



## DESCRIPTION OF THE OBJECT

|                       |                                       |
|-----------------------|---------------------------------------|
| <b>FIELD OF STUDY</b> | <b>Management</b>                     |
| <b>SPECIALISATION</b> | Trade and services                    |
| <b>MODE OF STUDY</b>  | Full-time studies / Part-time studies |
| <b>SEMESTER</b>       | 1                                     |

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

|                             |   |
|-----------------------------|---|
| <b>Learning objectives:</b> | <ul style="list-style-type: none"><li>– 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,</li><li>– to indicate the scope and context of legal, ethical and social responsibility in connection with first aid</li><li>– develop the ability to rationally and factually assess the situation, secure the scene of the event and undertake and perform basic rescue operations,</li><li>– developing skills of recognizing exo- and endogenous threats to human health and life,</li><li>– acquiring knowledge of the basics of psychology of rescue actions,</li><li>– develop communication skills by practising proper communication with the victim, witnesses of the event and rescue services.</li></ul> |
|-----------------------------|---|

| <b>Learning outcomes for the subject</b> |  | <b>Reference of learning outcomes for the programme</b> | <b>The reference to the learning outcomes for the area</b> |
|--|--|---|--|
| <b>Number</b>                            | <b>Learning outcomes, a student who has successfully completed the course will be able to:</b>   |   |  |
| 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<br>K_K09 | P6S_KO<br>P6S_KR |

| <b>Content number</b> | <b>Educational/ curricular content</b>   | <b>Reference to learning outcomes for the subject</b> |
|-----------------------|--|---|
|                       | <b>Lectures</b>  |   |
| T_01                  | selected issues (e.g. legal, organisational, ethical) of health safety and first aid | EK_W01<br>EK_K05                                      |
| T_02                  | ethics of rescue and emergency operations  | EK_W01<br>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<br>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<br>EK_U03<br>EK_K05                            |
| T_07                  | basics of pathophysiology of human life disorders                                    | EK_W02<br>EK_U04                                      |

|      | <b>Exercises</b>  |                                      |
|------|---|--------------------------------------|
| T_08 | emergencies of internal origin;<br>Childhood health and life emergencies - symptoms and management  | EK_W02<br>EK_U04<br>EK_K05           |
| T_09 | emergency response to environmental emergencies; emergency response to trauma   | EK_W02<br>EK_U03<br>EK_U04<br>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<br>EK_K05                     |
| T_11 | loss of consciousness - secure positioning; cardiopulmonary resuscitation - ABC algorithm, AED defibrillation   | EK_U03<br>EK_U04                     |

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|------|---|------------------|
|      |   | EK_K05           |
| T_12 | basic personal equipment to facilitate rescue operations, contents of a first-aid kit | EK_U03<br>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                          |
| ...  |                                    |

| 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   | -                 | -                 |
| <b>Total 1+2+3</b>   | <b>20</b>         | <b>12</b>         |
| 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                 |
| <b>Total 4+5</b>   | <b>5</b>          | <b>13</b>         |
| <b>SUMMARY 1+2+3+4+5</b>   | <b>25</b>         | <b>25</b>         |

|   |          |
|---|----------|
| <b>Total ECTS credits according to the study plan</b> | <b>1</b> |
|---|----------|

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