

DISCIPLINE SHEET
ACADEMIC YEAR
2022 – 2023

1. DATA ABOUT THE STUDY PROGRAM

1.1 Institution of higher education	UNIVERSITY OF MEDICINE AND PHARMACY OF CRAIOVA
1.2 Faculty	MEDICINE
1.3 Department	4
1.4 Study Domain	HEALTH
1.5 Study cycle	LICENCE
1.6 Study program/ Qualification	MEDICINE

2. DATA ABOUT THE DISCIPLINE

2.1 DISCIPLINE NAME	MEDICAL SEMIOLOGY		
2.2. Discipline code	MED 31201		
2.3 The holder of course activities	Professor MITRUȚ PAUL Professor FORȚOFOIU MIRCEA-CĂTĂLIN Associate Professor TUDORAȘCU DIANA-RODICA Lecturer AMZOLINI ANCA-MARIA Lecturer BERBECARU-IOVAN SORIN Lecturer MĂRGINEAN CRISTINA-MARIA Lecturer MICU ELENA-SIMONA Lecturer MITĂ ADRIAN Lecturer PĂDUREANU VLAD Lecturer PÎRVU DANIEL		
2.4 The holder of seminar activities	Dr. MITRUȚ PAUL, Dr. FORȚOFOIU MIRCEA-CĂTĂLIN, Dr. TUDORAȘCU DIANA-RODICA, Dr. AMZOLINI ANCA-MARIA, Dr. BARĂU ABU-ALHIJA ANCA, Dr. BERBECARU-IOVAN SORIN, Dr. MĂRGINEAN CRISTINA-MARIA, Dr. MICU ELENA-SIMONA, Dr. MITĂ ADRIAN, Dr. PĂDUREANU VLAD, Dr. PÎRVU DANIEL, Dr. FIRU DAN MIHAI		
2.5. Academic degree	Professor, Associate Professor, Lecturer, Assistant Professor, PhD student		
2.6. Employment (base norm/associate)	Base norm		
2.7. Year of study	III	2.8. Semester	I+II
		2.9. Course type (content)	CDD
		2.10. Regime of discipline (compulsoriness)	

3. TOTAL ESTIMATED TIME (teaching hours per semester)

3.1. Number of hours per week	Sem. I: 7 hours Sem. II: 7 hours	3.2 From which course	Sem. I: 3 hours Sem. II: 3 hours	3.3 seminary/laboratory	Sem. I: 4 hours Sem. II: 4 hours	
3.4. Total hours in curriculum	Sem. I: 98 hours Sem. II: 98 hours	3.5 From which course	Sem. I: 42 hours Sem. II: 42 hours	3.6 seminary/laboratory	Sem. I: 56 hours Sem. II: 56 hours	
Time found distribution (hours)					Sem. I	Sem. II
Study by manual, course support, bibliography, and notes					10	25
Additional documentation in the library, specialized electronic platforms and, on the field					8	14
Training seminars / labs, homework, reports, portfolios, and essays					10	25
Tutoring					2	2
Examinations					6	12
Other activities, counselling, student circles					16	24
3.7 Total hours of individual study	154 hours	Sem. I: 52	Sem. II: 102			
3.9 Total hours per semester	Sem. I: 150 hours Sem. II: 200 hours					
3.10 Number of credits	Sem. I: 7 Sem. II: 8					

4. PREREQUISITES (where appropriate)

4.1 curriculum	Students must have thorough knowledge of the anatomy, biochemistry, biophysics, cell biology, physiology.
4.2 competency	-

5. CONDITIONS (where appropriate)

5.1. of course deployment	Classroom, methods of projection/online platform
5.2. of seminary/ lab deployment	Prepare in advance by individual study. Medical Clinic/UMF Simulation Center/ online platform

