



Model syllabus for regulated fields of study (*internal medicine*)

1. IMPRINT	
Academic Year	2022/2023
Department	Faculty of Dental Medicine
Field of study	English Dentistry Division
Main scientific discipline <i>(in accord with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>	Medical sciences
Study Profile (<i>general academic / practical</i>)	General Academic
Level of studies <i>(1st level / 2nd level / uniform MSc)</i>	Uniform MSc
Form of studies	5-years, full time studies
Type of module / course <i>(obligatory / non-compulsory)</i>	obligatory
Form of verification of learning outcomes (<i>exam / completion</i>)	Writing test
Educational Unit / Educational Units <i>(and address / addresses of unit / units)</i>	Department of Internal Medicine and Cardiology Lindleya 4, 02-005 Warsaw Tel: 22 502 11 44

Head of Educational Unit / Heads of Educational Units	Prof. dr hab. n. med. Piotr Pruszczyk,
Course coordinator (title, First Name, Last Name, contact)	Prof dr hab. n med. Michał Ciurzyński, michal.ciurzynski@wum.edu.pl , tel 22 502 11 44
Person responsible for syllabus (First name, Last Name and contact for the person to whom any objections concerning syllabus should be reported)	Prof dr hab. n med. Michał Ciurzyński, michal.ciurzynski@wum.edu.pl , tel 22 502 11 44
Teachers	Prof. dr hab. n. med. Piotr Pruszczyk (Head of Department) Prof hab. n.med. Michał Ciurzyński (responsible for didactic) Dr hab. n.med. Piotr Bienias Dr hab. n.med. Marek Roik Dr n.med. Szymon Pacho Dr n.med. Katarzyna Kurnicka Dr n.med. Marta Skowrońska Dr Mateusz Jermakow Dr Olga Zdończyk Dr Andrzej Łabyk

2. BASIC INFORMATION

Year and semester of studies	IV year. VII/VIII semester	Number of ECTS credits	3.00
FORMS OF CLASSES		Number of hours	ECTS credits calculation
Contacting hours with academic teacher			
Lecture (L)		7	0,1
Seminar (S)		18	0,5
Discussions (D)			
e-learning (e-L)			
Practical classes (PC)		35	1,0
Work placement (WP)			
Unassisted student's work			
Preparation for classes and completions		50	1,4

3. COURSE OBJECTIVES	
01	Development of skills of taking history and physical examination of patients with the most common internal diseases.
02	Basic knowledge about most common internal diseases.
03	Diagnose of internal diseases.

4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING <i>(concerns fields of study regulated by the Regulation of Minister of Science and Higher Education from 26 of July 2019; does not apply to other fields of study)</i>	
Code and number of effect of learning in accordance with standards of learning <i>(in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>	Effects in time

Knowledge – Graduate* knows and understands:

G.K1	Knowledge about methods of medical examination and role of additional investigations in diagnosis, monitoring, prognosis and prophylaxis of organs and systemic disorders, especially its influence on oral cavity diseases. E.W2
G.K2	Knowledge about pathophysiology and symptomatology of respiratory system, cardiovascular system, genitourinary system, immunology system, digestive system, endocrinology system and musculoskeletal system, with special attention to symptoms appearing in oral cavity. E.W3
G.K3	Knowledge about acute symptoms of abdominal disease, poisoning, infections and sepsis. E.W7

Skills– Graduate* is able to:

G.S1	conducts differential diagnosis of the most common diseases E.U1
G.S2	assesses and describes the patient's somatic and mental state E.U2
G.S3	plans diagnostic and therapeutic procedures in the case of the most common diseases in adults EU.3
G.S4	interprets the results of laboratory tests EU4
G.S5	-describes and recognizes the symptoms of shock and acute heart failure EU9
G.S6	performs basic medical procedures and treatments: temperature measurement, heart rate measurement, non-invasive blood pressure measurement, oxygen treatment, assisted and alternative ventilation, insertion of an oropharyngeal tube, preparation of the operating field, hygienic and surgical disinfection of hands, intravenous,

	intramuscular and subcutaneous injection, peripheral venous blood sampling, nasal, throat and skin swab collection, simple strip tests, blood glucose measurement EU20
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* In appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019 „graduate”, not student is mentioned.

5. ADDITIONAL EFFECTS OF LEARNING (non-compulsory)	
Number of effect of learning	Effects of learning i time
Knowledge – Graduate knows and understands:	
Skills– Graduate is able to:	
Social Competencies – Graduate is ready for:	
SC1	Student is active during the course, punctual and conscientious GU25
SC2	Student is able to cooperate as a part of a medical-nursing team GU37
SC3	Student is able to work by themself at the patient's bedside, helps patient during the examination, shows adequate empathy towards patient GU32
SC4	Student maintains confidentiality GU30

6. CLASSES		
Form of class	Class contents	Effects of Learning
Lecture 1	Chronic internal diseases in dentistry practice.	E.W2., E.W3., E.U1., E.U3., E.U4., E.U9.
Lecture 2	Anticoagulation treatment.	E.W2., E.W3.,E.W7., E.U1., E.U3., E.U4., E.U9
Lecture 3	Acute cardiovascular problems in dentistry practice.	E.W2., E.W3., E.U1., E.U3., E.U4., E.U9
Lecture 4	Fever - etiology, differential diagnosis and management	E.W.2., E.W3, E.W7., E.U1., E.U3., E.U4 .

