

SYLLABUS
concerning the cycle of education 2023-2029
(date range)

1.1. BASIC INFORMATION CONCERNING THIS SUBJECT / MODULE

Subject / Module	Emergency medicine
Course code / module *	MR /F
Faculty of (name of the leading direction)	Medical College of Rzeszów University
Department Name	Medical College of Rzeszów University
Field of study	medical direction
Level of education	uniform master's studies
Profile	practical
Form of study	stationary / extramural
Year and semester	year VI, semester XII
Type of course	obligatory
Coordinator	Dr hab. B Lewandowski
First and Last Name of the Teacher	

* - According to the resolutions of the Faculty of Medicine

1.2. Forms of classes, number of hours and ECTS

Lecture	Exercise	Conversation	Laboratory	Seminar	ZP	Practical	Self-learning	Number of points ECTS
-	60	-	-	-	-	-	40	4

1.3. The form of class activities

☒ classes are in the traditional form

☐ classes are implemented using methods and techniques of distance learning

1.4. Examination Forms / module (exam, credit with grade or credit without grade)

2. REQUIREMENTS

Knowledge in the field of Emergency Medicine from semester 8.

3. OBJECTIVES, OUTCOMES, AND PROGRAM CONTENT USED IN TEACHING METHODS

3.1. Objectives of this course/module

C1	familiarizing students with the principles of planning and organizing medical security in industrial, communication, chemical-ecological disasters, natural disasters and military threats
C2	preparing students to implement adequate rescue procedures in specific life-threatening situations. Shaping the skills of managing the rescue operation in the rescue team
C3	preparing students for conducting medical, rescue and evacuation activities at the place of the disaster and outside the zone of activities and cooperation with other emergency services

3.2 OUTCOMES FOR THE COURSE / MODULE (TO BE COMPLETED BY THE COORDINATOR)

EK (the effect of education)	The content of the learning effect defined for the subject (module)	Reference to directional effects (KEK)
EK_01	knows the current guidelines for cardiopulmonary resuscitation of newborns, children and adults	F.W7.
EK_02	knows the principles of functioning of the integrated system of state emergency medical services	F.W8.
EK_03	involves peripheral insertion	F.U5.
EK_04	can provide external bleeding	F.U9.
EK_05	performs basic resuscitation procedures with the use of an automatic external defibrillator and other rescue operations and provides first aid	F.U10.
EK_06	works according to the current algorithm of advanced resuscitation activities	F.U11.
EK_07	evaluates the condition of unconscious patients in accordance with the applicable international point scales	F.U21.
EK_08	he is guided by the good of the patient, placing them in the first place	K.02.

3.3 CONTENT CURRICULUM (filled by the coordinator)

A. Exercises

Course contents
Conducting a medical interview, physical examination, differential diagnosis
Interpretation of laboratory tests
Evaluation of the patient's condition

Planning of diagnostic, prophylactic and therapeutic procedures, specialist consultations
Performing procedures and medical procedures
Take preventive and curative measures in the event of life threatening
Keeping medical records

3.4 TEACHING METHODS

Exercises: working with the patient, analyzing diagnostic tests

Student's own work: work with a book

4 METHODS AND EVALUATION CRITERIA

4.1 Methods of verification of learning outcomes

Symbol of effect	Methods of assessment of learning outcomes (Eg.: tests, oral exams, written exams, project reports, observations during classes)	Form of classes
EK_01 EK_02	Written or oral exam	
EK_03 EK_04 EK_05 EK_06 EK_07 EK_08	credit with the grade based on the student's observation including: - attendance - implementation of commissioned tasks	Exercises

4.2 Conditions for completing the course (evaluation criteria)

Written or oral exam.

Evaluation criteria

5.0 - has knowledge of the education content at the level of 93% -100%

4.5 - has knowledge of the content of education at the level of 85% -92%

4.0 - has knowledge of the content of education at the level of 77% -84%

3.5 - has knowledge of the content of education at the level of 69% -76%

3.0 - has knowledge of the content of education at the level of 60% -68%

2.0 - has knowledge of the educational content below 60%

Exercises - practical clinical teaching

Daily clinical assessment (evaluation of the procedure for each procedure)

Single direct observation (observation while receiving one patient)

Long-term observation (summary assessment of many skills for a long time)

Evaluation criteria

5.0 - has knowledge of the education content at the level of 93% -100%

4.5 - has knowledge of the content of education at the level of 85% -92%

4.0 - has knowledge of the content of education at the level of 77% -84%

3.5 - has knowledge of the content of education at the level of 69% -76%

3.0 - has knowledge of the content of education at the level of 60% -68%

2.0 - has knowledge of the educational content below 60%

5. Total student workload required to achieve the desired result in hours and ECTS credits

Activity	Hours / student work
Hours of classes according to plan with the teacher	60
Preparation for classes	10
Participation in the consultations	1
The time to write a paper / essay	-
Preparation for tests	30
Participation in colloquia	2
Other (e-learning)	-
SUM OF HOURS	103
TOTAL NUMBER OF ECTS	4

6. TRAINING PRACTICES IN THE SUBJECT / MODUL

Number of hours	-
Rules and forms of apprenticeship	-

6. LITERATURE

READING:

1. Medycyna ratunkowa i katastrof. Wydawnictwo Lekarskie PZWL, Warszawa 2006.
2. Gaszyński W. Intensywna terapia i wybrane zagadnienia medycyny ratunkowej – Repetytorium. Wydawnictwo Lekarskie PZWL, Warszawa 2008.
3. Plantz SH, Wipfler EJ. Medycyna ratunkowa. Wyd. II polskie. Elsevier Urban & Partner, Wrocław 2008.
4. Misiołek H, Knapik P. Pierwsza pomoc medyczna z elementami postępowania specjalistycznego. Śląski Uniwersytet Medyczny, Katowice 2007.

Additional literature:

5. Andres J. Wytyczne resuscytacji, Kraków 2011.
6. Nutbeam T., Daniels R., Procedury zabiegowe, PZWL 2011.
7. J.M. Pines, W.W. Everett, Medycyna ratunkowa. Evidence- Based Medicine. wyd. I polskie, red. J. Jakubaszko. Elsevier Urban&Partner 2012.

Acceptance Unit Manager or authorized person