



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT)

General Information

| Code | | Title | Disaster Medicine |
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| Module type | | | <i>Obligatory</i> |
| Faculty | | | <i>Faculty of Medicine</i> |
| Field of study | | | <i>Medicine (KL)</i> |
| Major | | | <i>Not applicable</i> |
| Level of study | | | <i>II level/long-cycle (S2J)</i> |
| Mode of study | | | <i>intramural</i> |
| Year of study | | | <i>I</i> |
| Semester | | | <i>summer</i> |
| ECTS points | | | <i>1</i> |
| Types of training | | | <i>Seminars + practical classes (10h + 10h = 20h)</i> |
| Tutor responsible for the module | | | <i>Dr. n. zdr. Grzegorz Wójcik/</i> |
| Tutors conducting the subject | | | <i>Dr. n. zdr. Grzegorz Wójcik/</i> |
| WWW | | | https://www.pum.edu.pl/wydzialy/wydzial-nauk-o-zdrowiu/samodzielna-pracownia-medycyny-katastrof |
| Language | | | English |

Detailed information

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| Module objectives | | -) 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 | | | |
|--|---|---|---|
| Number of learning outcome | Student, who has passed the (subject) Knows /is able to /can: | SYMBOL (referring the standards) EKK | Method of verification of learning outcomes |
| KL2JPW01 | Presents organization scheme and functioning of Polish State Emergency Medical Service | K_G.W4 | Test |
| KL2JPW02 | Describes the stages of rescue action, as well as secondary effects of disaster and rescue action organization scheme | K_G.W4 | Test |
| KL2JPW03 | Enumerates specific features of procedures to be applied in different kinds of accidents | | Test |
| KL2JPW04 | Knows the rescue competence ranges | K_G.W4 | Test |
| KL2JPW05 | Describes separate procedures for road, building, chemical, biological and nuclear disasters | K_C.W14 | Test |
| KL2JPW06 | Explains idea of terrorism and weapons of mass destruction | K_C.W14 | Test |
| KL2JPU01 | Conducts rescue medical examination of victims under the circumstances of disaster | K_E.U3 | S |
| KL2JPU02 | Evaluates general condition and consciousness of victims under the circumstances of disaster | K_E.U7 | S |
| KL2JPU03 | Puts causality in a rescue position depending on bodily injury and immediate danger to life | K_E.U14 | S |
| KL2JPU04 | Conducts medical segregation (triage) | K_E.U21 | S |
| KL2JPU05 | Evacuate victims to point of medical aid | K_E.U21 | S |
| KL2JPK01 | Co-operates with other team members; plays different parts in team | K_K04 | Supervision |
| KL2JPK02 | Provides safety for themselves, fellow team members and victims | K_K15 | Supervision |

| Matrix presenting the learning outcomes of the subject/module in relation to the form of classes | | | | | | | | |
|--|--|-------------------|---------|---------------------|--------------|------------------|---------|-------------------|
| Number of learning outcome | Student, who has passed the (subject) Knows /is able to /can: | Types of training | | | | | | |
| | | Lecture | Seminar | Laboratory classes. | Project work | Clinical classes | Classes | Practical classes |
| KL2JPW01 | Presents organization scheme and functioning of Polish State Emergency Medical Service | | X | | | | | |
| KL2JPW02 | Describes the stages of rescue action, as well as secondary effects of disaster, and rescue action organization scheme | | X | | | | | |
| KL2JPW03 | Enumerates specific features of procedures to be applied in different kinds of accidents | | X | | | | | |
| KL2JPW04 | Knows the rescue competence ranges | | X | | | | | |
| KL2JPW05 | Describes separate procedures for road, building, chemical, biological and nuclear disasters | | X | | | | | |
| KL2JPW06 | Explains idea of terrorism and weapons of mass destruction | | X | | | | | |
| KL2JPW01 | Conducts rescue medical examination of victims under the circumstances of disaster | | | | | | X | |
| KL2JPU02 | Evaluates general condition and consciousness of victims under the circumstances of disaster | | | | | | X | |
| KL2JPU03 | Puts causality in a rescue position depending on bodily injury and immediate danger to life | | | | | | X | |
| KL2JPU04 | Conducts medical segregation (triage) | | | | | | X | |
| KL2JPU05 | Evacuate victims to point of medical aid | | | | | | X | |
| KL2JPK01 | Co-operates with other team members; plays different parts in team | | | | | | X | |
| KL2JPK02 | Provides safety for themselves, fellow team members and victims | | | | | | X | |

| Module (subject) contents | | | |
|--|--|---------------------------------|---------|
| Symbol of teaching programme | Content of teaching programme | References to learning outcomes | |
| TK.01 | Introduction to disaster medicine; stages and organization scheme of a rescue action | KL2JPW02, KL2JPW03 | |
| TK.02 | Organization and functioning of Polish State Emergency Medical Service | KL2JPW01 | |
| TK.03 | Co-operation among rescue services; ranges of rescue competences | KL2JPW03, KL2JPW04 | |
| TK.04 | Organization of medical assistance during catastrophes | KL2JPW02 | |
| TK.05 | Mass decontamination | KL2JPW06 | |
| TK.06 | Actions in road accidents/disasters | KL2JPW05 | |
| TK.07 | Actions in building accidents/disasters | KL2JPW05 | |
| TK.08 | Actions in chemical accidents/disasters | KL2JPW05 | |
| TK.09 | Actions post nuclear disasters | KL2JPW05 | |
| TK.10 | Actions post biological attack | KL2JPW05 | |
| TK.11 | Medical examination of victims | KL2JPW01 | |
| TK.12 | Clinical condition & consciousness evaluation | KL2JPW02 | |
| TK.13 | Putting victims into suitable rescue position | KL2JPW03 | |
| TK.14 | Medical segregation (Triage) | KL2JPW04, KL2JPK01 | |
| TK.15 | Medical evacuation | KL2JPW05, KL2JPK01 | |
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| References and educational resources | | | |
| Ciottone G. Disaster Medicine, 1st ed. 2006 Mosby, An Imprint of Elsevier | | | |
| Hogan D, Burstein L. Disaster Medicine 2002 | | | |
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| Student's workload (balance sheet of ECTS points) | | | |
| Form of student's activity (in-class participation; activeness, produce a report, etc.) | Workload [h] | | |
| | Tutor | Student | Average |
| activities that require direct participation of tutors | 20 | | |
| Preparation to the classes | 5 | | |
| Reading of the indicated/specified literature | 5 | | |
| Report writing/project making | | | |
| Time spent to prepare for the exam | | | |
| Other | | | |
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| Student's workload in total | 30 | | |
| ECTS points for the subject | 1 | | |
| Remarks at the end | | | |

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