Lecture 5	Non-cardiosurgery operation. Cardiovascular risk assessment and management	E.W.2., E.W3, E.U1., E.U3., E.U4 .
Lecture 6	Syncope and coma.	E.W2., E.U1., E.U3., E.U4.,
Lecture 7	Dental procedures in anticoagulated patients.	E.W2., E.W3.,E.W7., E.U1., E.U3., E.U4., E.U9.
Seminar 1	Anaemia – classification, differentia diagnosis.	E.W.2., E.W3, E.W7., E.U1., E.U3., E.U4
Seminar 2	Peptic ulcers. Gastrointestinal tumours.	E.W.2., E.W3, E.W7., E.U1., E.U3., E.U4
Seminar 3	Chronic obstructive pulmonary disease	E.W.2., E.W3, E.W7., E.U3., E.U4
Seminar 4	Pneumonia and pleuris. Lung cancer	E.W2., E.W3., E.W7., E.U1., E.U3., E.U4
Seminar 5	Infective endocarditis	E.W2, E.W3, E.W7, E.U1, E.U3, E.U4
Seminar 6	Coronary artery disease. Acute coronary syndrome	E.W.2., E.W3, E.U1., E.U3., E.U4
Seminar 7	Thyroid dysfunction. Hipermetabolic crisis	E.W.2., E.W3, E.U1., E.U3., E.U4
Seminar 8	Renal failure	E.W.2., E.W3, E.W7., E.U1., E.U3., E.U4
Seminar 9	Cirrhosis. Pancreatitis. Pancreatic cancer	E.W2, E.W3, E.W7, E.U1, E.U3, E.U4
Seminar 10	Bacterial infection. Sepsis	E.W.2., E.W3, E.W7., E.U1., E.U3., E.U4
Seminar 11	Jaundice. Hepatitis - HAV, HBV, HCV	E.W.2., E.W3, E.W7., E.U1., E.U3., E.U4
Seminar 12	Fluid and electrolyte balance – management	E.W.2., E.W3, E.W7., E.U1., E.U3., E.U4
Seminar 13	Calcium - phosphate metabolism	E.W2., E.W3., E.U1., E.U3., E.U4.,
Seminar 14	Rheumatic diseases	E.W2., E.W3., E.U1., E.U3., E.U4
Seminar 15	Patient with hypertension - preparation for dental procedure	E.W2., E.W3., E.U1., E.U3., E.U4., E.U9
Seminar 16	Patient with coronary artery disease - preparation for dental procedure	E.W2., E.W3., E.U1., E.U3., E.U4., E.U9

Seminar 17	Patient with diabetes - preparation for dental procedure.	E.W2., E.W3., E.W7., E.U1., E.U3., E.U4., E.U9
Seminar 18	Patient with chronic heart failure - preparation for dental procedure	E.W2., E.W3., E.U1., E.U3., E.U4., E.U9.
Practical training (6h)	Practical exercise of taking history and physical examination. Circulatory system	E.U1., E.U2., E.U3., E.U4., E.U9., E.U20.
Practical training (6h)	Practical exercise of taking history and physical examination. Respiratory system	E.U1., E.U2., E.U3., E.U4., E.U9., E.U20.
Practical training (6h)	Practical exercise of taking history and physical examination. Digestive system	E.U1., E.U2., E.U3., E.U4., E.U9., E.U20.
Practical training (6h)	Practical exercise of taking history and physical examination. Genitourinary system	E.U1., E.U2., E.U3., E.U4., E.U9., E.U20.
Practical training (3h)	Practical exercise of taking history and physical examination. Endocrinology	E.U1., E.U2., E.U3., E.U4., E.U9., E.U20.
Practical training (2h)	Practical exercise of taking history and physical examination. Neurological system	E.U1., E.U2., E.U3., E.U4., E.U9., E.U20.
Practical training (2h)	Practical exercise of taking history and physical examination. Musculoskeletal system	E.U1., E.U2., E.U3., E.U4., E.U9., E.U20.
Practical training (4h)	Practical exercise of taking history and physical examination. Self-writing of the medical history file	E.U1., E.U2., E.U3., E.U4., E.U9., E.U20.

7. LITERATURE

Obligatory

1. Kumar and Clark's Clinical Medicine, 9th Edition, Parveen Kumar, Michael L Clark
2. Davidson's Principles and Practice of Medicine, 23rd Edition, Stuart H. Ralston, Ian Penman, Mark Strachan, Richard Hobson

Supplementary

1. Macleod's Clinical Examination 14th Edition, J. Alastair Innes Anna Dover Karen Fairhurst
2. Evidence-Based Medicine 5th Edition, Sharon Straus Paul Glasziou W. Scott Richardson R. Brian Haynes

8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
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e.g. G.K1, G.S1, K1	<i>This field defines the methods used for grading students e.g. pop quiz, test, written report etc.</i>	e.g. <i>threshold number of points</i>
E.W2., E.W3., E.W7., E.U1., E.U2., E.U3., E.U4., E.U9., E.U20.	Practical exam with the assistant and written patient history file. Summary test.	Attendance at all seminars and exercises. If student is absent on more than 1 seminary, then handwritten essay is demanded on the missed topic. Omitted exercise should be worked off with the assistant. At least 60% correct answers on the summary test.

9. ADDITIONAL INFORMATION *(information essential for the course instructor that are not included in the other part of the course syllabus e.g. if the course is related to scientific research, detailed description of, information about the Science Club)*