



Syllabus for the academic year 2025/26 Cycle 2023/24			
Course description			
Course	Propedeutika chorób wewnętrznych	Group of detailed learning outcomes	
	Internal Diseases (Propaedeutics)	Group of classes (group code)	Group name
		E	Non-surgical clinical sciences
Course completion	Winter semester		Summer semester
	graded pass		graded pass, exam
Faculty	Faculty of Medicine		
Degree Programme	Medicine		
Level	Uniform Master Studies		
Form	full-time		
Year	3	Semester	winter, summer
Type of course	mandatory		
Language of instruction	English		

Number of hours per type of class and per organisational unit													
Type of classes													
	Lectures (LE)	Seminars (SEM)	Auditorium classes (AUD)	Non-clinical classes (nCLN)	Clinical classes (CLN)	Laboratory classes (LAB)	Simulation-based classes (SIM)	Practical Patient Care classes (PPCC)	Foreign Language Course (FLC)	Physical Education (PE)	Practical Training (PT)	Self-directed learning (SL)	E-learning (EL)
Winter semester – number of hours per type of class and per organisational unit													
	LE	SEM	AUD	nCLN	CLN	LAB	SIM	PPCC	FLC	PE	PT	SL	EL
Katedra i Klinika Alergologii i Chorób Wewnętrznych	12	6			27		3						
Hours of in-person, on-campus learning		6			27		3						
Hours of in-person learning using remote learning methods and techniques (synchronous)	12												
Instytut Chorób Serca		6			27		3						
Hours of in-person, on-campus learning		6			27		3						
Hours of in-person learning using remote learning													

methods and techniques (synchronous)													
Summer semester – number of hours per type of class and per organisational unit													
	LE	SEM	AUD	nCLN	CLN	LAB	SIM	PPCC	FLC	PE	PT	SL	EL
Katedra i Klinika Alergologii i Chorób Wewnętrznych	12				27		3						
Hours of in-person, on-campus learning					27		3						
Hours of in-person learning using remote learning methods and techniques (synchronous)	12												
Instytut Chorób Serca					27		3						
Hours of in-person, on-campus learning					27		3						
Hours of in-person learning using remote learning methods and techniques (synchronous)													
TOTAL for the year – number of hours per type of class and per organisational unit													
	LE	SEM	AUD	nCLN	CLN	LAB	SIM	PPCC	FLC	PE	PT	SL	EL
Katedra i Klinika Alergologii i Chorób Wewnętrznych	24	6			54		6						
Hours of in-person, on-campus learning		6			54		6						
Hours of in-person learning using remote learning methods and techniques (synchronous)	24												
Instytut Chorób Serca		6			54		6						
Hours of in-person, on-campus learning		6			54		6						
Hours of in-person learning using remote learning methods and techniques (synchronous)													

Student workload (ECTS points balance)		
Type of student workload (class attendance, preparation for classes, etc.)	Number of hours	Number of ECTS points
1. In-person, on campus learning	66	4.1
2. In-person learning using remote learning methods and techniques (synchronous)	24	1.5
3. Asynchronous learning using remote learning methods and techniques (e-learning)	0	0
4. Self-directed learning (applies only to nursing and midwifery)	0	0
5. Student independent learning	62	3.9
6. Practical Training	0	0
Total student workload	152	9.5
INDICATORS		
1. Total student workload for in-person learning	90	5.6

2. Total student workload for learning using remote learning methods and techniques	24	1.5
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Learning objectives

- O1. Gaining skills about taking medical history in adult patients
- O2. Gaining skills about physical examination in adult patients
- O3. Gaining skills about state of health and consciousness evaluation
- O4. Gaining knowledge about environmental and epidemiological risk factors of the most common internal diseases
- O5. Gaining knowledge about reasons of symptoms and rules of diagnosing the most common internal diseases
- O6. Gaining skills about social competences consistent with the learning outcomes for a given subject

Course learning outcomes aligned with methods of assessment of the intended learning outcomes and the type of classes

