

FIȘA DISCIPLINEI

1. Date despre program

1.1 Instituția de învățământ superior	UNIVERSITATEA DE MEDICINA SI FARMACIE "VICTOR BABEȘ" TIMIȘOARA
1.2 Facultatea	FACULTATEA DE MEDICINĂ-FACULTATEA DE MEDICINĂ DENTARĂ – DENTISTRY
1.3 Departamentul	V
1.4 Domeniul de studii de ¹⁾	Licență
1.5 Ciclul de studii ²⁾	Licență
1.6 Programul de studii/ Calificarea	Medicină/ MD – Medicine/Dentistry

2. Date despre disciplină

2.1. Denumirea disciplinei	Internal Medicine							
2.2 Titularul activităților de curs	Lecturer Dr. Daniela Lazăr							
2.3 Titularul activităților de laborator	As.Univ. Bagiu Iulia-Cristina							
2.4 Anul de studiu	III ENGLISH SECTION	2.5 Semestrul	I, II	2.6 Tipul de evaluare	Exam	2.7 Regimul disciplinei	Conținut ³⁾	DF
							Obligativitate ³⁾	DI

3. Timpul total estimat (ore pe semestru al activităților didactice) - Ist Semester

3.1 Număr de ore pe săptămână	4	3.2 din care: curs	2	3.3 laborator	2
3.4 Total ore din planul de învățământ	56 (4 x 14)	3.5 din care: curs	28	3.6 laborator	28
Distribuția fondului de timp					hours
Studiul după manual, suport de curs, bibliografie și notițe					56
Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate și pe teren					10
Pregătire seminarii/ laboratoare / proiecte, teme, referate, portofolii și eseuri					28
Tutoriat					
Examinări					
Alte activități					
3.7 Total ore studiu individual	150-56= 94				
3.8 Total ore pe semestru	150 (5 credits x 30 hours/credit)				
3.9 Numărul de credite⁵⁾	5				

3. Timpul total estimat (ore pe semestru al activităților didactice) - IIInd Semester

3.1 Număr de ore pe săptămână	4	3.2 din care: curs	2	3.3 laborator	2
3.4 Total ore din planul de învățământ	32 (4 x 8)	3.5 din care: curs	16	3.6 laborator	16
Distribuția fondului de timp					hours
Studiul după manual, suport de curs, bibliografie și notițe					50
Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate și pe teren					10
Pregătire seminarii/ laboratoare / proiecte, teme, referate, portofolii și eseuri					24
Tutoriat					
Examinări					2h theory
Alte activități					
3.7 Total ore studiu individual	120- (32+2) = 86				
3.8 Total ore pe semestru	120 (4 credi ts x 30 hour s/cre dit)				
3.9 Numărul de credite⁵⁾	4				

4. Precondiții (acolo unde este cazul)

4.1 de curriculum	Disciplines that are required to be learned previously for a good understanding and performing of the educational process in Internal Medicine Discipline: Physiology, Pathophysiology, Pathology, Pharmacology, Semiology
4.2 de competențe	Basic knowledge regarding examinations methods of the patients and assessment of the analysis results

5. Condiții (acolo unde este cazul)

5.1 de desfășurare a cursului	<ul style="list-style-type: none"> • Mobile phones will be closed during the lectures, there won't be tolerated neither phone conversations during the lecture nor leaving the amphitheater by the students in order to take the personal phone calls; • Students won't be admitted to be late at the courses, because of disrupting the educational process; • Presence at the courses is mandatory, only 30% of the courses can be missed
5.2 de desfășurare a seminarului/ laboratorului/ proiectului	<ul style="list-style-type: none"> • Mobile phones will be closed during the clinical practices, there won't be tolerated neither phone conversations nor leaving the ward by the students in order to take the personal phone calls; • Students won't be admitted to be late at the clinical practices, because of disrupting the educational process; • The presence at the clinical practices is mandatory, being accepted a maximum of 15% absences of the total number of clinical practices; • It is permitted to recuperate absences at a maximum of 15% of the total number of clinical practices (excepting medical cases who will require individually the approval of the Dean) • Practical exam will be sustained during the last week of the second semester, from the curricula of the clinical practices, previously known by the students.

6. Competențe specifice acumulate

Competențe Profesionale	<ol style="list-style-type: none"> 1. Gaining the specific terminology, knowledge and use of skills in Internal Medicine 2. The ability to explain the presence of the symptoms and signs, and changes found at paraclinical examinations in a specific disease 3. Establishing the diagnosis of the main conditions included in Internal Medicine based on anamnesis, clinical examinations and paraclinical investigations 4. The ability to conceive a therapeutic algorithm for a specific condition 5. The ability to apply and interpret the practical and theoretical aspects of Internal Medicine in an interdisciplinary approach with other clinical fundamental disciplines and especially with Dental Medicine, knowing the dental relevance of the disease 6. The ability to recognize and to diagnose the main Internal Medicine emergencies, emergency approach, and adapting the dental therapeutic plan
Competențe transversale	<ol style="list-style-type: none"> 1. Concerning for professional improvement by training the abilities of critical thinking proved by active participation to courses and clinical practices, projects; 2. Active involvement in the scientific research activity by elaborating studies, specialty articles; 3. Efficient utilization of informational sources and communication resources and assisted professional forming (portals on Internet, specialty software applications, databases, on-line courses etc).

