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| Educational program | 7М05201 Ecology |
| EP purpose | Training of highly qualified personnel-ecologists of a new formation, adapted to labor requirements and new technologies, able to solve scientific and applied problems in the field of environmental pr |
| EP type | Acting |
| Level on NQF | 7 |
| Level on SQF | 7 |
| The awarded academic degree | Master |
| Period of study | 1 |
| Volume of the credits | 60 |
| Language of education | Kazakh, Russian, English |
| Date of approval of the OP at the Board meeting | 06.04.2022 (protocol No. 10) |
| Professional standard | IQF in the field of environmental protection |

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| № | Learning outcomes: |
| 1 | Te able to logically correctly, argumentatively and clearly build oral and written speech for practical use in professional and scientific activities; |
| 2 | To carry out effective teamwork for the organization of activities in environmental management; |
| 3 | Plan and organize scientific research and scientific production work in the field of environmental protection to assess environmental problems. |
| 4 | To use experimental and statistical methods, information technologies in the study of environmental problems; |
| 5 | Conduct environmental expertise and efficiency analysis for the development of economic activity projects |
| 6 | Design measures for the rational use of natural resources based on the analysis of problems and ways to protect the environment |
| 7 | To develop modern methods and technologies for waste recycling; to assess the current problems of natural ecosystems and to create a favorable natural environment in cities. |
| 8 | Evaluate the results of research in ecology for use in research and production activities. |