

APPROVED
DEAN OF THE FACULTY OF FPT
RSE REM "EURASIAN NATIONAL UNIVERSITY
NAMED AFTER L.N. GUMILYOV "

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 (full name)
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OPERATIONAL DEVELOPMENT PLAN OF THE EDUCATIONAL PROGRAM
"7M05305 - Nuclear Physics" for 2020-2023

№	Name of the goal and task	Measures to implement the plan	Responsible	Expected results	Implementation period			
					2020 y.	2021 y.	2022 y.	2023 y.
Goal 1. Management of the quality of education and improvement of educational process management mechanisms								
1.1	Objective 1.1: Improvement of educational and methodological support of educational programs	Control over the preparation of the teaching materials	Abuova F.	Availability of teaching materials for all modules	+	+	+	+
1.2	Task 1.2: Increasing the volume and quality of methodological support of the educational process at all levels	Control over the replenishment of the library fund for the EP and its use in the teaching materials	Abuova F.	Growth in the volume and quality of methodological support of EP	+	+	+	+

№	Name of the goal and	Measures to implement the plan	Responsible	Expected results	Implementation period
1.3	Task 1.3: Monitoring and improving the quality of education provided by the department	Monitoring the progress of the educational process	Morzabayev A.K	Availability of all documents of the educational process and the implementation of curricula	+ + + +
1.4	Task 1.4: Bringing undergraduate and graduate educational programs preparing for accreditation in the international agencies ASIIN, AQA and ACQUIN in accordance with the requirements of ECTS.	Passing accreditation in the international agency ASIIN modular educational programs of specialties 6M060500 - Nuclear Physics, adjusted in accordance with the requirements of ECTS.	Morzabayev A.K	Successfully pass accreditation, get a certificate	+ + + +
1.5	Task 1.5: Development of multilingual educational programs	Submission of modules with teaching in English to the MEP EP.	Temerbayev A.A	Organization of teaching individual EP modules in English	+ + + +
Goal 2. Training of competitive personnel, taking into account the needs of the labor market					
2.1	Task 2.1: Improving educational programs based on a competence-based approach and introducing modern educational technologies and methods into the educational process	The use of the latest scientific publications in teaching modules and teaching of academic writing by teachers of undergraduates	Morzabayev A.K	Improving the quality of writing scientific papers by undergraduates	+ + + +
2.2	Task 2.2:	Expansion of the list of employers,	Useynov A.	Expanding employment	+ + + +

№	Name of the goal and	Measures to implement the plan	Responsible	Expected results	Implementation period			
	Attracting employers, graduates studying for the implementation of the EP	including through graduates of EP of previous years		opportunities for graduates				
2.3	Task 2.3: Monitoring customer satisfaction with the quality of educational services provided	Support with employers of constant postal and telephone communication	Useynov A.	Improving interaction with employers	+	+	+	+
Goal 3. Improving the quality and effectiveness of scientific research								
3.1	Objective 3.1: Enhancing the scientific activity of students	Participation of undergraduates in at least an introductory international conference	Zhumadilov K.Sh	Raising the level of works published by undergraduates	+	+	+	+
3.2	Task 3.2: Increasing success rates in the development of science and expanding international contacts	Expansion of the list of international contacts. An increase in the number of works published jointly with foreign partners.	Kuterbekov K.A	Increase in the number of publications in journals with impact factor	+	+	+	+
3.3	Objective 3.3: Establishing scientific and industrial links with industrial enterprises, business structures and other organizations	Expansion of contacts with industrial enterprises and business structures.	Zhumadilov K.Sh	Increase in the number of topics of master's theses related to industry problems.	+	+	+	+
3.4	Task 3.4: Improvement of the system of training scientific and pedagogical personnel through the	Identification and support among undergraduates of persons who have an inclination to teach at universities	Amangeldi N.	Preparation of at least one master's student annually for the university system	+	+	+	+

№	Name of the goal and magistracy	Measures to implement the plan	Responsible	Expected results	Implementation period		
Goal 4. Development of human resources and management system							
4.1	Task 4.1: Updating the personnel potential of the department	Admission of one young specialist annually to conduct classes at the EP	Morzabayev A.K.	Annual renewal of the staff potential of the EP	+	+	+
4.2	Task 4.2: Monitoring of professional development of teaching staff	Control over the implementation of the plan for professional development of the teaching staff of EP	Morzabayev A.K.	Regular professional development of teaching staff	+	+	+
4.3	Task 4.3: Attracting foreign specialists	Organization of visits of foreign specialists according to the program of visiting professors	Giniyatova Sh.G	Lectures and consultations for undergraduates of EP by foreign professors	+	+	+
Goal 5. Development of infrastructure and material and technical base for the implementation of the educational program							
5.1	Task 5.1: Development of infrastructure and material and technical base	Creation of a laboratory for nuclear processes and measurement techniques	Amangeldi N.	Inclusion in laboratory modules			+

Considered at a meeting of the Department of IDNPNMaT, protocol No. 10 dated 04.05.2020.

Approved by the Faculty Council, Protocol No. 10 dated "21" 05 2020.

Head Department  K. Sh. Zhumadilov