

STANDARD FORM OF THE DIPLOMA SUPPLEMENT



**Satbayev Kazakh National Research Technical
University**

DIPLOMA SUPPLEMENT

This Diploma Supplement follows the model developed by the European Commission, the Council of Europe and UNESCO/CEPES. The purpose of this supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates, etc.) It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free of any value - judgments, equivalence statements or suggestions about recognition. Information should be provided in all eight sections. Where information is not provided, a reason should be given.

1 INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION		
1.1	Last Name(s)	
1.2	First Name(s)	
1.3	Date of Birth (Day/Month/Year)	
1.4	Student Identification Number	
2 INFORMATION IDENTIFYING QUALIFICATION		
2.1	Name of Qualification and (if applicable) title conferred(in original language)	6B07202 - Geology and exploration of mineral deposits (undergraduate)
2.2	Main field(s) of study for the qualification	Geology and exploration of mineral deposits
2.3	Name and Status of Awarding University (in original language)	Қ.И.Сәтбаев атындағы Қазақ Ұлттық техникалық зерттеу университеті, Білім берудегі сапаны қамтамасыз ету жөніндегі Тәуелсіз агенттікпен (IQAA) аккредиттелген (https://iqaa.kz). 2020жылдың 28 желтоқсанынан бастап
2.4	Name and Status of Awarding University (in English)	Satbayev University of Research & Technology, accredited by Independent Agency for Quality Assurance in Education (IQAA), (https://iqaa.kz). From 28/12/2020.
2.5	Language(s) of Instruction/Examination	Russian / Kazakh
3 INFORMATION ON THE LEVEL OF THE QUALIFICATION		
3.1	Level of Qualification	Bachelor's degree (6th level of the NQF /6th level of the EQF)
3.2	Official duration of Program in credits and/or years	240 ECTS / 4 years
3.3	Access Requirements	For bachelor's degree: general secondary or technical and vocational, or post-secondary education
4 INFORMATION ON THE CONTENTS AND RESULTS GAINED		
4.1	Mode of Study	full - time
4.2	Program learning outcomes	O1. Possess the ability to communicate in oral and written forms in the state, Russian and foreign languages to solve problems of interpersonal and intercultural interaction

		<p>O2. Be able to analyze the patterns of development of society, use humanitarian knowledge and critically use the methods of modern science in practice</p> <p>O3. Possess skills in the use of physics, mathematics, chemistry, information technology, basic calculation methods, methods of solving problems and means of obtaining, storing, processing information, use special software products for modeling deposits and processes</p> <p>O4. Classify, apply methods for determining and analyzing the structure of crystals, minerals, rocks, identify the genesis, restore the thermodynamic conditions for the formation of rocks and systems, read geological maps, compare patterns of spatial distribution of regional and local structural elements of the earth's crust.</p> <p>O5. Own the technology of geological exploration, know the requirements for the quality of geological materials, be able to draw up geological documentation, select and justify methods for prospecting and exploration of mineral deposits, identify criteria and search features based on data analysis</p> <p>O6. Know the legislation on subsoil and subsoil use of the Republic of Kazakhstan, international standards, determine the prospects for the development of the mineral resource base of the region, develop a geological and economic project for calculating reserves and conducting geological exploration.</p> <p>O7. Be proficient in the state and foreign languages in order to fully obtain information, express knowledge in a correct, logically connected oral and written form; have the skills of public speech, argumentation, discussion and controversy; practical analysis of various kinds of reasoning, own the elements of leadership.</p>
4.3	Program Details, individual credits gained and grades/marks obtained	<p>The purpose of the undergraduate educational program is:</p> <ul style="list-style-type: none"> - training of highly qualified, competitive and demanded specialists in the labor market for geological, geological surveying, mining enterprises of the Republic of Kazakhstan, - capable of performing design, production, technological, organizational work at industrial enterprises of the region. <p>Geology and exploration of mineral deposits includes the fields of science, engineering and technology, covering a set of problems associated with the development of the mineral resource base, based on the study of the Earth and its interior for the purpose of forecasting, prospecting, exploration, exploitation of solid, liquid and gaseous minerals , engineering and geological surveys to meet the needs of the fuel, metallurgical, chemical industries, the needs of agriculture, construction, and the assessment of the ecological state of territories.</p> <p>The tasks of the educational program of the bachelor's degree:</p>

