

SYLLABUS

concerning the cycle of education 2018-2024 (date range)

1.1. BASIC INFORMATION CONCERNING THIS SUBJECT / MODULE

Subject / Module	Propaedeutics of internal diseases
Course code / module *	PChW/E
Faculty of (name of the leading direction)	Faculty of Medicine, University of Rzeszow
Department Name	Faculty of Medicine, University of Rzeszow
Field of study	medical direction
Level of education	uniform master's studies
Profile	General academic
Form of study	stationary / extramural
Year and semester	year III, semester V/VI
Type of course	mandatory
Coordinator	Prof. dr hab. n. med. Rafał Filip
First and Last Name of the Teacher	Prof. Rafał Filip, Prof. Andrzej Przybylski, Prof. Wojciech Wąsek, Dr Dominika Wróblewska

* - 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
V sem.	25	15	-	-	15	-	-	-	3
VI sem	20	15	-	-		-	--	-	2

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 anatomy, physiology and pathophysiology

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

3.1. Objectives of this course/module

C1	Mastering the theoretical basis and practical skills in the diagnosis of internal diseases and secondary symptoms that are manifested in systemic diseases. Educating the ability to conduct medical interview with an adult patient, comprehensive internal medicine examination, and basic emergency response.
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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 genetic, environmental and epidemiological conditions of the most common diseases	E.W1
EK_02	performs a medical interview with an adult patient	E.U1
EK_03	performs a full and targeted physical examination of an adult patient	E.U3
EK_04	evaluates the general condition, state of consciousness and awareness of the patient	E.U7
EK_05	evaluates and describes the patient's somatic and mental state	E.U13
EK_06	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. Lectures

Course contents
Introduction to internal diseases (Part I): medical interview, medical history, medical documentation. Communication with the patient. Medical secret.
Introduction to internal diseases (Part II): physical examination, differential diagnosis. Diagnostic process.
Symptoms and signs of acute life-threatening conditions.
Fainting, disturbed consciousness, coma.
Respiratory system diseases: epidemiology, causes, risk factors, clinical picture, diagnostics.
Cardiovascular system diseases: epidemiology, causes, risk factors, clinical picture, diagnostics

Ischemic heart disease; epidemiology, causes, risk factors, clinical picture, diagnostics.
Congenital heart defects: epidemiology, division, symptoms of congenital malformations.
Cardiac acquired defects: definition of heart defects, division of etiology and symptomatology.
Alimentary tract diseases: epidemiology, causes, risk factors, clinical picture, diagnostics.
Kidney and urinary tract diseases: epidemiology, causes, risk factors, clinical picture, diagnostics.
Endocrine diseases: epidemiology, causes, risk factors, clinical picture, diagnostics
Hyperthyroidism and hypothyroidism, hyperkinetic syndrome: clinical picture and diagnostics.

B. Exercises

Course contents
Medical history. Discussing the types of interview, learning to collect medical history, the role of medical history in the diagnostic and therapeutic process.
Rules of physical examination. Examination of the patient's general condition. Unconsciousness. Clinical evaluation of the patient.
Physical examination. Research technique, correct image, basic deviations from the normal state. Evaluation of general condition, head and neck examination, chest, abdominal and limb organs.
Examination of the chest: watching, palpation, percussion and auscultation. Respiratory system diseases. Structure and function of the respiratory system, respiratory failure, chronic obstructive pulmonary disease.
Respiratory examination. An attempt to interpret additional tests - chest X-ray, spirometry - in conjunction with deviations from the norm in physical examination.
Distribution of pleural diseases, symptoms, diagnosis and treatment.
Physical examination of the circulatory system: blood pressure measurement principles. The study of heart auscultation: heart sounds, murmurs Diseases of the circulatory system - an interview and physical examination, Heart defects. Signs and symptoms of acute and chronic heart failure.
Coronary heart disease and heart attack. Definition and causes of coronary heart disease. Atherosclerosis risk factors. Diagnosis in coronary heart disease.