7. Obiectivele disciplinei (reieșind din competențele specifice acumulate)

7.1 Obiectivul general al disciplinei	- Gaining the fundamental knowledge of Internal Medicine
7.2 Obiectivele specifice	<ul style="list-style-type: none"> - Knowledge and understanding of specific terminology - Explaining the presence of the symptoms and signs, and changes found at paraclinical examinations in a specific condition - Differentiating between the main diseases included in the Internal Medicine Discipline - Understanding the diagnostic methods and evaluation of the patient's clinical status - Ability to elaborate and appropriate treatment for the principal conditions that were taught - The recognition of the dental relevance of the disease and an adequate approach, based on clinical thinking and prioritizations of the patient's medical needs

8. Conținuturi

8.1 Curs	Metode de predare	Număr de ore	Observații
1. Acute bronchitis. Chronic obstructive pulmonary disease. Bronchial asthma. Pneumonia.	Interactive lecture	2	1. Oral lecture performed using interactive Powerpoint presentations accompanied with a rich and suggestive iconography 2. The taught material is reviewed and completed with the most recent information relevant for Internal Medicine
2. Pleural effusions. Lung cancer		2	
3. Acute rheumatic fever. Mitral stenosis. Mitral regurgitation. Aortic stenosis. Aortic regurgitation		2	
4. Infective endocarditis. Myocarditis. Acute and chronic pericarditis		2	
5. Arterial hypertension. Stable angina pectoris. Acute myocardial infarction.		2	
6. Ischemic heart failure. Sinus bradycardia. Sinus arrhythmias.		2	
7. Supraventricular extrasystoles. Atrial tachycardias. Atrial flutter.		2	
8. Atrial fibrillation. Atrio-ventricular		2	

block. Heart failure			specialty.
9. Diabetes mellitus. Hyper- and hypoglycemic comas		2	3. Each course starts by presenting the educational objectives and ends with summarising the presented knowledge.
10. Dyslipidemias. Obesity. Hyperuricemia		2	
11. Iron-deficiency anemia. Pernicious anemia. Aplastic anemia. Hemophilia		2	
12. Acute leukemia. Hodkin's disease. Idiopathic thrombocytopenic purpura.		2	
13. Gastroesophageal reflux disease. Esophageal cancer. Gastritis		2	
14. Gastroesophageal reflux disease. Esophageal cancer. Gastritis		2	
15. Peptic ulcer. Gastric cancer. Irritable bowel syndrome. Colonic diverticulosis. Inflammatory bowel diseases		2	
16. Colorectal cancer. Early digestive cancers. Chronic hepatitis (viral, toxic, autoimmune).		2	
17. Alcoholic liver. Hepatic cirrhosis (viral, biliary, cardiac)		2	
18. Cholecystitis. Acute and chronic pancreatitis. Pancreatic cancer			
19. Practical classification of the renal diseases. Acute glomerulonephritis. Chronic primitive glomerulonephritis. Secondary glomerulonephritis (diabetic, lupus, amyloid).		2	
20. Nephrotic syndrome. Urinary tract infections. Acute and chronic pyelonephritis. Acute renal failure. Chronic renal failure		2	
21. Endocrinology		2	
22. Endocrinology		2	
23. Endocrinology		2	
24. Phthisiology		2	
25. Phthisiology		2	
26. Phthisiology		2	
27. Rheumatoid arthritis. Ankylosing spondylitis. Systemic lupus erythematosus		2	
28. Systemic scleroderma. Chronic degenerative rheumatism		2	
Bibliografie obligatorie: 1. Anil K. Tripathi, Kamal K. Sawlani. Essentials of medicine for dental students, second edition. JAYPEE BROTHERS MEDICAL PUBLISHERS (P) LTD, 2011 2. Crispian Scully. Medical problems in dentistry, sixth edition. Churchill Livingstone Elsevier Bibliografie facultativă: 1. Parveen Kumar, Michael Clark. Essential of Kumar and Clark's clinical medicine, fifth edition. Saunders Elsevier Publisher, 2011 2. Parveen Kumar, Michael Clark. Clinical medicine, eighth edition. Saunders Elsevier Publisher, 2012			

