

DISCIPLINE SHEET
UNIVERSITY YEAR
2022-2023

1. DATA ABOUT THE PROGRAM

1.1 Higher education institution	UNIVERSITY OF MEDICINE AND PHARMACY OF CRAIOVA
1.2 Faculty	MEDICINE
1.3 Department	3
1.4 Field of study	HEALTH
1.5 The cycle of studies	LICENSE
1.6 Study program/Qualification	MEDICINE

2. DATA ABOUT THE DISCIPLINE

2.1 Name of the discipline	GERIATRICS AND GERONTOLOGY				
2.2. Discipline code	MED5212				
2.3 The owner of the course activities	IONESCU ELENA				
2.4 The holder of the seminar activities	-				
2.5. Teaching degree	Lecturer				
2.6. Enrollment (basic/associate rate)	The basic norm				
2.7. Year of study	V	2.8. Semester	II	2.9. Type of discipline (content) 2.10. Discipline regime (mandatory)	CSD

3. TOTAL ESTIMATED TIME (hours per semester of teaching activities)

3.1 Number of hours per week	1	3.2 of which: course	1	3.3 seminar/laboratory	-
3.4 Total hours from the curriculum	14	3.5 of which: course	14	3.6 seminar/laboratory	-
Distribution of time fund hours					
Study according to the textbook, course support, bibliography and notes					10
Additional documentation in the library, on specialized electronic platforms and in the field					10
Preparation of seminars/laboratories, assignments, reports, portfolios and essays					10
Tutorial					-
Review					1
Other activities: consultations, student circles					5
3.7 Total hours of individual study	36				
3.9 Total hours per semester	50				
3.10 Number of credits	2				

4. PREREQUISITES (where applicable)

4.1 of curriculum	Students must have knowledge of Anatomy, Semiology, Internal Medicine, Cardiology, Hematology, Gastroenterology, Rheumatology, Nephrology, Endocrinology, Neurology, Psychiatry.
4.2 of skills	-

5. TERMS (where applicable)

5.1. of the course	Classroom with design tools / online environment.
5.2. of conducting the seminar/laboratory	-

6. THE SPECIFIC COMPETENCES ACCUMULATED

PROFESSIONAL SKILLS	C1 - To identify the disease state and establish the correct diagnosis of the condition.
	C4 – To approach health/disease problems from the perspective of the particularities of the community, in direct relation to the social, economic and/or cultural conditions of that community.
	C5 – To initiate and carry out a scientific and/or educational research activity in his field of competence.

TRANSVERSAL COMPETENCES	<p>CT1. Autonomy and responsibility</p> <ul style="list-style-type: none"> the acquisition of moral benchmarks, formation of professional and civic attitudes, which allow students to be correct, honest, non-conflictual, cooperative, understanding in the face of suffering, available to help people, interested in the development of the community; to know, respect and contribute to the development of moral values and professional ethics; to learn to recognize a problem when it arises and to offer responsible solutions to solve it. <p>CT2. Social interaction;</p> <ul style="list-style-type: none"> to recognize and have respect for diversity and multiculturalism; to have or learn to develop teamwork skills; to communicate orally and in writing the requirements, the way of working, the results obtained, to consult with the team; to get involved in voluntary actions, to know the essential problems of the community. <p>CT3. Personal and professional development</p> <ul style="list-style-type: none"> to be open to lifelong learning, 8.1 Course (content units) to be aware of the need for individual study as the basis of personal autonomy and professional development; to optimally and creatively capitalize on their own potential in collective activities; to know how to use information and communication technology.
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7. THE OBJECTIVES OF THE DISCIPLINE (resulting from the grid of specific skills accumulated)

7.1 The general objective of the discipline	<ul style="list-style-type: none"> Acquiring the physiological changes that occur during aging and geriatric pathology from the point of view of etiology, pathogenesis, and positive diagnosis. The training of practical skills in front of the patient with geriatric diseases embodied in the development of an adequate investigation and treatment plan
7.2 The specific objectives	<p>Upon completion of the subject, the student will be able to:</p> <ul style="list-style-type: none"> Correctly identifies the diagnosis in a patient with geriatric pathology Formulate the investigation plan To correctly interpret the results of laboratory analyzes and imaging studies (EKG, EEG, heart-lung X-ray, plain abdominal X-ray, transabdominal ultrasound, upper digestive endoscopy, lower digestive endoscopy, echoendoscopy, computed tomography, magnetic resonance, etc.)

8. CONTENT

8.1 Course (content units)	Nr. ore
Definition of geriatrics and gerontology. Theories of aging. Physiological changes specific to aging.	1
Global Geriatric Assessment.	1
Osteo-articular pathology of the elderly (arthrotic disease, osteoporosis, Paget's disease, osteomalacia, femoral neck fracture).	1
Respiratory pathology of the elderly - respiratory physiology in the elderly, semiological features, acute bronchopulmonary diseases, chronic bronchopulmonary diseases	1
Cardiovascular pathology of the elderly \sphericalcap HTN, orthostatic arterial hypotension, coronary pathology, degenerative valvular pathology, rhythm disorders, heart failure, Horton temporal arteritis, peripheral arteriopathy	1
Digestive pathology of the elderly: hiatal hernia, gastro-oesophageal reflux disease, gastric ulcer, duodenal ulcer, mesenteric ischemia, entero-mesenteric infarction.	1
Renal pathology of the elderly BCR, urinary infection, catheterization bacteriuria, urinary incontinence.	1
Hematological pathology in the elderly: anemias, multiple myeloma, leukemias	1
Endocrinological pathology in the elderly: thyroid, parathyroid, pituitary pathology	1
Diabetes mellitus in the elderly.	1
Obesity/Malnutrition in the elderly.	1

