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|  | UNIVERSITY OF WARMIA AND MAZURY IN OLSZTYN |
|  |  **Course sylabus – part A** |
| **48SJ-EMME** | **Emergency Medicine** |
| **2024L** |  |
| **ECTS: 4.00** |  |

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| **SUBJECT MATTER CONTENT:**1. A patient with a multi-organ trauma. Proceedings in the Hospital Emergency Department. The role of the Trauma Center in the care of the injured with multiple injuries. 2. Non-orthopedic dangers. Improving the ability to examine patients with isolated injuries, X-ray analysis and supplying fractures and dislocations. P-pain treatment.3. Stomach pain. Bleeding to the gastrointestinal tract. Abdominal aortic aneurysm. Peritonitis. Diagnosis and proceedings in SKOR.
.4 Emergency in neurology. Patient with consciousness disorders.
Loss of consciousness - diagnostics in SOR. Stroke Headaches - differential diagnosis (SAH), p-pain treatments in SOR.5. Respiratory disorders. Acute respiratory failure. Indications for respiratorotherapy. Non-invasive ventilation and its application in PPR. Exercising the skills of supplying the lower respiratory tract. 6. Acute poisoning - diagnostic possibilities in SOR, conduct. Cholinolytic, cholinergic**TEACHING OBJECTIVE:**To learn skilful and proper care of patients in emergencies. To learn the teamwork, decision making and how towork in stress and critical situations.**DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:****Symbols for outcomes related to the discipline:****Symbols for outcomes related to the field of study:****LEARNING OUTCOMES (Knowledge, Skills, Social competence):**

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| **K1**  | K.3 Respects medical confidentiality and patient's rights. |
| **K2**  | K2 - K.5 He is aware of his own limitations and the ability to con |
| **K3**  | K.2 Guided by the good of the patient putting them in the first place. |
| **U1**  | F.U21 Evaluates the condition of unconscious patients and determines according to the international scalesin force dotted |
| **U2**  | - F.U7 Evaluates the result of a radiological examination in the most common types of long bone fractures |
| **U3**  | F.U22 Recognizes the symptoms of increasing intracranial pressure |
| **W1**  | F.W1. causes, symptoms, principles of diagnostic and therapeutic procedures for the most commondiseases requiring surgical intervention, both adults and children, in particular: 1) acute and chronic abdominaldiseases, 2) chest diseases, 3) limb and head diseases, 4) bone fractures and organ injuries; |
| **W2**  | F.W7 He knows the current guidelines for cardiopulmonary resuscitation of newborns, children and adults |
| **W3**  | F.W10 He possesses knowledge in the field of currently used imaging research, in particular he knows:radiological symptomatology of basic diseases, instrumental methods and imaging techniques used to performtherapeutic procedures, indications and contraindications, and preparation of patients for particular types ofimaging examinations and contraindications to the use of catastrophic agents |

**TEACHING FORMS AND METHODS:**

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| Classes-['W1', 'U1', 'K1', 'W2', 'U2', 'K2', 'W3', 'U3', 'K3']-practical cliniclal slasses-1. A patient with a multi-organ trauma. Proceedings in the Hospital Emergency Department. The role of the Trauma Center in the care of the injured with multiple injuries. 2. Non-orthopedic dangers. Improving the ability to examine patients with isolated injuries, X-ray analysis and supplying fractures and dislocations. P-pain treatment.3. Stomach pain. Bleeding to the gastrointestinal tract. Abdominal aortic aneurysm. Peritonitis. Diagnosis and proceedings in SKOR.
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**FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:**

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| Classes-(Exam)-['W1', 'U1', 'K1', 'W2', 'U2', 'K2', 'W3', 'U3', 'K3']-3part -test, practical , oral |

**Literature:**

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| 1. ***GUIDELINES 2021***, ERC, ERC, 2021, Strony: , Tom: (literatura podstawowa)  |
| 2. ***Tintinalli's Emergency Medicine, 9th editions***, J. TINTINALLI, MC GROW HILL, 2019, Strony: , Tom: (literatura podstawowa)  |

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| **Legal acts specifying learning outcomes:** **Status of the course:** **Group of courses:****Discipline**: Medicine**Program:** Medicine**Form of studies:**full-time**Level of studies:** uniform master's studies |

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| **Introductory subject:** Pediatrics, Neurosurgery, Internal Medicine,Surgery, Neurology, Radiology, Orthopedicsand Traumatology, Anaesthesiology andintensive care,Emergency medicine withelements of disaster medicine**Prerequisites:** basic information from the enumeratedsubjects |

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| **Coordinators:****Rakesh Jalali, rakesh.jalali@uwm.edu.pl** |

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|  | UNIVERSITY OF WARMIA AND MAZURY IN OLSZTYN |
|  | **Detailed description of ECTS credits awarded - part B** |
| **48SJ-EMME** | **Emergency Medicine** |
| **2024L** |  |
| **ECTS: 4.00** |  |

The number of ECTS credits awarded consists of:

1. Contact hours with the academic teacher:

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| - participation in:  | 60 h |
| - consultation | 5 h |
|  | Total: 65 h |

2. Independent work of a student:

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| przygotowanie do zaliczenia przedmiotu | 15.00 h |
| praca własna - przygotowanie do zajęć | 20.00 h |
|  | Total: 35.00 h |

Total (contact hours + independent work of a student): 100.00 h

1 ECTS credit = 25-30 h of an average student’s work, number of ECTS,

ECTS Points = 100.00 h : 25 h/ECTS = **4.00** ECTS

Average: 4.00 ECTS

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| - including the number of ECTS credits for contact hours with the direct participation of an academic teacher | 2.60 ECTS |
| - including the number of ECTS credits for hours of independent work of a student | 1.40 ECTS |