UNIVERSITY OF WARMIA AND MAZURY IN OLSZTYN
Faculty of Medicine

Course sylabus – part A

USOS Code: 48SJ-EMME
ECTS: 4.00
Cycle: 2026L

Emergency Medicine
Emergency Medicine

SUBJECT MATTER CONTENT:

Classes – 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, sympathomimetic toxicox. 7. Emergency conditions in children. Breathing disorders. Fainting diagnostics. Seizures. Child fever - diagnosis and procedure. 8 Child abuse. Preliminary diagnosis and supply of fractures in SOR 9.ALS - sudden cardiac arrest. Special situations Anaphylactic shock. Hypothermia. Electrolyte disturbances. Flooding. Reversible causes of cardiac arrest. 10. Patient safety.

TEACHING OBJECTIVE:

To learn skilful and proper care of patients in emergencies. To learn the teamwork, decision making and how to work 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 (W1) – F.W1. causes, symptoms, principles of diagnostic and therapeutic procedures for the most common diseases requiring surgical intervention, both adults and children, in particular: 1) acute and chronic abdominal diseases, 2) chest diseases, 3) limb and head diseases, 4) bone fractures and organ injuries;

Legal acts specifying learning outcomes: 311/2023;

Discipline: Medicine

Course status: Obligatory

Group of courses: B - major course

ISCED Code: 0912

Field of studies: Medicine

Field: Medicine

Learning profile: -

Form of studies: full-time

Level of studies: uniform master's studies

Year/Semester: 6th year 12th semester, Medicine in English

Classes types: Classes;

Classes: Classes (60h);

Language: ANG

Introductory subject: Pediatrics , Neurosurgery , Internal Medicine, Surgery, Neurology, Radiology, Orthopedics and Traumatology, Anaesthesiology and intensive care,Emergency medicine with elements of disaster medicine

Prerequisites: basic information from the enumerated subjects

Organized by the unit:

Coordinators responsible for the course:

Rakesh Jalali, rakesh.jalali@uwm.edu.pl

Additional notes:

Knowledge (W2) – W3 - F.W8 He knows the current guidelines for cardiopulmonary resuscitation of newborns, children and adults

Knowledge (W3) – W5 - F.W11 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 perform therapeutic procedures, indications and contraindications, and preparation of patients for particular types of imaging examinations and contraindications to the use of catastrophic agents

Skills (U1) – - F.U21 Evaluates the condition of unconscious patients and determines according to the international scales in force dotted

Skills (U2) – - F.U7 Evaluates the result of a radiological examination in the most common types of long bone fractures

Skills (U3) – - F.U21 Recognizes the symptoms of increasing intracranial pressure

Skills (U4) – F.U11. act in accordance with the algorithm of advanced resuscitation procedures

Social competences (K1) – K.3 Respects medical confidentiality and patient's rights

Social competences (K2) – K.5 He is aware of his own limitations and the ability to constantly improve his skills

Social competences (K3) – K.2 Guided by the good of the patient putting them in the first place

Symbols for outcomes related to the field of study:

Classes – ['W1', 'U1', 'K1', 'W2', 'U2', 'K2', 'W3', 'U3', 'K3', 'U4'] – practical clinical classes

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Classes (Exam) – ['W1', 'U1', 'K1', 'W2', 'U2', 'K2', 'W3', 'U3', 'K3', 'U4'] – 3-part exam (test, practical exam, oral exam)

REQUIRED LITERATURE:

1. **ERC GUIDELINES 2021**

   ERC; ERC; 2021; Pages: ; Tome: ;
2. **Tintinalli's Emergency Medicine 9t Edition**

   Tintinalli J.,; Mc Graw Hill; 2019; Pages: ; Tome: ;

COMPLIMENTARY LITERATURE:

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Detailed description of ECTS credits awarded - part B

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1. Contact hours with the academic teacher:

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

Independent work of a student:

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

contact hours + independent work of a student Total: 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

- including the number of ECTS credits for contact hours with the direct participation of an academic teacher - 2.60 ECTS pts

- including the number of ECTS credits for hours of independent work of a student - 1.40 ECTS pts