6. SPECIFIC COMPETENCES ACCRUED

PROFESSIONAL COMPETENCES	<p>C1. Identification the disease status and establishing the correct diagnosis.</p> <p>C2. Designing and implementing of a treatment plan appropriate for identified condition (diseases).</p> <p>C3. Correct assessment of disease risk and context of occurrence of an individual / collective disease, followed by the selection and application of appropriate prophylaxis measures.</p> <p>C4. To address health issues/illness from the perspective of community specifics, directly related to the social, economic and/or cultural specific to community.</p> <p>C5. To initiate and conduct a scientific research activity and / or a training activity inside the field of competence.</p>
TRANSVERSAL COMPETENCES	<p>CT1. Autonomy and responsibility</p> <ul style="list-style-type: none"> • the acquisition of moral reference points, the formation of professional and civic attitudes, that will allow to the students to be fair, honest, helpful, understanding, unconflictuals, to cooperate and to be comprehensive in the face of suffering, to be available to help people, and to be interested in community development; • to know, to respect and to contribute to the development of moral values and professional ethics; • to learn how to recognize the problems when they arise, and provide solutions for solving them. <p>CT2. Social interaction</p> <ul style="list-style-type: none"> • to recognize and to have respect for diversity and multiculturalism; • to have or to learn how to develop teamwork skills; • to communicate orally and in writing the manner of work requirements, the obtained results, to consult with the team; • to engage themselves in voluntary activities, to know the essential problems of the community. <p>CT3. Personal and professional development</p> <ul style="list-style-type: none"> • to have opening to lifelong learning, • to be aware for self-study as a basis of personal autonomy and professional development; • to derive the optimum and creative potential in their own collective activities; • to know how to use information and communication technologies.

7. DISCIPLINE OBJECTIVES (based on the grid of specific competences acquired)

7.1 The general objective of the discipline	<p>- gaining theoretical and practical knowledge required for the operation of a medical practitioner for future understanding semiological elements specific to each appliance and the system.</p> <p>- acquiring the knowledge necessary for understanding the fundamental concepts of medical semiology.</p>
7.2 The specific objectives of the discipline	<p>- interpretation and analysis of the data with application in the education process;</p> <p>- getting to know necessary phone conversation with the patient, for the purpose of drawing up of the sheet of correct observation;</p> <p>- making history and objective examination of the patient;</p> <p>- recognition, ranking and interpretation of the main symptoms of the disease;</p> <p>- the classical methods of physical examination for highlighting, the recognition and interpretation of main clinical signs of disease;</p> <p>- knowledge of terminology, data and specific syndromes semiological aspects and methods of investigation;</p> <p>- knowledge and use of a minimum set of investigations (by the laboratory, task is and morphological characteristics), required confirmation of positive diagnosis;</p> <p>- development of communication skills semiological issues;</p> <p>- understanding how to approach the clinical pathology various systems and appliances;</p> <p>- implementation of various manipulations and maneuvers including: collection and shipment to the laboratory: blood, sputum, nasopharyngeal exudate, stool, urine, secretions pathological (wound, drainage tube, etc.), sampling desquamated cells (for cytology) or pathological tissue (biopsy) puncture the peritoneal (abdominal), pleural puncture, lumbar puncture, pericardial puncture, spinal puncture.</p> <p>- interpretation of medical tests;</p> <p>- haematological exploration including exploration coagulation;</p> <p>- exploring biochemical (blood, urine, pleural fluid, pericardial fluid, CSF, ascites);</p> <p>- biochemical interpretation of urine;</p> <p>- supervision of patients, the curves of temperature, pulse, respiration, BP, urine output, stool, vomiting, sputum.</p> <p>- performing intradermal injection treatments, subcutaneous, intramuscular, intravenous.</p> <p>- the infusion and transfusion;</p> <p>- development of clinical reasoning and plan laboratory investigations in different</p>

