Appendix number 1.5 to The Rector UR Resolution No. 12/2019

SYLLABUS

**concerning the cycle of education 2024-2030**

(date range)

* 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. n. med. Bogumila Wołoszczuk-Gebicka |
| 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**

* 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)**

1. **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 | - |

1. LITERATURE

|  |
| --- |
| **READING:**   * + 1. 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