Number of detailed learning outcome	At the end of the course, each student will know/ will understand/will be able to/ will be ready to	Methods of assessing achievement of the intended learning outcomes	Type of classes*
E.W1.	the environmental and epidemiological determinants of the most common diseases;	written examination (test)	LE, SEM, SIM
E.W7.	the causes, symptoms, principles of diagnosis and therapeutic management of the most common internal diseases affecting adults and their complications: 1) cardiovascular diseases, including ischaemic heart disease, heart defects, diseases of the endocardium, heart muscle, pericardium, heart failure (acute and chronic), arterial and venous vascular diseases, hypertension - primary and secondary, pulmonary hypertension, 2) diseases of the respiratory system, including respiratory tract diseases, chronic obstructive pulmonary disease, bronchial asthma, bronchial dilatation, cystic fibrosis, respiratory infections, interstitial lung diseases, pleural diseases, mediastinal diseases, obstructive and central sleep apnoea, respiratory failure (acute and chronic), respiratory cancers, 3) diseases of the digestive system, including diseases of the oral cavity, oesophagus, stomach and duodenum, intestines, pancreas, liver, bile ducts and gallbladder, 4) endocrine diseases, including hypothalamus and pituitary, thyroid, parathyroid gland, cortex of the adrenal gland and suprarenal medulla, ovarian and testicular diseases and neuroendocrine tumours, polyglandular syndromes, different types of diabetes mellitus and metabolic syndrome - hypoglycaemia, obesity, dyslipidaemia, 5) kidney and urinary tract diseases, including acute and chronic renal failure, glomerular and interstitial kidney diseases, renal cysts, kidney stones, urinary tract infections, and urinary tract tumours, in particular of the bladder and kidney, 6) haematopoietic diseases including bone marrow aplasia, anaemia, granulocytopenia and agranulocytosis, thrombocytopenia, acute leukaemias, myeloproliferative neoplasms and myelodysplastic/myeloproliferative neoplasms, myelodysplastic syndromes, mature B and T cell neoplasms, haemorrhagic diathesis, thrombophilia, life-threatening conditions in haematology, blood disorders in diseases of other organs, 7) rheumatic diseases, including systemic connective tissue diseases, systemic vasculitis, arthritis with spinal involvement, metabolic bone diseases, in particular osteoporosis and osteoarthritis, gout, 8) allergic diseases, including anaphylaxis and anaphylactic shock, and angioedema, 9) water-electrolyte	written examination (test)	LE, SEM, CLN

	and acid-base disorders: states of dehydration, states of overhydration, electrolyte disturbances, acidosis and alkalosis;		
E.W32.	the basic aspects of prevention and the rules of conduct in the event of work-related exposure to hazardous and noxious agents;	written examination (test)	LE, SEM, CLN
E.U1.	conduct anamnesis with an adult patient;	observation of the student's work and oral answer	LE, CLN
E.U3.	conduct a complete and focused physical examination of an adult patient;	observation of the student's work and oral answer	LE, CLN, SIM
E.U7.	assess the general condition, state of consciousness and awareness of the patient;	observation of the student's work and oral answer	LE, CLN
E.U14.	recognise immediate life-threatening conditions;	observation of the student's work and oral answer	LE, CLN
E.U24.	interpret laboratory test results and identify causes of deviations from the norm;	observation of the student's work and oral answer	LE, CLN
E.U27.	qualify the patient for vaccination;	observation of the student's work and oral answer	LE, CLN
E.U29.	perform basic medical procedures and treatments including: 1) measurement of body temperature (surface and deep), heart rate measurement, non-invasive blood pressure measurement, 2) monitoring of vital signs with a cardiomonitor, pulse oximetry, 3) spirometric examination, oxygen treatment, support and mechanical ventilation, 4) inserting an oropharyngeal tube, 5) intravenous, intramuscular and subcutaneous injections, peripheral venous cannulation, collection of peripheral venous blood, collection of blood for culture, collection of arterial blood, collection of arterialised capillary blood, 6) taking nasal, throat and skin swabs, 7) bladder catheterisation in women and men, gastric probing, gastric lavage, enema, 8) standard resting electrocardiogram with interpretation, electrical cardioversion and cardiac defibrillation, 9) simple strip tests and blood glucose measurement;	observation of the student's work and oral answer	CLN, SIM
E.U38.	maintain patient medical records.	observation of the student's work	CLN
K.1	establish and maintain deep and respectful contact with the patient, and to show understanding for worldview and cultural differences;	observation of student's work	CLN
* LE – Lectures, SEM – Seminars, AUD – Auditorium classes, nCLN – Non-clinical classes, CLN – Clinical classes, LAB – Laboratory classes, SIM – Simulation-based classes, PPCC – Practical Patient Care classes, FLC – Foreign Language Course, PE – Physical Education, SL – Self-directed learning, EL – E-learning			