	<p>conditions;</p> <ul style="list-style-type: none"> - ability to seek and concepts in the field itself; - supported employment for achieving scientific approach and detect various medical problems; - recognition of major syndromes and diseases of the musculoskeletal, respiratory, cardiovascular, digestive, renal, blood, metabolic, endocrine and nervous system; - recognition of basic skin lesions; - evaluation of patients with fever arthritis, rheumatoid arthritis, ankylosing spondylitis - etiological evaluation of the patient with lymphadenopathy; - assessment and patient follow megaloblastic anemia, hemolytic posthaemorrhagic acute iron deficiency anemia; - conduct practice anemic syndrome; - recognize signs of chronic myeloproliferative and lymphoproliferative syndrome; - conduct emergency hypoglycemic coma and coma hyperglycemic; - assessment of complications and comorbidities in diabetes. - evaluation of patients with hemorrhagic syndrome; - evaluation of patients with changes in consciousness; - liver function; - diagnostic evaluation of patients with gastric and duodenal ulcers; - recognize signs of acute diffuse peritonitis; - recognition criteria of severity of pancreatitis; - recognition of portal hypertension syndrome; - recognition and measurement of jaundice syndrome; - recognition of asthma attacks and conduct emergency; - radiological changes in pneumonia; - evaluation of acute respiratory failure, maneuvers used in case of upper airway obstruction; - ECG - normal route, technique, indications; - electrocardiographic diagnosis of supraventricular and ventricular rhythm disorders (TPSV, flutter, atrial fibrillation) and ventricular tachycardia, ventricular fibrillation and flutter); - electrocardiographic assessment of myocardial ischaemia; - echocardiography - indications and methods of examination; - recognize signs of heart failure; - evaluation of patients with acute pulmonary edema and cardiac asthma; conduct emergency; - conduct emergency acute coronary syndrome; - recognition of acute myocardial infarction and angina typical; - accurate risk factors and coronary heart disease aggravating conditions; algorithm stratification of cardiovascular risk; - hypertensive patient evaluation of the patient with hypotension; - recognition of hypertensive crisis; conduct emergency; - recognize signs of deep vein thrombosis; - recognizing signs of acute or chronic peripheral ischemia; - evaluation of patients with infective endocarditis; - recognition of signs of acute nephritic syndrome; - recognize signs in acute and chronic renal failure and laboratory evaluation; - teaching the basic clinical reasoning, to develop a complete and correct positive diagnosis (etiology, functional, evolutionary and complications).
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8. CONTENTS

8.1 Course (content units)	Nr. ore
FIRST SEMESTER	
SI.C1. GENERAL NOTIONS OF MEDICAL SEMIOLOGY. The definition and object of semiology. Clinical symptom and sign, syndrome, disease and diagnosis. Clinical observation sheet, anamnesis and objective examination. The classic general symptoms in semiology: fever, chills, sweating, headache, dizziness, vertigo, asthenia, fatigue, itching.	3
SI.C2. GENERAL NOTIONS OF MEDICAL SEMIOLOGY. Constitutional types, facies, position and attitude of the patient, height-weight changes, semiology of skin and mucous membranes, edema, adenopathy, splenomegaly..	3
SI.C3. SEMIOLOGY OF THE MUSCLE AND BONE SYSTEM. Anamnesis, objective examination, paraclinical exploration, muscle pathology: dystrophies, myopathies, myotonic disorders, polymyositis and dermatomyositis, myasthenia gravis. Bone semiology - anamnesis, objective examination, paraclinical exploration, bone pathology: osteomyelitis, osteoporosis, osteomalacia, rickets, Paget's disease, bone tumors.	3

