

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/MD

2. DATA ABOUT THE DISCIPLINE

2.1 DISCIPLINE NAME	EMERGENCIES IN CARDIOLOGY				
2.2. Discipline code	MED6112.1				
2.3 The holder of course activities	Istrătoaie Octavian, Niță Daniel, Mustafa Edme Roxana				
2.4 The holder of seminar activities	-				
2.5. Academic degree	Professor, Lecturer				
2.6. Employment (base norm/associate)	BASIC NORM				
2.7. Year of study	VI	2.8. Semester	II	2.9. Course type (content)	CRD
				2.10. Regime of discipline (compulsoriness)	

3. THE ESTIMATED TOTAL TIME (teaching hours per semester)

3.1 Number of hours per week	1	From which - course	1	seminary/laboratory	
3.4 Total hours in curriculum	14	From which - course	14	seminary/laboratory	
Time found distribution (hours)					
Study from manual, course support, bibliography, and notes					10
Additional documentation in the library, specialized electronic platforms and on the field					8
Training seminars / labs, homework, reports, portfolios, and essays					10
Tutoring					-
Examinations					4
Other activities... counselling, student scientific programs					4
3.7 Total hours of individual study	36				
3.9 Total hours per semester	50				
3.10 Number of credits	2				

4. PREREQUISITES (where appropriate)

4.1 curriculum	-
4.2 competency	-

5. CONDITIONS (where appropriate)

5.1. of course deployment	-
5.2. of seminary/ lab deployment	-

6. SPECIFIC COMPETENCES ACQUIRED

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>
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TRANSVERSAL COMPETENCES	C6. Autonomy and responsibility
	<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, unconflictual, 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.
	C7. Social interaction
	<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.
	C8. Personal and professional development
	<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	Acquiring basic knowledge about the diagnosis and treatment of major cardiovascular emergencies.
7.2 The specific objectives of the discipline	Acquiring knowledge of the main cardiovascular emergencies - epidemiology, pathophysiology, clinical and laboratory diagnosis; Knowledge and proper use of specific notions emergency medicine. Knowing the diagnostic criteria for major cardiovascular emergencies. Understanding and explaining the main pathogenic mechanisms of cardiovascular emergencies. Learning basic clinical thinking and concepts in emergency electrocardiography.

8. CONTENTS

8.1 Course (content units)	Nr. Hours
Acute heart failure, cardiogenic shock, acute pulmonary edema	2
Acute aortic dissection, cardiac tamponade	2
Acute pulmonary embolism	2
Prosthetic heart valves dysfunction, Acute mitral and aortic regurgitation	2
Systemic hypertension (primary and secondary)	2
Arrhythmogenic diseases	2
Complications and modern treatment of myocardial infarction	2
Devices in cardiovascular emergencies	2
8.2 Practical work (topics / themes)	
BIBLIOGRAPHY	
Octavian Istrătoae. Cardiovascular emergencies. Editura Medicală Universitară, Craiova, 2016	

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

<ul style="list-style-type: none"> Course content is consistent with international medical information to ensure proper training of the student, who will have basic knowledge useful in medical practice in any field.
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10. METHODOLOGICAL LANDMARKS

Types of activity	Teaching Techniques / learning materials and resources:
Course	Lectures
Practical work	Didactical conversation, practical applications, euristic conversation
Individual study	
In case of special situations (alert states, emergencies, other types of situations that limit the physical presence of people) the activity can 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 set out in the discipline sheet.	

11. RECOVERY PROGRAM					
Absences recoveries	No. absences	Location of deployment	Period	In charge	Scheduling of topics

	that can recover				
Schedule consultations / Students' Scientific Program		Centrul de Cardiologie Craiova	During program	Lecturer Mustafa Edme Roxana	Topic settled with students
Program for students poorly trained		Centrul de Cardiologie Craiova	During program	Lecturer Mustafa Edme Roxana	Topic settled with students

12. ASSESMENT

Form of activity	Assessment			Percentage of final grade
	Formative	Periodical	Summative	
Course	-	-	-	-
Practical work	-	-	-	-
Exam	-	-	written	100%
Periodic verification	-	-	-	-
Attendance at the course				

13. GUIDANCE AND COUNSELLING PROGRAMS

Professional guidance and counselling programs (2 hours/monthly)		
Scheduling the hours	Location	In charge
First tuesday of every month, at 11:00	Centrul de Cardiologie Craiova	Course holders

Endorsement date in the department: 28.09.2022

Department Director,
Prof. Paul MITRUȚ

Coordinator of study program,
Prof. Marius Eugen CIUREA

Discipline holder,
Prof. Octavian ISTRĂTOAIE