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| Educational program | 6В11201 Life safety and environment protection |
| EP purpose | Training of qualified specialists in the field of rescue, emergency work during emergency situations, labor protection, technical education and upbringing, life safety and the environment, competitive in the labor market, able to use systematic theoretical and practical knowledge, be responsible for the results of their professional activities. |
| EP type | Acting |
| Level on NQF | 6 |
| Level on SQF | 6 |
| EP distinctive features | No |
| The awarded academic degree | Bachelor |
| Period of study | 4 |
| Volume of the credits | 240 |
| Language of education | Russian, Kazakh |
| Date of approval EP on the Academic Council | 10.04.2024 |
| Professional standard | Activities of ensuring safety during emergencies 29.12.2022 |

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| № | Learning outcomes: |
| 1 | Evaluate the methods of providing medical care, possess the basics of medical knowledge and first aid to victims of emergency conditions (injuries, poisoning and various types of lesions), including knowledge about the main infectious diseases and their prevention. |
| 2 | To develop proposals for solving research issues, to know about the role of science and scientific knowledge, its structure, forms and methods, social or environmental problems related to the development and use of science, technology and technologies. |
| 3 | Use the rules of emergency classifications, the mechanism and effects on the human body, methods and methods of protection. |
| 4 | The application of methods, mathematical, physical models of real processes in professional activity, the choice of methods for evaluating the constructed model, including the use of information and communication technologies and artificial intelligence |
| 5 | To evaluate the processes of explosion and gorenje, explosion and fire hazard of production, to analyze the state of occupational safety and health at work. |
| 6 | Plan, organize and carry out measures to protect workers and the population from the negative effects of emergency situations, take preventive measures to reduce the level of various types of hazards, their consequences in professional activities and in everyday life. |
| 7 | Analyze dangerous and harmful production factors, corresponding risks associated with past, present or planned types of professional activities; conduct workplace certification. |
| 8 | Have the ability to evaluate and apply research methods and innovative approaches to understanding socially significant social phenomena and processes in legal, economic, entrepreneurial, industrial, environmental, cultural environments and anti-corruption policy. |
| 9 | Use collective and individual protective equipment in accordance with the nature of the professional activity performed. |
| 10 | Demonstrate knowledge of the organizational foundations of safety; theoretical foundations concerning the impact of natural and man-made hazards on the human body; types and purpose of the main emergency management bodies, technical characteristics and operational capabilities of protective equipment. |