SI.C4. ARTICULAR AND CONNECTIVE TISSUE SEMIOLOGY. Anamnesis, objective examination, paraclinical exploration. Acute articular rheumatism, rheumatoid polyarthritis, Sjögren's syndrome, seronegative spondylarthropathies.	3
SI.C5. ARTICULAR AND CONNECTIVE TISSUE SEMIOLOGY. Behçet's syndrome, systemic lupus erythematosus, dermatomyositis and polymyositis, infectious arthritis, microcrystal-induced arthritis, arthrosis.	3
SI.C6. HEMATOLOGICAL SEMIOLOGY. Anamnesis and objective examination: symptomatology, objective examination, semiology of the spleen, semiology of the lymph node system. Paraclinical exploration in hematology.	3
SI.C7. HEMATOLOGICAL SEMIOLOGY. Anemic syndromes, porphyrias.	3
SI.C8. HEMATOLOGICAL SEMIOLOGY. Hemorrhagic syndromes.	3
SI.C9. HEMATOLOGICAL SEMIOLOGY. Acute leukemias. Myeloproliferative syndrome. Lymphoproliferative syndrome.	3
SI.C10. SEMIOLOGY OF THE RESPIRATORY APPARATUS. Anamnesis. Physical examination of the respiratory system. Paraclinical exploration of the respiratory system.	3
SI.C11. SEMIOLOGY OF THE RESPIRATORY APPARATUS. Bronchial syndromes: bronchitic syndrome, alveolar distension syndrome. Conical obstructive bronchopneumopathy (acute bronchitis, chronic bronchitis). Alveolar distension syndrome (bronchial asthma, pulmonary emphysema).	3
SI.C12. SEMIOLOGY OF THE RESPIRATORY APPARATUS. Pulmonary condensation syndrome (retractile, non-retractile). Bronchopulmonary suppuration syndromes. Cavitation syndromes. The clinical syndrome of interstitial pneumonia. Clinical syndrome of pulmonary hydatid cyst. The clinical syndrome of lung tumors.	3
SI.C13. SEMIOLOGY OF THE RESPIRATORY APPARATUS. Diffuse fibrosing interstitial pneumonias. Pleural syndromes Mediastinal syndrome. Diaphragmatic syndrome.	3
SI.C14. SEMIOLOGY OF THE RESPIRATORY APPARATUS. Respiratory failure. Pulmonary arterial hypertension syndrome. Pulmonary cord.	3
SECOND SEMESTER	
SI.C1. SEMIOLOGY OF THE CARDIOVASCULAR SYSTEM. Patient history with cardiovascular disease. Clinical examination of the patient with cardiovascular disease.	3
SI.C2. SEMIOLOGY OF THE CARDIOVASCULAR SYSTEM. Infectious endocarditis. Valvular syndromes (mitral stenosis, mitral insufficiency, mitral valve prolapse, aortic stenosis, aortic insufficiency, tricuspid insufficiency, stenosis and pulmonary insufficiency). Semiology of congenital heart diseases.	3
SI.C3. SEMIOLOGY OF THE CARDIOVASCULAR SYSTEM. Semiology of rhythm and conduction disorders: sinus arrhythmias, atrial arrhythmias, ventricular arrhythmias, paroxysmal tachycardias, preexcitation syndrome, sinoatrial blocks, atrioventricular blocks, intraventricular conduction disorders, fascicular blocks.	3
SI.C4. SEMIOLOGY OF THE CARDIOVASCULAR SYSTEM. Myocardial syndromes. Myocarditis. Semiology of myocardial ischemia: ischemic heart disease, exertional angina pectoris, unstable angina, acute myocardial infarction. Cardiomyopathies (dilated, hypertrophic, restrictive, right ventricular arrhythmogenic, unclassified).	3
SI.C5. SEMIOLOGY OF THE CARDIOVASCULAR SYSTEM. Semiology of the pericardium. Acute pericarditis syndrome, cardiac tamponade, chronic pericarditis. Essential and secondary arterial hypertension. Hypotension. Heart failure (left, right and global).	3
SI.C6. SEMIOLOGY OF THE CARDIOVASCULAR SYSTEM. Semiology of the aorta (aneurysms, dissections, aortitis, occlusions). Semiology of peripheral arteries. Arterial syndromes: acute peripheral arterial obstruction, arteriopathy obliterans of the lower limbs, thrombangitis obliterans, vascular functional disorders. Semiology of peripheral veins: deep venous thrombosis, superficial thrombophlebitis, postthrombotic syndrome, varicose veins, chronic venous insufficiency.	3
SI.C7. SEMIOLOGY OF THE DIGESTIVE SYSTEM. Symptomatology, objective clinical examination of the digestive tube and accessory glands.	3
SI.C8. SEMIOLOGY OF THE DIGESTIVE SYSTEM. Paraclinical exploration of the digestive tract and accessory glands. Semiology of the esophagus.	3
SI.C9. SEMIOLOGY OF THE DIGESTIVE SYSTEM. Semiology of the stomach and duodenum. Semiology of the small intestine, colon and anorectal region. Semiology of the peritoneum.	3
SI.C10. SEMIOLOGY OF THE DIGESTIVE SYSTEM. Semiology of the liver, gallbladder and bile ducts.	3
SI.C11. SEMIOLOGY OF THE DIGESTIVE SYSTEM. Pancreas semiology. Diabetes mellitus.	3
SI.C12. SEMIOLOGY OF THE RENO-URINARY SYSTEM. Anamnesis, objective clinical examination, paraclinical exploration.	3
SI.C13. SEMIOLOGY OF THE RENO-URINARY SYSTEM. The main clinical renal syndromes. Glomerular nephropathy syndrome. Interstitial nephropathy syndrome.	3
SI.C13. SEMIOLOGY OF THE RENO-URINARY SYSTEM. The main clinical renal syndromes. Tubular syndromes. Vascular nephropathies. Hereditary nephropathies. Acute and chronic renal failure.	