Course content and topic outline

Lectures

WINTER SEMESTER: 1.Organizational issues. Medical history. Vital sings. Head and neck examination. 2.Lung and chest examination. 3.Heart examination – part I 4.Heart examination – part II 5. Abdomen examination 6.Veins and arteries examination.

SUMMER SEMESTER: 1. Respiratory diseases (pneumonia, asthma, COPD, lung neoplasms, pneumothorax, atelectasis, pleural effusion) 2. Cardiac conditions – congenital and acquired heart defects; rheumatic fever and infective endocarditis. 3. Ischemic heart disease and myocardial infarction; heart failure. 4. Gastrointestinal diseases (peptic ulcer disease of the stomach and duodenum, gastric cancer, colorectal cancer, liver cirrhosis, cholelithiasis, differential diagnosis of jaundice). 5. Renal and urinary tract diseases (urolithiasis, urinary tract infections, acute and chronic kidney disease). 6. Endocrine disorders – diabetes mellitus, thyroid diseases, Cushing's syndrome

Seminars

WINTER SEMESTER: Seminar 1. Basics of differential diagnosis. Presentation prepared by students of 20-minute presentations (each clinical group 1 topic, according to the numbering, group A, topic A)

- Differential diagnosis of shortness of breath
- Differential diagnosis of chest pain

- Differential diagnosis of abdominal pain
- Differential diagnosis of ascites

Seminar 2. Allergology in practice: Presentation prepared by students 20-minute presentations (each clinical group 1 topic, according to the numbering, group A, topic A)

- Asthma
- Drug allergy
- COPD
- Anaphylaxis

Classes

Winter semester: 1.Obtaining general medical history Physical examination (vital signs, mental status exam, skin color: cyanosis,jaundice, other abnormalities). 2.Head, neck and thyroid gland exam. 3.Chest and Lung exam (1 part) 4.Chest and Lung exam (2 part) Lung auscultation. 5.Heart examination (1 part) 6.Heart examination (2 part) 7.Examination of the abdomen (1 part) 8.Examination of the abdomen (2 part)Examination of the liver and gall bladder, the pancreas, kidneys andspleen 9.Veins and arteries examination. 10.Make up classes. Credit.#,Summer semester: 1.Asthma, Chronic obstructive pulmonary disease, Pneumonia 2.Lung tumours. Atelectasis. Pleuritis and pneumothorax 3.Valvular disorders - clinical symptoms and physical examination. 4.Arteriosclerosis. Coronary artery disease. Myocardial infarction. Stroke. Peripheral arterial disease 5.Hypertension. Cardiac arrhythmias. Acute and chronic heart failure. 6.Gastric and duodenal ulcer. Stomach cancer. Colonic cancer. "Acute abdomen" Gastrointestinal bleeding 7.Hepatic cirrhosis and tumours. Cholelithiasis. Types of icterus. Acute and chronic pancreatitis 8.Urinary calculi, Urinary tract infections. Chronic kidney disease Acute kidney injury. Adrenal disorders:Cushing syndrome, Addison disease. 9.Diabetes. Hyperthyroidism, hypothyroidism 10.Make up classes. Credit. (2 hour

Required textbooks

1. Macleod's clinical examination / edited by J. Alastair Innes, Anna R. Dover, Karen Fairhurst. - Edinburgh : Elsevier, 2013 and newer.
2. Bates' guide to physical examination and history taking / Lynn S. Bickley, Peter G. Szilagyi. - Philadelphia : Wolters Kluwer, 2007-2017.
3. Harrison's principles of internal medicine. Vol. 1-2 / editors J. Lary Jameson, Dennis L. Kasper, Dan L. Longo i in. - New York : McGraw-Hill Education, 2018, 2022.