		<ul style="list-style-type: none"> - study of a cycle of general education disciplines to provide social and humanitarian education based on the laws of the socio-economic development of society, history, modern information technologies, the state language, foreign and Russian languages; - development of general technical and economic disciplines as the foundation of vocational education; - formation through a cycle of major disciplines of key theoretical knowledge, skills in geology, prospecting and exploration of solid, liquid and gaseous minerals, rational use of natural resources; - the study of disciplines that form knowledge, skills and abilities of planning and organizing research, designing geological work; - familiarization with the technologies and equipment of enterprises during the period of various types of practices. - - acquisition of skills and abilities of laboratory research, technological calculations, equipment selection and design using modern computer technologies and programs. - See the Appendix to the diploma (transcript) 																																																				
4.4	Grading Scheme	<table border="1"> <thead> <tr> <th>Evaluation</th> <th>GPA</th> <th>Point %</th> <th>Appreciation</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>4</td> <td>95-100</td> <td>"Excellent"</td> </tr> <tr> <td>A-</td> <td>3,67</td> <td>90-94</td> <td>" Excellent "</td> </tr> <tr> <td>B+</td> <td>3,33</td> <td>85-89</td> <td>"Good"</td> </tr> <tr> <td>B</td> <td>3</td> <td>80-84</td> <td>"Good"</td> </tr> <tr> <td>B-</td> <td>2,67</td> <td>75-79</td> <td>"Good"</td> </tr> <tr> <td>C+</td> <td>2,33</td> <td>70-74</td> <td>"Good"</td> </tr> <tr> <td>C</td> <td>2</td> <td>65-69</td> <td>"Satisfactory"</td> </tr> <tr> <td>C-</td> <td>1,67</td> <td>60-64</td> <td>" Satisfactory "</td> </tr> <tr> <td>D+</td> <td>1,33</td> <td>55-59</td> <td>" Satisfactory "</td> </tr> <tr> <td>D-</td> <td>1</td> <td>50-54</td> <td>" Satisfactory "</td> </tr> <tr> <td>FX</td> <td>0,5</td> <td>25-49</td> <td>" Unsatisfactory "</td> </tr> <tr> <td>F</td> <td>0</td> <td>0-24</td> <td>" Unsatisfactory "</td> </tr> </tbody> </table>	Evaluation	GPA	Point %	Appreciation	A	4	95-100	"Excellent"	A-	3,67	90-94	" Excellent "	B+	3,33	85-89	"Good"	B	3	80-84	"Good"	B-	2,67	75-79	"Good"	C+	2,33	70-74	"Good"	C	2	65-69	"Satisfactory"	C-	1,67	60-64	" Satisfactory "	D+	1,33	55-59	" Satisfactory "	D-	1	50-54	" Satisfactory "	FX	0,5	25-49	" Unsatisfactory "	F	0	0-24	" Unsatisfactory "
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5	INFORMATION ON THE FUNCTION OF THE QUALIFICATION																																																					
5.1	Access to Further Study	The graduate can continue education in a magistracy																																																				
5.2	Access to a regulated profession (if applicable)	Applicable																																																				
6	ADDITIONAL INFORMATION																																																					
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6.2	Further information sources	For more information, please refer to the website: https://satbayev.university																																																				

7	CERTIFICATION OF THE SUPPLEMENT	
7.1	Date	
7.2	Signature	Begentaev Meiram
7.3	Status	Rector
7.4	Official Stamp	
8	INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM	
<p>Higher education Citizens who have general secondary or technical and vocational, or post-secondary education acquire higher education. A citizen has the right to receive free higher education on a competitive basis. Training in degree programs of higher education is carried out in the form of full-time education and (or) external studies. The main types of organizations of higher and (or) postgraduate education are a national research university, a national organization of higher and (or) postgraduate education, a research university, a university, an academy, an institute and equivalent (conservatory, high school). A student who has passed the final certification for the development of the degree program of higher education (180-249 ECTS) is awarded the degree of 'bachelor' or is awarded the qualification of 'specialist'.</p> <p>Postgraduate education Citizens with higher education acquire postgraduate education. Postgraduate education is carried out in the master's degree programme, residency and doctoral degree of organizations of higher and (or) postgraduate education, scientific organizations on the main activity profile and areas of staff training, as well as by sending scholars of the Bolashak international scholarship to study at leading foreign organizations of higher and (or) postgraduate education in full-time education in accordance with the list of specialties annually approved in the manner prescribed by the legislation of the Republic Kazakhstan. Training in the master's degree program is carried out on the basis of degree programs of higher education in two areas:</p> <ul style="list-style-type: none"> - Scientific & Teacher training degree with a study period of at least two years (120 ECTS); - Professionally oriented degree with a study period of at least one year (60-90 ECTS). Training in doctoral degree is carried out on the basis of master's degree programs in two areas: - Scientific & Teacher training degree with a study period of at least three years (120 ECTS); - Professionally oriented degree with a study period of at least three years (120 ECTS). <p>Persons who have received a master's degree or have mastered degree programs of postgraduate education in military specialties, to obtain the degree of Doctor of Philosophy (Ph.D.), doctor in the professionally oriented program are trained in the doctoral studies of military, special educational institutions for at least three years. Postgraduate medical and pharmaceutical education includes residency, master's & doctoral degree. The residency provides in-depth training in clinical specialties with a duration of training from two to four years, depending on the specialization. The authorized body in the field of health care approves the rules for training medical staff in residency. The list of degree programs of higher and postgraduate education is contained in the register of degree programs. Accreditation of educational organizations Accreditation of educational organizations is carried on a voluntary basis. Educational organizations are obtain to institutional and degree program accreditation in accreditation bodies recognized by the Ministry of Education and Science of the Republic of Kazakhstan.</p>		

European Qualifications Framework (EQF)	Levels	Kazakhstan's National Qualifications Framework (NQF)	Qualifications Frameworks in the European Higher Education Area (QF-EHEA)
EQF 8	8. Doctoral Degree	NQF 8	Third Cycle
EQF 7	7. Master's Degree	NQF 7	Second Cycle
EQF 6	6. Higher Education. Bachelor's Degree	NQF 6	First Cycle
EQF 5	5. Post-Secondary Education	NQF 5	Short Cycle
EQF 4	4. Technical & Vocational Education	NQF 4	
EQF 3	3. General Secondary Education	NQF 3	
EQF 2	2. Basic Secondary Education	NQF 2	
EQF 1	1. Primary Education	NQF 1	
	0. Pre-School Education & Training		

The Ministry of Education and Science of the Republic of Kazakhstan maintains a Register of recognized accreditation bodies, accredited educational organizations and degree programs.

The National Qualifications Framework of Kazakhstan contains 8 qualification levels, which corresponds to the European Qualifications Framework (EQF) and educational levels. The eight recommended levels are described in the form of learning outcomes.