3. Kasper, Fauci, Hauser et al. Harrison's principles of internal medicine, 19 th edition. McGraw-Hill Education, 2015			
8.2 Seminar/ Laborator /stagiu/ proiect	Metode de predare- învățare	Număr de ore	Observații
1. Specific characteristics of anamnesis in internal medicine for dentistry. Algorithm of case presentation	Interactive lecture + debate + case presentations	2	1. Oral lecture performed using interactive Powerpoint presentations 2. Presenting the paraclinical investigation methods (laboratory, functional, imaging, endoscopic etc) using tables, schemes, diagnostic algorithms, for the purpose of getting familiar and remember the most important lab test and paraclinical investigation for a specific pathology. 3. Indications, contraindications, methodology and interpretation of the results of different current investigational techniques. 4. Presenting typical examples of lab test and paraclinical exams for a specific condition, and interactive discussion on clinical cases each clinical practice. 5. Verifying the acquisition of the main taught knowledge by using
2. Chronic bronchitis and pulmonary emphysema		2	
3. Pneumonia. Lung cancer		2	
4. Valvular diseases		2	
5. Ischemic cardiopathy		2	
6. Arterial hypertension.		2	
7. Arrhythmias		2	
8. Diabetes mellitus		2	
9. Dyslipidemias. Obesity.		2	
10. Esophageal diseases		2	
11. Peptic gastric/duodenal ulcer.		2	
12. Gastric and colorectal cancer		2	
13. Inflammatory bowel diseases		2	
14. Early digestive cancers		2	
15. Chronic viral hepatitis		2	
16. Hepatic cirrhosis. Cholecystitis. Galbladder stones		2	
17. Iron-deficiency anemia. Megaloblastic anemia.		2	
18. Glomerulonephritis.		2	
19. Urinary tract infections. Nephrotic syndrome		2	
20. Oral changes in diseases of Internal Medicine		2	
21. Endocrinology clinical practice		2	
22. Endocrinology clinical practice		2	
23. Endocrinology clinical practice		2	
24. Phthysiology clinical practice		2	
25. Phthysiology clinical practice		2	
26. Phthysiology clinical practice		2	
27. Chronic degenerative rheumatism. Rheumatoid arthritis. Collagen vascular diseases		2	
28. Rehearsal		2	

			simple/multiple choise questions at the end of clinical practice.
Bibliografie obligatorie: 1. Anil K. Tripathi, Kamal K. Sawlani. Essentials of medicine for dental students, second edition. JAYPEE BROTHERS MEDICAL PUBLISHERS (P) LTD, 2011 2. Crispian Scully. Medical problems in dentistry, sixth edition. Churchill Livingstone Elsevier Bibliografie facultativă: 4. Parveen Kumar, Michael Clark. Essential of Kumar and Clark's clinical medicine, fifth edition. Saunders Elsevier Publisher, 2011 5. Parveen Kumar, Michael Clark. Clinical medicine, eighth edition. Saunders Elsevier Publisher, 2012 Kasper, Fauci, Hauser et al. Harrison's principles of internal medicine, 19 th edition. McGraw-Hill Education, 2015			

9. Coroborarea conținuturilor disciplinei cu așteptările reprezentanților comunităților epistemice, asociațiilor profesionale și angajatori reprezentativi din domeniul aferent programului

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10. Evaluare

Tip activitate	10.1 Criterii de evaluare	10.2 Metode de evaluare	10.3 Pondere din nota finală
10.4 Curs	<i>Cunoștințe pentru nota 5:</i> 60% of the maximal score from the standard of knoledge <i>Cunoștințe pentru nota 10:</i> 95% of the maximal score from the standard of knoledge	<i>Final assessment:</i> multiple choise test with 100 questions	50%
10.5 Laborator/Stagiu	<i>Cunoștințe pentru nota 5:</i> 50% of the maximal score <i>Cunoștințe pentru nota 10:</i> 90% of the maximal score	<i>Evaluare continuă:</i> Student`s activity during clinical practices <i>Final assessment:</i> practical exam	10% 40%
10.6 Standard minim de performanță			
Knowledge of the terminology and understanding the basic <i>elements</i> of Internal Medicine. Recognizing the patognomonic changes in the most important diseases of this specialty			

Data completării	Semnătura titularului de curs	Semnătura titularului de laborator/stagiu 1..... 2.....
Semnătura Sefului de disciplină		

Data avizării în departament	Semnătura directorului de departament Prof. Dr.
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Notă:

- 1) Domeniul de studii - *se alege una din variantele:* Licență/ Masterat/ Doctorat (**se completează conform cu Nomenclatorul domeniilor și al specializărilor/ programelor de studii universitare în vigoare**) ;
- 2) Ciclul de studii - *se alege una din variantele:* Licență/ Master/ Doctorat;
- 3) Regimul disciplinei (conținut) - *se alege una din variantele:* **DF** (disciplină fundamentală)/ **DD** (disciplină din domeniu)/ **DS** (disciplină de specialitate)/ **DC** (disciplină complementară) - *pentru nivelul de licență*; **DAP** (disciplină de aprofundare)/ **DSI** (disciplină de sinteză)/ **DCA** (disciplină de cunoaștere avansată) - *pentru nivelul de masterat*;
- 4) Regimul disciplinei (obligativitate) - *se alege una din variantele:* **DI** (disciplină obligatorie)/ **DO** (disciplină opțională)/ **DFac** (disciplină facultativă);
- 5) Un credit este echivalent cu 25 – 30 de ore de studiu (activități didactice și studiu individual).
- 6) Pentru specializările și/sau disciplinele a căror tematică se regăsește în bibliografia de rezidențiat, aceasta devine obligatorie.