





<b>Summer Semester</b>													
Department of Internal Medicine and Allergology	14				30								
<b>TOTAL per year:</b>													
Department of Internal Medicine and Allergology	27				60								
<b>Educational objectives (max. 6 items)</b> <b>C1. mastering in taking medical history in adult patients</b> <b>C2. mastering in physical examination in adult patients</b> <b>C3. mastering in general state of health and consciousness evaluation</b> <b>C4. recognition of environmental and epidemiological risk factors of the most common internal diseases</b> <b>C5. recognition and understanding of reasons for symptoms and rules of diagnosing the most common internal diseases</b> <b>C6. recognition of specificity of certain internal diseases at old age</b>													
<b>Education result matrix for module/course in relation to verification methods of the intended education result and the type of class</b>													
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to			Methods of verification of intended education results (forming and summarising)	Form of didactic class <i>**enter the abbreviation</i>							
<b>U1</b>	<b>E.U1</b>	student takes medical history with adult patient			practical examination, oral examination, written examination	L, CC							
<b>U2</b>	<b>E.U3</b>	student performs full and directed physical examination of adult patient			practical examination, oral examination, written examination	L, CC							
<b>U3</b>	<b>E.U7</b>	student evaluates general state of health and consciousness of adult patient			practical examination, oral examination, written examination	L, CC							
<b>W1</b>	<b>E.W1</b>	student recognizes environmental and epidemiological conditionings of the most common internal diseases			oral examination, written examination	L, CC							
<b>W2</b>	<b>E.W.7</b>	student recognizes and understands reasons, symptoms and rules of diagnosing and treatment of the most common internal diseases			oral examination, written examination	L, CC							



<b>W3</b>	<b>E.W8</b>	student knows and understands symptoms and the course of aging as well as knows comprehensive geriatric evaluation and interdisciplinary approach to the care of patient at old age	oral examination, written examination	L, CC
<p>** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .</p>				
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes:          Knowledge: +++++          Skills: +++          Social competences: +</p>				
<b>Student's amount of work (balance of ECTS points)</b>				
<b>Student's workload</b> (class participation, activity, preparation, etc.)			<b>Student Workload (h)</b>	
1. Lessons on site (hrs):			87	
2. Student's own work (self-study) (hrs):			135,6	
Total student's workload			222,6	
<b>ECTS points for module/course</b>			6,5	
Comments				
<b>Content of classes</b> (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)				



**Lectures (27 hours)**

1. Taking medical history. Training in the examination of patients with different diseases
2. Evaluation of general state of health, consciousness and vital signs.
3. Examination of head, neck and lymph nodes
4. Examination of lung/respiratory system
5. Examination of heart and blood vessels
6. Examination of abdomen
7. Examination of extremities. Venous and arterial system.
8. Background interpretation of lung function tests and chest x-ray.
9. Asthma. Clinical presentation, medical history, physical examination, diagnosis and management. Asthma exacerbation
10. COPD. Clinical presentation, medical history, physical examination, diagnosis and management. COPD exacerbation.
11. Lung cancer. Atelectasis, pneumothorax. Clinical presentation, medical history, physical examination, diagnosis and treatment.
12. Pneumonia. Pleuritis. Clinical presentation, medical history, physical examination, diagnosis and treatment.
13. Ischemic heart disease. Clinical presentation, medical history, physical examination, diagnosis and treatment.
14. Arterial hypertension. Clinical presentation, medical history, physical examination, diagnosis and treatment.
15. Chronic heart failure. Clinical presentation, medical history, physical examination, diagnosis and treatment.
16. Stomach and duodenal ulcer. Stomach cancer. Clinical presentation, medical history, physical examination, diagnosis and treatment.
17. Colitis ulcerosa. Crohn disease. Large bowel cancer. Clinical presentation, medical history, physical examination, diagnosis and treatment.
18. Liver and gall bladder disease. Liver cirrhosis, cholelithiasis. Clinical presentation, medical history, physical examination, diagnosis and treatment.
19. Nephrolithiasis, other kidney diseases. Clinical presentation, medical history, physical examination, diagnosis and treatment.
20. Cause and symptoms of acute peritonitis, pancreatitis, acute appendicitis. Clinical presentation, medical history, physical examination, diagnosis and treatment.
21. Systemic lupus erythematosus and rheumatoid arthritis. Clinical presentation, medical history, physical examination, diagnosis and treatment.
22. Diabetes, thyroid gland diseases. Clinical presentation, medical history, physical examination, diagnosis and treatment.