Optional textbooks and additional materials

1. Davidson's principles & practice of medicine / ed. Ian D. Penman, Stuart H. Ralston, Mark W.J. Strachan, Richard P. Hobson. - London : Elsevier, 2010, 2023.

Prerequisites

Students are obliged to come to classes prepared: 1) from all the previously covered material (material from classes and lectures) and 2) from the material applicable to the current exercise. The student has knowledge of the current rules of conduct during clinical classes

Rules for the award of grade components in the course throughout the winter semester

- 1.Clinical Classes:
Practical examination in physical examination techniques, graded according to the scale provided below, covering material from both clinical classes and lectures.
2. Seminars:
Preparation and delivery of a presentation on topics specified in the syllabus.
3. Attendance
Attendance is mandatory at all clinical classes and seminars.

Rules for the award of grade components in the course throughout the summer semester

- Clinical Classes:
Practical examination in physical examination techniques, graded according to the scale provided below, covering material from both clinical classes and lectures.

Terms and criteria to obtain a graded pass for the course

Winter semester

1. Satisfactory mastery of knowledge in the scope of topics covered in clinical classes, lectures and seminars.

- Practical examination in physical examination techniques, graded by the supervising assistant (grading scale provided below).
- Seminars preparation and delivery of a presentation on specified in the syllabus.

- Attendance at all clinical classes and seminars is mandatory.

Summer semester

1. Satisfactory mastery of knowledge in the scope of topics covered in clinical classes, lectures and seminars..

- Practical examination in physical examination techniques, graded by the supervising assistant (grading scale provided above).
- Attendance at all clinical classes is mandatory.

Grade	Description of the conditions/requirements to obtain a grade
Very Good (5.0)	Correct answers to 93–100% of questions; excellent mastery of history-taking and physical examination techniques; full knowledge of the symptomatology of nosological entities discussed during classes.
Good Plus (4.5)	Correct answers to 85–92% of questions; nearly complete mastery of history-taking and physical examination techniques; very good knowledge of the symptomatology of the conditions discussed.
Good (4.0)	Correct answers to 77–84% of questions; good mastery of history-taking and physical examination techniques; good knowledge of the symptomatology of the conditions discussed.
Satisfactory Plus (3.5)	Correct answers to 69–76% of questions; satisfactory mastery of history-taking and physical examination techniques; satisfactory knowledge of the symptomatology of the conditions discussed.
Satisfactory (3.0)	Correct answers to 60–68% of questions; adequate mastery of history-taking and physical examination techniques; adequate knowledge of the symptomatology of the conditions discussed.
Unsatisfactory (2,0)	Fewer than 60% of correct answers; insufficient mastery of history-taking and physical examination techniques; insufficient knowledge of the symptomatology of the conditions discussed.

Terms and criteria of admission to exam

Mandatory condition to take the exam is credit from clinical classes, seminars in winter and summer semester

Exam terms and criteria

The final exam is conducted as an MCQ test (60 questions – 1 correct answer, 3 distractors) in the first attempt, and as an oral exam in the second and third attempts, as well as in the commission exam, held in direct contact with the academic teacher. The oral exams consists of 3 questions covering material from clinical classes, seminars, and lectures from the entire academic year. To pass, a satisfactory answer to all questions is required (grading scale provided below).

Grade	Pass threshold
Very Good (5.0)	93-100%
Good Plus (4.5)	85-92%
Good (4.0)	77-84%
Satisfactory Plus (3.5)	69-76%
Satisfactory (3.0)	60-68%
Unsatisfactory (2,0)	Less than 60%

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OFFICE HOURS: Detailed information about the dates and locations of academic staff office hours is provided on the websites of the individual organisational units of the University teaching the course and in the display boards next to the secretariats.

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