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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 |
| The awarded academic degree | Вachelor |
| Period of study | 4 |
| Volume of the credits | 240 |
| Language of education | Kazakh, Russian |
| Date of approval of the OP at the Board meeting | 06.04.2022 (protocol No. 10) |
| Professional standard | Labor protection |

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| № | Learning outcomes: |
| 1 | To possess the ability to evaluate and apply research methods and innovative approaches in analyzing socially significant phenomena and processes in the legal, economic, industrial, environmental and anti-corruption policy. |
| 2 | Apply communicative competencies in Russian/Kazakh and English for professional activities. |
| 3 | Use the rules of emergency classifications, the mechanism and effects on the human body, methods and methods of protection. |
| 4 | 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. |
| 5 | Compare methods, mathematical, physical models of real processes, select methods for evaluating the constructed model. |
| 6 | Analyze dangerous and harmful production factors, corresponding risks associated with past, present or planned types of professional activities; conduct workplace certification. |
| 7 | Use collective and individual protective equipment in accordance with the nature of the professional activity performed. |
| 8 | 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. |
| 9 | 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. |
| 10 | 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. |