Physical examination of abdomen: watching, palpation, percussion and auscultation. Diseases of the digestive system system – symptoms, diagnosis and treatment.
Physical examination of the urinary tract. Diseases of the urinary tract – symptoms, diagnosis and treatment.
Basics of neurological examination. Selected neurological conditions – symptoms, diagnosis and treatment.
Basics of osteoarticular examination.
Basics of ECG interpretation. Basics of radiological imaging and ultrasound.

3.4 TEACHING METHODS

Lecture: lecture with multimedia presentation

Exercises: multimedia presentation, discussion, presentation of specialist endoscopic, ultrasound and radiological examinations, description of clinical cases

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	Written test	Lecture
EK_02- EK_06	Practical pass	Exercises

4.2 Conditions for completing the course (evaluation criteria)

<p>Lecture:</p> <p>Written test</p> <p>Knowledge assessment (EK_01):</p> <p>5.0 - has knowledge of each of the contents of education at the level of 90% -100%</p> <p>4.5 - has knowledge of each of the content of education at the level of 84% -89%</p> <p>4.0 - has knowledge of each of the content of education at the level of 77% -83%</p> <p>3.5 - has knowledge of each of the content of education at the level of 70% -76%</p> <p>3.0 - has knowledge of each of the content of education at the level of 60% -69%</p> <p>2.0 - has knowledge of each of the contents of education below 60%</p> <p>Exercises:</p> <p>Practical pass</p> <p>Skill assessment (EK_02-EK_05):</p>

5.0 - the student actively participates in the classes, is well prepared, has acquired theoretical and practical knowledge in the field of internal diseases at a very good level, has mastered the skills of diagnostic and therapeutic procedures in patients treated outpatients and under the conditions of the internal ward

4.5 - the student actively participates in the classes, has acquired theoretical and practical knowledge in the field of internal diseases at a good level, has mastered the skills of diagnostic and therapeutic procedures in patients treated outpatient and in internal conditions

4.0 - the student actively participates in the classes, is improved, has acquired theoretical and practical knowledge in the field of internal diseases at a good level, is able to plan the diagnostic and therapeutic activities well in patients treated outpatients and in the conditions of the internal ward

3.5 - the student participates in the classes, his scope of preparation does not allow for a comprehensive presentation of the discussed problem, he has acquired theoretical and practical knowledge in the field of internal diseases to a sufficient extent, not always able to properly plan diagnostic and therapeutic activities in outpatients and in internal conditions

3.0 - the student participates in classes, has acquired theoretical and practical knowledge in the field of internal diseases to a sufficient extent, is often corrected

2.0 - the student passively participates in the classes, the statements are incorrect in substance, the theoretical and practical knowledge in the field of internal diseases is insufficient, can not plan diagnostic and therapeutic activities in patients treated outpatients and in internal conditions, often makes mistakes

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	55
Preparation for classes	15
Participation in the consultations	2
The time to write a paper / essay	-
Preparation for tests	25
Participation in colloquia	1
Other (e-learning)	-
SUM OF HOURS	88
TOTAL NUMBER OF ECTS	5

6. TRAINING PRACTICES IN THE SUBJECT / MODUL

Number of hours	-
Rules and forms of apprenticeship	-

6. LITERATURE

READING:

1. Bates' Guide to Physical Examination & History Taking, International Edition, Lynn S. Bickley.
2. Macleod's Clinical Examination, 14th Edition, Innes J. Alastair et al.
3. Davidson's Principles and Practice of Medicine, 23rd Edition, Stuart H. Ralston et al.
4. Oxford Handbook of Clinical Medicine, 10th Edition, Ian B. Wilkinson et al.

Additional literature:

3. Harrison's Principles of Internal Medicine: Volumes 1 and 2, 20th Edition, Larry J. Jameson et al.
4. Goldman's Cecil Medicine: Cecil Medicine (Single Volume), 24th Edition, Lee Goldman, Andrew I. Schafer
5. Rapid Interpretation of EKG's, 6th Edition, Dale Dubin

Acceptance Unit Manager or authorized person