

Course description

Part 1

General information about the course	
1. Major of study: medicine	2. Study level: unified MSc
4. Year: 6	3. Form of study: intramural
6. Course name: Internal Medicine SUB-I / general medicine	5. Semester: 11
7. Course status: required	
8. Course contents and assigned learning outcomes	
1. Common symptomatology, epidemiology and diagnosis criteria of internal diseases.	
2. Symptomatology, diagnosis, differential diagnosis, laboratory analysis, imaging techniques, invasive and none invasive diagnostic procedures, medical emergencies and treatment in cardiovascular diseases.	
3. Symptomatology, diagnosis, differential diagnosis, laboratory analysis imaging techniques, invasive and none invasive diagnostic procedures, medical emergencies and treatment in respiratory system diseases.	
4. Symptomatology, diagnosis, differential diagnosis, laboratory analysis, imaging techniques, invasive and none invasive diagnosis procedures, medical emergencies and treatment in gastrointestinal diseases.	
5. Symptomatology, diagnosis, laboratory analysis, imaging techniques, invasive and none invasive diagnostic procedures, medical emergencies and treatment in nephrology diseases.	
6. Symptomatology, diagnosis, differential diagnosis, laboratory analysis, imaging techniques, invasive and none invasive diagnosis procedures medical emergencies and treatment in metabolic diseases.	
7. Symptomatology, diagnosis, differential diagnosis, laboratory analysis, imaging techniques, invasive and none invasive diagnostic procedures, medical emergencies and treatment in endocrine diseases.	
8. Symptomatology, diagnosis, differential diagnosis, laboratory analysis, imaging techniques, invasive and none invasive diagnostic procedures, medical emergencies and treatment in connective tissue diseases.	
9. Symptomatology, diagnosis, differential diagnosis, laboratory analysis, imaging techniques, invasive and none invasive diagnostic procedures, medical emergencies and treatment in hematology.	
10. Geriatric medicine and palliative care.	
11. . Symptomatology, diagnosis, differential diagnosis, laboratory analysis, imaging techniques, invasive and none invasive diagnosis procedures medical emergencies and treatment in oncology	

Learning outcomes / reference to learning outcomes indicated in the standards

For knowledge – student knows and understands: E.W1,E.W7, E.W32, E.W40, E.W41, E.W42, E.W43

For skills student can do: E.U1, E.U3, E.U7, E.U16, E.U17, E.U18, E.U20, E.U21 E.U24, E.U29, E.U30, E.U31, E.U32, E.U38

For social competencies student is ready to:.....

- 1) establish and maintain deep and respectful contact with the patient, as well as showing understanding of ideological and cultural differences;
- 2) guiding the patient's well-being;
- 3) compliance with medical confidentiality and patient's rights;
- 4) taking actions towards the patient based on ethical principles, with the awareness of social conditions and restrictions resulting from the disease;
- 5) perceiving and recognizing one's own limitations and self-assessing educational deficits and needs;
- 6) promoting health-promoting behavior;
- 7) using objective sources of information;
- 8) formulating conclusions from own measurements or observations;
- 9) implementing the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment;
- 10) formulating opinions on various aspects of professional activity;
- 11) assuming responsibility related to decisions taken as part of professional activities, including in terms of self and other people's safety.

Z komentarzem [U1]: opisać z godnie ze standardami ogólne efekty uczenia się w zakresie kompetencji społecznych
W przypadku kierunku farmacja str. 60-61

9. Number of hours for the course **42**

10. Number of ECTS points for the course **9**
**for the whole block of internal medicine sub-I*

11. Methods of verification and evaluation of learning outcomes

Learning outcomes	Methods of verification	Sposoby oceny* Methods of evaluation*
Knowledge	Written evaluation – open questions Grade credit – MCQ	*written evaluation, MCQ, oral questions, practical evaluation of the patients.
Skills	Report Observation Practical exam	<ul style="list-style-type: none"> • Practical exam
Competencies	Observation	<ul style="list-style-type: none"> • Evaluation of the in and outpatients

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved

Course description (Sub – I General Medicine)