BIBLIOGRAFIE

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3. Sinopsis de medicină. Latha Ganti, David Lebowitz, Javier Rosario, Ariel Vera Cristina Oana Mărginean, Cătălina Poiană – coordonatorii ediției în limba română, Ediția a 5-a, Editura Hipocrate, București, 2021.
4. Harrison. Principiile medicinei interne Volumul I + Volumul al II-lea + DVD. Anthony S. Fauci, Dan L Longo. Ediția a 19-a, Editura ALL Medicina, 2022
5. Harrison. Manual de Medicină. Dan L. Longo, Anthony S. Fauci, Dennis L. Casper, Stephen L. Casper, J. Larry Jameson, Joseph Loscalzo. Ediția a 18-a. Editura ALL, 2014
6. Harrison. Pneumologie și Terapie intensive. Dan L. Longo, Anthony S. Fauci, Dennis L. Casper, Stephen L. Casper, J. Larry Jameson, Joseph Loscalzo. Ediția a 18-a. Editura ALL, 2017
7. Harrison. Gastroenterologie și Hepatologie. Dan L. Longo, Anthony S. Fauci, Dennis L. Casper, Stephen L. Casper, J. Larry Jameson, Joseph Loscalzo, Carol A. Langford. Editura ALL, Ediția III-a, 2017
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11. Taylor. Manual de diagnostic diferențial semne și simptome în diagnosticul contracronometru. Paul M. Paulman, Audrey A. Paulman, Jeffrey D. Harrison, Laeth Nasir, Kimberly Jarzynka. Ediția a III-a. Editura ALL, 2016
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14. Repertuar de simptome. Keith Hopcroft, Vincent Forte. Editura ALL, 2015
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20. Firestein & Kelley's Textbook of Rheumatology, 2-Volume Set. Gary S. Firestein, Ralph C. Budd, Gabriel Sherine MD MSc Dr. McInnes IainB PhD FRCP FRSE FMedSci Professor O'Dell James R MD Dr. Editura Elsevier - Health Sciences Division, 2020
21. Murray & Nadel's Textbook of Respiratory Medicine, 2-Volume. V.Courtney, Broaddus Joel D Ernst, Talmadge E King Jr Stephen C. Lazarus Kathleen F. Sarmiento Lynn M. Schnapp, Renee D Stapleton, Michael B. Gotway. Editura Elsevier - Health Sciences Division, 2020.
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30. Hematologie clinică în practica medicală. Daniel Coriu, Editura Medicală, 2021
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8.2 Practical (topics/themes)	
FIRST SEMESTER	
SI.LP1. Anamnesis. Writing down the Medical History and Examination Form - practical demonstration. Temperature sheet – curves of temperature, pulse, blood pressure, diuresis. The method of drawing curves. Practical application.	4
SI.LP2. General symptoms: fever, headache, asthenia, diaphoresis, itching, thirst, equilibrium disorders, pain. Patient exemplification.	4
SI.LP3. Objective exam methods - practical demonstration. Current investigations. General inspection, statutory changes, constitutional types. Face Examination and some types of facies. Patient bed exemplars.	4
SI.LP4. Skin, mucosa and nails examination. The pallor and redness of the skin, the cyanosis, the icterus, the pigmentary disorders, the cutaneous lesions. The hair and nail disorders. Subcutaneous cellular tissue exam. General regional and localised edema. Body weight disorders: obesity and weight. Patient exemplification.	4
SI.LP5. Physical examination of muscle, bones and joints - practical demonstration. Case reports of patients with rheumatic diseases: rheumatic fever, rheumatoid arthritis, seronegative spondyloarthropathies, gout, psoriatic arthritis and arthrosis.	4
SI.LP6. Case reports of patients with major collagenosis. Examination of lymphatic nodes - practical demonstration. Main adenopathy types and the investigation methods used in their evaluation.	4
SI.LP7. Anamnesis, physical exam and the investigation methods in blood's diseases - practical demonstration. Case reports of patients with different types of anemia.	4
SI.LP8. Spleen examination, splenomegaly - practical demonstration. Case reports of patients with leukemia, chronic mieloproliferative syndromes, limfoproliferative syndromes and hemorrhagic syndromes.	4
SI.LP9. Case reports of patients with different types of blood's disease.	4
SI.LP10. Anamnesis and symptoms in respiratory diseases. History taking speciality: chest pain, dyspnea, cough, expectoration, hemoptysis Respiratory system physical examination - practical demonstration (inspection, palpation, percussion, lung auscultation).	4
SI.LP11. Investigation methods of the respiratory diseases: chest imaging, thoracocentesis, bronchoscopy, percutaneous needle biopsy of pleura, lung scintigraphy. Pulmonary function testing. Case reports of patients with bronchitis syndromes, alveolar distension syndromes - asthma, pulmonary emphysema.	4
SI.LP12. Case reports of patients with pulmonary condensation (retractile and nonretractile) syndromes, malignant and benignant pulmonary tumors.	4
SI.LP13. Case reports of patients with pleural syndromes. Pleural puncture - practical demonstration. Pleural liquid examination – exemplifications.	4

