



UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE GRIGORE T. POPA IAȘI

Str. Universității nr.16, 700115, Iași, România

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SYLLABUS

1. Programme Details

1.1.	“GRIGORE T. POPA” UNIVERSITY OF MEDICINE AND PHARMACY FROM IAȘI
1.2.	FACULTY OF MEDICINE / DEPARTMENT: Surgery II
1.3.	DISCIPLINE: Emergency Medicine
1.4.	FIELD OF STUDY: HEALTH
1.5.	STUDY CYCLE: BACHELOR
1.6.	PROGRAMME OF STUDY: Medicine English

2. Discipline Details

2.1.	Name of the Discipline: Disaster Medicine and Operational Medicine - Specific for Emergency Medical Intervention						
2.2.	Teaching staff in charge with lectures: Lecturer Ovidiu Popa						
2.3.	Teaching staff in charge with seminar activities: -						
2.4. Year	IV	2.5. Semester	I	2.6. Type of evaluation	Colloquium	2.7. Discipline regimen	Optional

3. Overall Time Estimates (hours/semester of didactic activity)

3.1. Number of hours per week	2	Of which: 3.2. lectures	2	3.3. seminar/ laboratory	
3.4. Total hours in the curriculum	14	Of which: 3.5. lectures	14	3.6. seminar/ laboratory	
Distribution of time					Hours
Study time using coursebook materials, bibliography and notes					6
Further study time in the library, online and in the field					12
Preparation time for seminars / laboratories, homework, reports, portfolios and essays					12
Tutoring					2
Examinations					4
Other activities					-



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3.7. Total hours of individual study		36
3.8. Total hours / semester		50
3.9. Number of credits		2

4. Prerequisites (where applicable)

4.1. curriculum	Not necessary
4.2. competences	Not necessary

5. Conditions (where applicable)

5.1. for lecture delivery	Not necessary
5.2. for seminar / laboratory delivery	Not necessary

6. Specific Competences Acquired

Professional Competences (knowledge and skills)	The appropriate triage for multiple casualties Identifying and treating injuries that threaten the traumatized patient's life accordingly with up-to-date trauma intervention protocols
Transversal Competences (roles, personal and professional development)	Developing skills (professional-medical, leadership, stress management, communication, coordination) needed to participate as an active member of a multidisciplinary disaster response team with multiple victims. Performing a proper triage in the case of multiple casualties. Identifying and treating specific disasters in case of disasters that endanger the patient's life.

7. Objectives of the Discipline (related to the acquired competences)

7.1. General Objective	Proper triage in cases with multiple victims. Identify and immediately treat life-threatening injuries. Determining the need for resuscitation maneuvers.
7.2. Specific Objectives	Developing skills (medical, leadership, stress management, communication, coordination) Working in multidisciplinary team in case of disasters

8. Contents

8.1. Lecture	Teaching methods	Comments
1. Definition of disaster, types of disasters, pathology frequently encountered in disasters	- active - interactive - video projection	2h
2. Updating Traumatized Patient Intervention Protocols ETC, ERC, EUSEM	- active - interactive - video projection	2h
3. Triage of victims - START, Collect victims, The role of vital signs in the triage decision, Special medical triage situations.	- active - interactive - video projection	2h
4. Red Plan, White Plan, Intervention Principles, Incident control system. Communication with the media	- active - interactive - video projection	2h
5. Allocation of resources in the case of multiple casualties	- active - interactive - video projection	2h
6. Evacuation methods: made by personnel, specialized land evacuation, air evacuation. water discharge.	- active - interactive - video projection	2h

7. Extrication and immobilization of the traumatized patient;	- active - interactive - video projection	2h
8. Multiple victims accident simulation exercise.	Simulation exercise	
Bibliography		
<ol style="list-style-type: none"> 1. Emergency and Disaster Preparedness for health professionals, Linda Young Landeman. Paradigm Publishing, Montreal, 2018 2. Manuel de medicine de catastrophe, Henri Julien. Ed. Lavoiser, Paris, 2017 3. Tintinalli's Emergency Medicine: A Comprehensive Study Guide, 8e, 2017 4. Protocolul National de Triaj- Manual de aplicare, 2016 5. Ghiduri actuale in medicina de urgenta D. Cimpoesu et al, Ed. UMF Grigore T. Popa, 2019 		
8.2. Seminar / Laboratory	Teaching methods	Comments
Bibliography-		

9. Correlations between the contents of the discipline and the expectations of the epistemic community, of professional associations and of employers in the field

Knowledge and skills are set as teaching objectives and specified as such in analytical programs reviewed annually. After analysis within the discipline, these are discussed and approved within the Curriculum Bureau, in the sense of harmonization with other disciplines. Throughout this process, the correspondence between content and the expectations of the academic community, community representatives, professional associations and employers is systematically assessed, as far as possible. As a primary goal, the discipline aims to provide students with the optimal prerequisites for the next years of study in the Bachelor's degree program, in order to successfully engage, immediately after graduation, in residential programs in Romania and other EU countries.

10. Evaluation

Type of activity	10.1. Evaluation criteria:	10.2. Methods of evaluation	10.3. Percentage of final grade
10.4. Lecture	Portfolio / projects / case presentation / essays / summaries / homework	Colloquium	100%
10.5. Seminar / Laboratory	-		
Minimum standard of performance: at least grade 5 to pass the discipline			

Date: 07.05.2021

Signature of Didactic Co-ordinator
Prof. Univ. Dr. Diana Cimpoesu

Signature of Department Director
Prof. Univ. Dr. Dan Cobzeanu