

|                                     |   |         |               |
|-------------------------------------|---|---------|---------------|
| Name of discipline                  | Disaster medicine   |         |               |
| Type                                | Compulsory  | Credits | 1             |
| Academic year                       | III   |         | Semester V    |
| Number of hours                     | Course  | 10      | Practice work |
|                                     | Seminar   | 10      | Self-training |
| Component                           | Fundamental   |         |               |
| Course holder                       | DumitraşVasile, Bulgac Anatolie, Cîrstea Nicon  |         |               |
| Location                            | Blocul didactic nr. 3,<br>bd. Ştefan cel Mare şiSfânt, 194A,<br>mun. Chişinău, MD-2004,<br>Republica Moldova.   |         |               |
| Conditionings and prerequisites of: | <p>Program: Students must initially possess certain knowledge and practical skills in order to study Disaster Medicine, taking into consideration the perspective of working in the field of emergency medical care under exceptional situations, in the Republic of Moldova Civil Protection medical structures, providing medical care for the injured and the sick in case of medical evacuation liquidating the medical consequences of calamities in peace time. Students study basic medical subjects and the basis of the clinical subjects as a prerequisite before starting the subject.</p>   |         |               |
|                                     | <p>Competences:</p> <ul style="list-style-type: none"> <li>• skills confirmed in medical, biological and clinical sciences (surgery, therapy, etc.);</li> <li>• digital skills (use of the internet, processing of documents, electronic tables and presentations, etc.);</li> <li>• communication skills and team work;</li> <li>• qualities - tolerance, compassion, autonomy.</li> </ul>   |         |               |
| Mission of the discipline           | <p>Disaster Medicine is a branch of medicine, which deals with the problems related to injured medical care in disasters consequences liquidation process. It provides organization and implementation of a complex of treatment, evacuation, sanitary, hygienic and antiepidemic measures; supply of medical and technical equipment, directing the forces and means of medical service, medical staff training and recycling.</p> <p>These made possible to develop a system of medical theoretical knowledge and practical skills in order to act appropriately in exceptional situations developed as a consequence of disasters.</p> <p>Studying the basis of medical assurance of the population in exceptional situations in peace time, aims to prepare students to face theoretical and practical problems necessary to a physician to organize emergency care for the injured in case of disasters in peace time.</p> |         |               |
| Overview of the topics              | <p>Definition of disasters and their classification. Medical and tactical characteristics of outbreaks resulted from disasters.</p> <p>Role, mission and structure of Civil Protection and the Emergency Medical Service in the Republic of Moldova.</p> <p>Population protection from disasters situations in peacetime.</p> <p>Characteristic of sanitation issues caused by disasters.</p> <p>Medical identification of disaster outbreaks.</p> <p>Organizing particularities of treatment and evacuation measures in</p>  |         |               |

|                 |  |
|-----------------|--|
|                 | <p>resolving medical and sanitary consequences of the disasters.<br/> Organization of medical supply to institutions and healthcare units in disaster situations.</p>  |
| Outcomes        | <ul style="list-style-type: none"> <li>• To be able to communicate at the individual and population level, send messages and perceive the response.</li> <li>• To know, understand and use the specific terminology related to disaster medicine.</li> <li>• To identify the risk factors and the health status of the population and find out the possibility of the removal or mitigation of their effects.</li> <li>• To master the general norms of the population protection, and population education in order to protect themselves from the risk factors of a disaster.</li> <li>• To ensure security during mitigation actions of the consequences of a disaster.</li> <li>• To solve the situational problems and formulate the conclusions.</li> <li>• To determine the diagnosis for assessment of the patient's status and provide prehospital medical assistance as a result of the studies regarding the character of the possible pathologies in the regional disaster outbreak, including the ophthalmological ones.</li> </ul> |
| Clinical skills | <ul style="list-style-type: none"> <li>• to perform the medical triage of the injured in different disasters and organize the first aid, pre-medical aid and first medical aid;</li> <li>• the Republic of Moldova Civil Protection missions and organizational structure;</li> <li>• population medical insurance planning in case of disasters;</li> <li>• organization of qualified and specialized medical help for the victims;</li> <li>• general and special measures to protect the population in peace time.</li> </ul>   |
| Evaluation form | Exam   |