SI.LP14. Case reports of patients with bronhopulmonary suppuration syndromes, cavity syndrome, acute and chronic respiratory failure. Mediastinal syndrome and pulmonary hypertension clinical manifestation and investigation methods.	4
SECOND SEMESTER	
SI.LP1. Anamnesis and symptoms in cardiovascular diseases. Cardiovascular system physical examination and investigation methods - practical demonstration.	4
SI.LP2. Case reports of patients with valvulopathies and congenital cardiopathies. ECG interpretation.	4
SI.LP3. Case reports of patients with arrhythmia and conduction disorders. ECG interpretation.	4
SI.LP4. Case reports of patients with stable angina, unstable angina, myocardial infarction and cardiomyopathies.	4
SI.LP5. Case reports of patients with pericardial diseases. Pericardic puncture.	4
SI.LP6. Case reports of patients with arterial hypertension and hypotension.	4
SI.LP7. Case reports of patients with cardiac failure, arterial syndromes and venous syndromes.	4
SI.LP8. Anamnesis and local symptoms in gastrointestinal diseases. Digestive system physical exam and investigation methods - practical demonstration. Case reports of patients with esophageal syndrome, dyspeptic syndrome, gastritic syndrome and ulcerous syndrome.	4
SI.LP9. Case reports of patients with constipation, diarrhea and anorectal syndrome.	4
SI.LP10. Anamnesis in liver diseases. Physical examination of the liver - practical demonstration. Hepatomegaly, atrophic liver, investigation methods – patient exemplification.	4
SI.LP11. The icteric syndrome. The portal hypertensive syndrome. Ascitis. The liver failure syndrome. The portosystemic encephalopathy: patient exemplification. Abdominal puncture - practical demonstration.	4
SI.LP12. Anamnesis in biliary diseases: physical examination and investigation methods, anamnesis in pancreatic diseases, physical examination, investigation methods - practical demonstration. Case reports of patients with biliary syndromes and pancreas syndromes.	4
SI.LP13. Anamnesis and symptoms in renal diseases. Renal system physical examination and investigation methods - practical demonstration.	4
SI.LP14. Case reports of patients with different renal diseases: the glomerular diseases; acute nephritic syndrome; poststreptococcal glomerulonephritis; chronic glomerulonephritis, nephritic syndrome, acute and chronic tubulointerstitial nephritis; acute and chronic renal failure, urinary calculi; hypernephroma (carcinoma of the kidney).	4
BIBLIOGRAPHY Same with the course bibliography.	

