

## SYLLABUS

Concerning the cycle of education **2022- 2028**

Academic year 2027/2028

### 1. BASIC INFORMATION CONCERNING THIS SUBJECT

|                                         |                                                                               |
|-----------------------------------------|-------------------------------------------------------------------------------|
| Subject name                            | Student Selected Specialty                                                    |
| Course code *                           | S                                                                             |
| Faculty (name of the leading direction) | Faculty of Medicine, University of Rzeszow                                    |
| Department Name                         | Faculty of Medicine, University of Rzeszow                                    |
| Field of study                          | Medicine                                                                      |
| Level of education                      | Uniform Master's Degree Studies                                               |
| Profile                                 | General Academic                                                              |
| Form of study                           | Stationary / non-stationary                                                   |
| Year and semester                       | Year VI, semester 12                                                          |
| Type of course                          | Obligatory                                                                    |
| Language of instruction                 | English                                                                       |
| Coordinator                             | Academic teachers supervising the student group within the selected specialty |
| Name(s) of the instructor(s)            | (to be assigned)                                                              |

\* - according to the resolutions of the Faculty of Medicine

#### 1.1. Forms of classes, number of hours and ECTS

| Lecture | Exercise | Conversa<br>tion | Laboratory | Seminar | Practical | Others | Number of<br>points<br>ECTS |
|---------|----------|------------------|------------|---------|-----------|--------|-----------------------------|
| -       | 160      | -                | -          | 20      | -         | -      | 12                          |

#### 1.2. The form of class activities

☒ Classes are conducted in a traditional format

Classes are implemented using methods and techniques of distance learning

#### 1.3. Form of course completion; as specified under "Assessment methods and criteria"

## 2. PREREQUISITES

Knowledge of anatomy, histology, pathophysiology, pathology, microbiology, immunology and pharmacology; internal medicine, paediatrics, surgery, obstetrics and gynaecology.

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

### 3.1. Objectives of this course

**C1** Supplementing students' knowledge in the field of clinical subjects.

Consolidating knowledge and skills in taking medical history, performing physical examinations, and conducting diagnosis and treatment in selected clinical disciplines. The specific objectives of the course include teaching students the symptomatology of diseases, the ability to collect

**C2** patient history, perform physical examination, and plan diagnostic and therapeutic processes. An important goal is to teach students the principles of keeping medical records and the organization of work within a hospital ward.

### 3.2. Outcomes for the course

| EK (the effect of education) | The content of learning outcomes defined for the class (module)                     | KEK — reference to programme outcomes |
|------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|
| EK_01                        | Takes a medical history from a patient.                                             | E. U1                                 |
| EK_02                        | Performs a complete and targeted physical examination.                              | E. U3                                 |
| EK_03                        | Performs differential diagnosis of the most common diseases in adults and children. | E. U12                                |
| EK_04                        | Plans diagnostic, therapeutic and preventive management.                            | E. U16                                |
| EK_05                        | Interprets laboratory tests and identifies causes of abnormalities.                 | E. U24                                |
| EK_06                        | Apply nutritional treatment, including enteral and parenteral nutrition.            | E. U25                                |
| EK_07                        | Plans for specialist consultations.                                                 | E. U32                                |

|       |                                                                                     |        |
|-------|-------------------------------------------------------------------------------------|--------|
| EK_o8 | Keeps medical records of the patient.                                               | E. U38 |
| EK_o9 | Is able to establish and maintain a deep, respectful relationship with the patient. | K.o1   |
| EK_10 | Observes medical confidentiality and patients' rights.                              | K.o3   |

### 3.3. CONTENT CURRICULUM

#### COURSE CONTENT

##### A. Exercises

- Organization of work on a hospital ward.
- Symptomatology.
- Subjective (history) and objective (physical) examination.
- Supplementary investigations.
- Differential diagnosis.
- Stages of the diagnostic–therapeutic process.
- Practical training in clinical skills relevant to the chosen specialty.
- Principles of keeping medical records.

