

	Medical evacuation and medical transport		
TK09	Medical segregation – system START	2	E.U7; E.U14; F.U9; K.11
TK10	BLS + AED adult and child Introduction to ALS	2	E.U7; E.U29; F.U10; F.U11; K.11
<b>Booklist:</b>			
Obligatory literature			
1.Koenig and Schultz's Disaster Medicine: Comprehensive Principles and Practices 2nd Edition, 2016			
2. European Resuscitation Council Guidelines 2021 Chapter 4,5,6 and 8			
Recommended literature			
1. Emory ego J, Alson Lee R: ITLS for Emergency Care Providers – 9th Edition			
<b>Student's workload</b>			
Form of student's activity (in-class participation; activeness, produce a report, etc.)		Student's workload [h]	
		Tutor	
Contact hours with the tutor		20	
Time spent on preparation to practical classes		10	
Time spent on reading recommended literature		2	
Student's workload in total		34	
<b>ECTS credits for the subject (in total)</b>		<b>1.5</b>	
<b>Remarks</b>			

\* Selected examples of methods of assessment:

K – colloquium

S – practical skills assessment