9. CORROBORATING THE DISCIPLINE CONTENT WITH THE EXPECTATIONS OF EPISTEMIC COMMUNITY REPRESENTATIVES, PROFESSIONAL ASSOCIATIONS AND EMPLOYEE REPRESENTATIVES RELATING TO THIS PROGRAM

Medical Semiology is a fundamental discipline important for a student to become a doctor. Knowledges, clinical practice and attitudes learned in this discipline offer a base of study for the pathological processes that will be detailed in other disciplines, and represent the basis for a proper understanding and acquire of any medical preventive maneuver, or useful for diagnosis, treatment or rehabilitation.

10. METHODOLOGICAL LANDMARKS

Types of activity	Teaching Techniques / learning materials and resources: interactive lectures, presentations, group study, learning through problems / projects, audio / video recordings, etc.
Course	The following methods are used: debate, lectures, problem solving etc.
Practical work	Combined methods: case studies, practical applications etc.
Individual study	Before every lecture and clinical practice.
	In special situations (lock down, state of emergency, other situations that will limit physical presence of people), the activity can be performed online, using informatic platforms agreed by Faculty/University. The online education process will be permanent adapted in order to provide the implementation of all objectives required in the discipline sheet.

11. RECOVERY PROGRAM

	No. absences that can be recovered	Place of deployment	Period	In charge	Scheduling of topics
Absences recoveries	3	Internal Medicine Clinic II, Emergency County Hospital Craiova; Internal Medicine Clinic II "Philanthropy" Craiova Hospital/online platform	Friday 8 ⁰⁰ – 12 ⁰⁰ The last 2 weeks of the semester	Group teacher	In accordance with the practical work schedule and the students' program

Schedule consultations / Students' Scientific Circle	2 h/week	Internal Medicine Clinic II, Emergency County Hospital Craiova; Internal Medicine Clinic II "Philanthropy" Craiova Hospital/online platform	Weekly	All teachers	Depending on the topics proposed in the discipline and in relation to the student's requests.
Program for under trained students	2h/week	Internal Medicine Clinic II, Emergency County Hospital Craiova; Internal Medicine Clinic II "Philanthropy" Craiova Hospital/online platform	Weekly	All teachers	Depending on the difficulty of the topics in the training schedule and the students capacity for learning

12. ASSESMENT

Form of activity			Percentage of final grade
	Evaluation forms	Methods of evaluation	
Course	Formative evaluation-projects, essay, surveys during the semester Summative evaluation during the exam	Grid examination, physical or online depending on the epidemiological situation	60%
Labs	Formative evaluation -multiple choice question/ descriptive questions, projects, essays, during the semester. Periodic evaluation during the semester Summative evaluation during the exam.	Examination with physical or online presence depending on the epidemiological situation	20%
Periodic checks	-		10%
Evaluation of individual activity	-		10%
Minimal performance standard	Minimum 50% from each part of the evaluation		-

13. GUIDANCE AND COUNSELLING PROGRAMS

Professional guidance and counselling programs (2 hours/monthly)

Scheduling the hours	Place of deployment	In charge
Last Friday of each month	Internal Medicine Clinic II, Emergency County Hospital Craiova Internal Medicine Clinic II, Clinical Municipal Hospital "Philanthropy" of Craiova	Holders of course

Endorsement date in the department: 28.09.2022

Department Director,
Prof. Mitruț PAUL

Coordinator of study program,
Prof. Marius Eugen CIUREA

Discipline holder,
Prof. Mircea-Cătălin FORȚOFOIU