##### B. Seminars

- Revision of key theoretical issues in neurology, medical law, public health and pharmacology.
- Solving and analysing questions from previous years' Medical Final Examination (LEK) covering internal medicine sections.

### 3.4. Didactic methods

- **Exercises:** work with patients; analysis of diagnostic tests; discussion of individual cases.
- **Seminars:** lecture with multimedia presentation (including use of Microsoft Office 365).
- **Student's self-study:** work with books and scientific articles.

## 4. METHODS AND EVALUATION CRITERIA

### 4.1. Verification of learning outcomes

Graded credit based on continuous observation during exercises and seminars, including:

- activity during classes,
- completion of assigned tasks,
- completion of the procedures listed for the course in the Clinical Practical Teaching Logbook,
- practical pass.

#### **4.2. Conditions for passing the course (grading rules)**

- Mandatory attendance and active participation in all exercises.
- Completion of procedures assigned to the course in the Clinical Practical Teaching Logbook.
- Practical pass of exercises: the student independently takes a complete medical history and performs a physical examination of a selected patient. The pass requires correct presentation of the basic differential diagnosis, proposing appropriate additional tests and treatment.

#### **Grading scale (theoretical knowledge — tests/assignments):**

- 5.0 (very good): 93%–100%
- 4.5 (good plus): 85%–92%
- 4.0 (good): 77%–84%
- 3.5 (satisfactory plus): 69%–76%
- 3.0 (satisfactory): 60%–68%
- 2.0 (fail): < 60%

#### **Seminars:**

- Mandatory attendance and active participation in all sessions.
- Obtaining a positive mark in the final credit / or preparing a presentation describing an indicated disease entity.

#### **Assessment of skills, social competences, activity and knowledge during exercises:**

- 5.0 — the student participates actively, is well prepared, has acquired theoretical and practical knowledge of internal medicine at a very good level, and has mastered diagnostic and therapeutic skills at a high level for patients treated on an internal medicine ward.
- 4.5 — the student participates actively, has acquired theoretical and practical knowledge of internal medicine at a good level, and has mastered diagnostic and therapeutic skills at a good level for patients treated on an internal medicine ward.
- 4.0 — the student participates actively, is corrected at times, has acquired theoretical and practical knowledge of internal medicine at a good level, and is able to plan diagnostic and therapeutic actions well for patients treated on an internal medicine ward.
- 3.5 — the student participates, but the level of preparation does not allow for a comprehensive presentation of the discussed problem; has acquired theoretical and practical knowledge of internal medicine at a sufficient level and does not always plan diagnostic and therapeutic actions correctly for patients treated on an internal medicine ward.
- 3.0 — the student participates, has acquired theoretical and practical knowledge of internal medicine at a sufficient level, and is frequently corrected.
- 2.0 — the student participates passively; statements are factually incorrect; theoretical and practical knowledge of internal medicine is insufficient; the student cannot plan diagnostic and therapeutic actions for patients treated on an internal medicine ward and often makes mistakes.

**5. TOTAL STUDENT WORKLOAD REQUIRED TO ACHIEVE THE INTENDED LEARNING OUTCOMES IN HOURS AND ECTS CREDITS**

| <b>Form of activity</b>                                                                       | <b>The average number of hours to complete the activity</b> |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Contact hours (with the teacher) resulting from the study schedule of classes                 | 180                                                         |
| Contact hours (with the teacher) participation in the consultations, exams                    | 5                                                           |
| Non-contact hours - student's own work (preparation for classes, exam, writing a paper, etc.) | 115                                                         |
| <b>SUM OF HOURS</b>                                                                           | <b>300</b>                                                  |
| <b>TOTAL NUMBER OF ECTS</b>                                                                   | <b>12</b>                                                   |

*\* It should be taken into account that 1 ECTS point corresponds to 25-30 hours of total student workload.*

**6. TRAINING PRACTICES IN THE SUBJECT;** not applicable

**7. LITERATURE;** to be according to the selected specialty