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: Department Of Internal Medicine, Rheumatology and Immunology Górnośląskie Centrum Medyczne im. prof. Leszka Gieca Śląskiego Uniwersytetu Medycznego w Katowicach reumatologia@gcm.pl ekucharz@sum.edu.pl		
13. Name of the course coordinator: Prof. Dr hab med. Eugeniusz Józef Kucharz Sham Abdul Cader Mohamed M.D, Ph.d		
14. Prerequisites for knowledge, skills and other competencies: Pre-clinical knowledge and obtaining positive results in the none clinical courses		
15. Number of students in groups 7	In accordance with the Senate Resolution	
16. Study materials	In patients, Out patients, power point presentations, patients case histories, Laboratory and Imaging technique results, Invasive and none invasive procedures. Reading: Harrison's Principles of Internal Medicine	
17. Location of classes	Department Of Internal Medicine, Rheumatology and Immunology Górnośląskie Centrum Medyczne im. prof. Leszka Gieca Śląskiego Uniwersytetu Medycznego w Katowicach	
18. Location and time for contact hours	Department Of Internal Medicine, Rheumatology and Immunology Górnośląskie Centrum Medyczne im. prof. Leszka Gieca Śląskiego Uniwersytetu Medycznego w Katowicach	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
P_W01 / C_K01	environmental and epidemiological conditions of the most common diseases	E.W1.
P_W02 / C_K02	causes, symptoms, principles of diagnosis and therapeutic procedure in relation to the most common internal diseases occurring in adults and their complications:	E.W7.
P_W03 / C_K03	basic prevention issues and rules of conduct in the case of	E.W32

	occupational exposure to dangerous and harmful factors;	
P_W04/C_K04	theoretical and practical foundations of laboratory diagnostics;	E.W40.
P_W04/C_K05	possibilities and limitations of emergency laboratory tests;	E.W41.
P_W04/C_K06	indications for the implementation of monitored therapy;	E.W42.
P_W04/C_K07	basic pharmacoeconomic concepts.	E.W43.
P_U01 / C_S01	conduct an interview with an adult patients	E.U1.
P_U02 / C_S02	conduct a full and targeted physical examination of an adult patient	E.U3.
P_U02 / C_S03	assess the general condition, the state of consciousness and awareness of the patient;	E.U7
P_U03 / C_S03		
P_U04 / C_S04	plan diagnostic, therapeutic and preventive measures;	E.U16.
P_U05 / C_S05	analyze the possible side effects of individual drugs and their interactions;	E.U17.
P_U06 / C_S06	propose the individualization of existing therapeutic guidelines and other methods of treatment against ineffectiveness or contraindications to standard therapy;	E.U18.
P_U07 / C_S07	qualify the patient for home and hospital treatment	E.U20.
P_U08 / C_S08	identify conditions in which the duration of life, functional status or preferences of the patient limit the conduct in accordance with the guidelines set out for a given disease;	E.U21.
P_U09 / C_S09	interpret laboratory results and identify the causes of deviations from the norm;	E.U24.
P_U10/ C_S10	perform basic medical procedures and procedures including: body temperature measurement (superficial and deep), heart rate measurement, non-invasive blood pressure measurement, monitoring of vital signs with the help of a cardiomonitor, pulse oximetry, intravenous, intramuscular and subcutaneous injections, peripheral vein cannulation, peripheral venous blood collection, blood culture, arterial blood collection, arterialized capillary blood collection, taking swabs from the nose, throat and skin, bladder catheterization in both men and women.	E.U29.
P_U11 / C_S11	interpret pharmaceutical characteristics of medicinal products and critically evaluate drug advertising material;	E.U31.
P_U12 / C_S12	plan specialist consultations	E.U32.
P_U13 / C_S13	recognize the agony of the patient and determine his death;	E.U37.
P_U14 / C_S14	keep patient's medical records.	E.U38.
20. Forms and topics of classes		Number of hours
21.1. Lectures		14
1. Medical emergencies in Respiratory and cardiobasciular diseases		6
2. Food and drug poisoning, GI emergencies		6
3. Medical emrgencies in urogenital and musculoskeletal system		2
23.3. Labs		28
1. evaluation of patients , taking medical history , evaluation of the symtoms and signs in cardiovascular patients		4
2. evaluation of patients , taking medical history , evaluation of the symtoms and signs in pulmonology patients		4

3. evaluation of patients , taking medical history , evaluation of the symptoms and signs in GI patients	4
4. evaluation of patients , taking medical history , evaluation of the symptoms and signs in nephrology and endocrine and metabolic patients	4
5. evaluation of patients , taking medical history , evaluation of the symptoms and signs in musculoskeletal diseases	
6. evaluation of patients , taking medical history , evaluation of the symptoms and signs, non-invasive and invasive diagnosis procedures, imaging techniques, laboratory values, diagnosis and differentiation diagnosis in connective tissue diseases	12
24. Readings	
Harrison's Principles of Internal Medicine	
25. Detail evaluation criteria	
<p>In accordance with the recommendations of the inspection bodies Completion of the course – student has achieved the assumed learning outcomes by successfully passing the practical and theoretical part of the course work and obtaining positive results Detail criteria for completion and evaluation of the course are specified in the course regulations The course regulation is established by the Department prior to the Deans acceptance</p>	