

# "NORTH-OSSETIAN STATE MEDICAL ACADEMY"

Ministry of Health of Russian Federation

## **Annotated program** of discipline «LIFE SAFETY»

Specialty 31.05.01 Medicine (qualification "General medicine")

### **1. The purpose** of the discipline:

The purpose of mastering the discipline "LIFE SAFETY" is the professional training of graduates of medical University to work to provide medical assistance to the affected in emergency situations of peace and war.

### **2. The place** of discipline in the structure of the educational program

Discipline "Life Safety" refers to the basic part of block 1 of the Federal State Educational Standard of Higher Education.

### **3. Requirements** for the results of the discipline:

The process of studying the discipline is aimed at the formation and development of competences (general cultural competences-GCC, professional competences – PC):

GCC -7, PC -3, PC -19.

As a result of studying the discipline, the student must **know**:

bases of ensuring and normative legal base of safety of life activity of the population;

the main factors of the habitat influencing activity of the population,

goals and objectives of health mobilization training;

tasks and organizational structure of special formations of health care

medical forces and means designed to provide medical assistance to the affected population in emergency situations;

principles of organization of medical-evacuation actions in extreme situations;

features of the organization of medical care in emergency situations and disasters in peacetime and wartime;

methods and means of protection, patients, medical personnel and property of medical organizations in emergency situations;

personal protective equipment, their physiological and hygienic assessment;

bases of the organization of medical supply of the formations and the organizations intended for elimination of consequences of emergency.

methodological and legal basis of human life safety;

risks associated with the use of modern means of armed struggle;

basic safety of society and the individual;

basic concepts, definition and classification of emergency situations;

striking factors of natural emergencies: earthquakes, floods, other natural disasters;

medical and health consequences of emergencies;

tasks and bases of the organization of the Uniform state system of prevention and liquidation of consequences of emergency situations

the basics of organization, events, and methods of population protection from hazardous factors of natural and technogenic origin;

features of development of neuropsychiatric disorders in victims, medical personnel and rescuers in emergency situations;

the basics of life safety in health care organizations;

features of the organization of medical care for children in emergency situations;

features of the organization of medical evacuation measures in the case of modern weapons;

the main provisions of regulatory legal documents on the organization of medical support of the population in emergency situations

the order of interaction of medical units and institutions in the elimination of consequences in the lesions;

**Be able to:**

use different methods of drug administration

make a preliminary diagnosis;

provide first aid in case of emergency, primary pre-medical and medical health care to victims of emergency situations;

carry out basic measures to protect the population, patients, medical personnel and property from damaging factors in emergency situations;

use medical protective equipment;

identify dangerous and harmful environmental factors affecting the safety of life of the population;

identify the main environmental hazards, assess the risk of their implementation;

to assess the medical situation in case of emergencies;

choose methods of protection against hazards;

apply methods of protection against hazards in the course of the doctor's activities;

to solve practical problems on calculation of allocation of necessary forces and means of service of medicine of catastrophes for rendering emergency medical care of the struck in emergency situations;

determine the need for medical equipment for institutions and formations intended for health care of the population and make applications for its receipt;

**to own:**

conceptual and terminological apparatus in the field of human life safety ;

proper management of medical records (fill in the primary medical record);

the algorithm of preliminary diagnosis followed by referral of the patient to the appropriate medical specialist

basic medical diagnostic and therapeutic interventions in providing primary medical health care in emergency and threatening life States of the victims in the lesions in various emergency situations;

ways of rendering the first, pre-medical and first medical aid to victims in emergency situations;

methods of evaluation of medical and tactical characteristics of lesions;

the main technical means of individual and medical protection.

methods of medical sorting in emergency situations; methods and methods of evacuation of victims in emergency situations;

algorithm for monitoring the implementation of safety rules for medical personnel and patients.

4. The total complexity of the discipline is 2 CU (72 hours).

5. Semester: 3 semester.

6. The main sections of the discipline:

1). Life safety

2). First aid for injuries and wounds

3). National security

4). Emergency situation. Unified state system of prevention and liquidation of consequences of emergency situations.

5). Mobilization training of health

**Compiled by:**

Docent of the Department of

Traumatology and Orthopedics



D. Dzatseeva