**Classes (60 hours)**

1. Obtaining general medical history focused on specific systems and organs
2. Physical examination (vital signs, mental status, skin colour: cyanosis, jaundice, other abnormalities)
3. Head and neck examination. Simplified eye exam.
4. Chest examination. Palpation, percussion and auscultation. Types of breathing sounds (vesicular, bronchial undifferentiated). Pathological lung sounds.
5. Heart examination. Palpation, percussion and auscultation. Normal heart sounds. Abnormal hearts sounds and murmurs.
6. Abdominal examination. Topographic anatomy of abdominal cavity. Examination of stomach, intestines, gall bladder, kidneys, spleen, pancreas. Palpation, auscultation and percussion.
7. Acute abdomen. Physical examination. Clinical presentation
8. Examination of extremities and venous system. Venous insufficiency.
9. Peripheral arteries examination. Arterial insufficiency.

**Basic literature** (list according to importance, no more than 3 items)

1. Bickley LS. Guide to physical examination and history taking.
2. Fauci, Braunwald, Kasper et al. Harrison's principles of internal medicine (17 edition)

**Didactic resources requirements** (e.g. laboratory, multimedia projector, other...)

Multimedia projector, access to hospitalized patients

**Preliminary conditions** (minimum requirements to be met by the student before starting the module/course)

Obtaining credit for basic pre-clinical subjects.

**Conditions to receive credit for the course** (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)

Credit: oral and practical.

Requirements for examination: attendance min. 90%, knowledge at acceptable level

Final examination: practical and written

<b>Grade:</b>	<b>Criteria</b> (only for courses/modules ending with an examination)
Very Good (5.0)	>85% correct answers
Good Plus (4.5)	80-84% correct answers
Good (4.0)	75-79 correct answers



Satisfactory Plus (3.5)	70-74% correct answers
Satisfactory (3.0)	60-69% correct answers

**Name and address of module/course teaching unit, contact: telephone and e-mail address**

Department of Internal Medicine and Allergology

50-367 Wrocław

ul. Skłodowskiej 66

**Coordinator / Person responsible for module/course, contact: telephone and e-mail address**

Dr Rafał Dobek

rafal.dobek@umed.wroc.pl

**List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.**

Dr Marta Rosiek - Biegus

Dr Andrzej Obojski

Dr Robert Pawłowicz

Dr Magdalena Kosinska

Dr Anna Dor - Wojnarowska

Dr Krzysztof Gomułka

Date of Syllabus development in Wrocław

KATEDRA I KLINIKA  
CHOROBY WEWNĘTRZNYCH I ALERGologii  
kierownik

prof. dr hab. Bernard Banaszek  
(1)

Syllabus developed by

prof. dr med. RAFAŁ DOBEK  
SPECJALISTA CHOROBY WEWNĘTRZNYCH  
CHOROBY PŁUC I ALERGologii  
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6477870

Signature of Head of teaching unit

Signature of Faculty Dean

Wrocław Medical University  
FACULTY OF MEDICINE  
VICE-DEAN FOR STUDIES IN ENGLISH

Prof. Andrzej Handrich, PhD



**UNIWERSYTET MEDYCZNY**  
IM. PIASTÓW ŚLĄSKICH WE WROCŁAWIU

Appendix 5  
to Resolution No. 15630  
of Senate of Wrocław Medical University  
of 30 March 2016