Neurological pathology in the elderly: ischemic and hemorrhagic vascular accidents, Parkinson's disease	1
Mental disorders in the elderly: dementia, acute delirium, confusional syndrome.	1
Clinical case presentations.	1
<p>Mandatory BIBLIOGRAPHY</p> <ol style="list-style-type: none"> 1. The Merk Manual of Geriatrics, Ed. Merck & comp., Whitehouse Station N.J., 2000, 10th edition 2. Bălăceanu Stolnici C. - Practical Geriatrics, Medical Ed. Amaltea, Buc. 1998 3. Prada C. - Geriatrics and Gerontology, vol. I, Medical Ed., Buc 4. Romoșan I., Spiru L., Caraba Al., Timar L.- Geriatrics, vol.I, Ed. Solness, Timișoara, 2002 5. Romoșan I., Spiru L. - Geriatrics, vol.II, Ed. Solness, 2002 6. Romoșan I., Spiru L., Geriatrics – Treatise Ed „Ana Aslan Intl Academy of Aging, București”, 2004 <p>Selective Bibliography</p> <ol style="list-style-type: none"> 7. Dumitrache C., Ionescu B., Ranetti A.- Elements of Diagnosis and Treatment in Endocrinology, National Ed., 1997 8. Alexa, I.D. – “ Clinical Geriatrics”, ediția a II-a, Ed “Gr.T.Popa” U.M.F. Iași, 2006 9. Donca, V. – “ Arterial hypertension in the elderly”, Publishing House of Science Books, Cluj-Napoca 2008 10. Fillit, H.M, Rockwood, K., Woodhouse, K. – “Brocklehurst's Textbook of Geriatric Medicine and Gerontology”, 7th Edition, Saunders, 2010 11. The Romanian Society of Neurology and the Romanian Alzheimer Society - "Diagnostic and Treatment Guide in Dementia", AMALTEA Medical Publishing House, Bucharest, 2007 12. Șușan, L.M. – “Geriatric Medical Semiology”, Orizonturi Universitare Publishing House, Timisoara, 2003 	

9. CORROBRATION OF THE CONTENTS OF THE COURSE WITH THE EXPECTATIONS OF THE REPRESENTATIVES OF THE EPISTEMIC COMMUNITY, PROFESSIONAL ASSOCIATIONS AND REPRESENTATIVE EMPLOYERS FROM THE FIELD RELATED TO THE PROGRAM

<ul style="list-style-type: none"> ▪ The knowledge acquired in the Geriatrics and Gerontology discipline ensures the acquisition of correct work skills in the field of geriatrics, the formation of team spirit and a critical spirit of evaluating the elderly patient and the methods of in-hospital and home care.

10. METHODOLOGICAL REMARKS

Forms of activity	Teaching / learning techniques, materials, resources:
Cours	Lecture, synthesis, interactive learning in order to provide feedback, explain some problems highlighted by students. Power-point presentations. The presentation and interpretation of cases. "In case of the occurrence of special situations (states of alert, states of emergency, other types of situations that limit the physical presence of people) the activity can also be carried out online using computer platforms approved by the faculty/university. The online education process will be adapted accordingly to ensure the fulfillment of all the objectives provided in the discipline sheet."
Practical work	-
Individual study	Study of the bibliography, exercises, preparation of reports

11. RECOVERY PROGRAM

	No. absences that can be recovered	The venue	Period	Responsive	Programming homework
Recoveries absent	3	Classroom with design tools / online environment.	Friday – 10.00-11.00	Lecturer Dr. Ionescu Elena	Depending on the subjects the students missed
Consultation program/ student scientific circle	3	Classroom with design tools / online environment.	Vineri – 10.00-11.00	Lecturer Dr. Ionescu Elena	Depending on the needs of the students

Program for poorly prepared students	3	Classroom with design tools / online environment.	Friday – 11.00-12.00	Lecturer Dr. Ionescu Elena	În funcție de necesitățile studenților
Evaluation methods					
Grid-type exam/ grid system using the IT platform in the online version.	Forms of assessment			Weight of the final grade	
Cours	Formative assessment via essays or survey during the semester. Summative during the exam.			65 %	
Practical work	-			-	
Periodic checks	Grid system with the help of the IT platform in the online version.			20 %	
Attendance at the course				15%	
13. PROFESSIONAL GUIDANCE AND COUNSELING PROGRAMS					
Orientation and professional counseling programs (2 hours/month)					
Scheduling hours		The venue		Responsive	
Last Friday of the month, 09.00–10.00		Classroom with design tools / online environment.		Lecturer Dr. Ionescu Elena	

Endorsement date in the department: 28.09.2022

**Department director,
Professor Cristin VERE**

**Coordinator of study program,
Professor Marius Eugen CIUREA**

**Discipline holder,
Lecturer Dr. Elena Ionescu**