

APPROVED



EDUCATIONAL PROGRAM DEVELOPMENT PLAN
Bachelor's degree in the specialty 5B070600 - "Geology and exploration of mineral deposits "
for 2018-2022

Directions activities	Activity	Deadlines					Responsible	Implementation mechanism
		2018-2019	2019-2020	2020-2021	2021-2022	2022		
1. Effective management of the qualitative implementation of the educational program and improvement of the mechanisms for managing the educational process	1. Provision of EP with regulatory documents of the Ministry of Education and Science of the Republic of Kazakhstan: the SMBS, a standard curriculum, a standard work program, internal regulatory documents (documented procedure, Regulations, Instructions, forms)	annually	annually	annually	annually	annually	Head of Department, university management	Formation of requests for the acquisition of regulatory documents in the Ministry of Education and Science of the Republic of Kazakhstan. Work with the Department of Quality Management System of KazNITU named after. K.I. Satpaeva
	2. Improving the structure of the EP	annually	annually	annually	annually	annually	Head of Department, university management	Updating the content of the educational program of the specialty based on the generalization of modern domestic and world experience in training in this area, the

								requirements of employers and the demands of the labor market. Working with employers. Monitoring the achievement of the results of the EP.
	3. Development and improvement of the modular principle of EP formation	annually	annually	annually	annually	annually	Head of Department	Formation of modules taking into account the logical and meaningful interrelation of disciplines. Ensuring a unified methodological approach to teaching the module. Formation of content for independent work taking into account the integrated content of educational material.
	1. Improvement of the CBM, RUP (updatability).	annually	annually	annually	annually	annually	Head of Department	Monitoring and analysis of employers' needs, graduates' satisfaction. Analysis of modern international experience in the direction of EP.
	2. Systematic improvement of educational and methodological support of the EP.	annually	annually	annually	annually	annually	Head of Department., Department of Academic Affairs	Updating of educational and methodological content taking into account the needs of employers, satisfaction of graduates. Advanced training of teaching staff.
2. Training of competitive managerial personnel	1. Improvement of the EP based on the introduction of modern educational technologies and techniques	annually	annually	annually	annually	annually		Advanced training of teaching staff. Discussion of the issues of improving the teaching methods at the methodological seminar

	into the educational process.							of the department and the Institute. Using interactive teaching methods.
	1. Development and improvement of the catalog of elective disciplines (CED) taking into account the proposals of interested parties (stakeholders), primarily taking into account the opinion of employers.	annually	annually	annually	annually	annually	Head of Department., Department of Academic Affairs	Annual updating of disciplines Mobile educational program (MOP) and working curriculum (WC) according to the proposals of employers. Work with employers.
	3. Expansion of practical training of students at metallurgical enterprises and research institutes of the Republic	annually	annually	annually	annually	annually	Head of the Department, Department of Academic Affairs	Conclusion of agreements on interaction and cooperation with geological enterprises, research institutes
	4. Formation of a qualitative contingent of students	constantly	constantly	constantly	constantly	constantly	Head of the department, teaching staff	Career guidance plan, constant updating of the site page, work in engineering classes.
3. Improving the conditions for high-quality staffing of the EP	1. Advanced training of teaching staff for the organization of work in new conditions (remote technologies, etc.)	annually	annually	annually	annually	annually	Head of Department, university management	Advanced training of teaching staff in leading foreign universities, geological enterprises of the republic.
	2. Training of own personnel by studying at the PhD doctoral program	annually	annually	annually	annually	annually	Head of the Department, Department of Postgraduate Education of the university	Employment of young specialists at graduate departments.
	3. Participation of teaching	2	2	2	2	3	Head of	Participation of teaching staff in

	staff in external and internal academic mobility programs						Department, university management	external and internal academic mobility programs, including the `Bolashak` scholarship program
	4. Invitation of leading scientists from partner universities	annually	annually	annually	annually	annually	Head of Department, university management	A plan to attract foreign scientists, including from the world's leading universities, to read courses and organize joint research projects.
	5. Increase in the share of settled teaching staff at the department	5%	5%	5%	5%	5%	Head of Department	Updating the staff of the teaching staff of the department on the basis of continuity: - attracting the most competent PhD graduates, as well as specialists in the practical field of activity, to teaching and scientific activities.
4. Research and innovation activities in the development of EP	1. Activation of innovative developments, research work, research and development work at the department	3	3	4	4	4	Head of the department, teaching staff	Involvement of teaching staff, students in initiative, state budget and contractual Research work(RW). Publication of RW results in journals with an impact factor. Formation of the scientific school of the leading teaching staff of the department.
	2. Participation in grant and contractual research and projects	3	3	3	4	4	Head of the department, teaching staff	An increase in the number of grant and contractual studies, including within the framework of grant financing of the Ministry of Education and Science of the Republic of Kazakhstan.

	3. Achievement of commercialization of the results of scientific research of the faculty of the department	1	1	1	1	2	Head of the department, teaching staff	An increase in the number of scientific projects and programs implemented jointly with national companies and private enterprises.
	4. Stimulating and motivating students to actively participate in scientific activities	5	5	10	15	15	Head of the department, teaching staff	Participation in student conferences, creative work competitions. Involvement of students in the performance of cathedral scientific research. Organization of annual student conferences, Olympiads, competitions.
	4. Increase in scientometric indicators, growth of the Hirsch index (teaching staff, doctoral students) PhD	2	2	3	3	3	Head of the department, teaching staff	Preparation of scientific publications in impact factor journals included in international scientometric databases (Thomson Reuters, Web of Science, Scopus, Sci Direct)
5. Development of resource potential for the implementation of the EP	1. Purchase of office equipment, scientific equipment, technical training tools, visual aids, etc.	+	+	+	+	+	Head of Department, university management	Annual process procurement plans.
	2. Purchase of new laboratory equipment, verification of old.	+		+				Annual procurement plans.
	3. Development of information and educational resources of the department (website, portal, electronic UMKD, etc.)	annually	annually	annually	annually	annually	Head of the Department, Department of Information Technology	Activities for the development of information and educational resources of the University.

	4. The growth of the rating of the department, teaching staff, stimulation and motivation of employees	annua lly	annua lly	annua lly	annua lly	annu ally	Head of the department, teaching staff	Rating teaching staff
--	--	--------------	--------------	--------------	--------------	--------------	--	-----------------------

Designations:

DP – documented procedure

EP – educational program

CED – catalog of elective disciplines

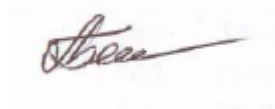
MC – modular curriculum

WC – working curriculum

SC – standard curriculum

TWP – a typical work program

Head of the Department "Geological survey, prospecting



and exploration of mineral deposits"

A.A. Bekbotayeva

Discussed at the meeting of the department "GSPaEMD"

Protocol №13 from 11.05. 2018