

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)	Kozhanzharova
1.2	First Name(s)	Gulyera
1.3	Date of Birth (Day/Month/Year)	17/08/2001
1.4	Student Identification Number	010817651027
2		INFORMATION IDENTIFYING QUALIFICATION
2.1	Name of Qualification and (if applicable) title conferred(in original language)	Bachelor of Engineering and Technology
2.2	Main field(s) of study for the qualification	6B07204 – Petroleum Engineering
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	kazakh
3		INFORMATION ON THE LEVEL OF THE QUALIFICATION
3.1	Level of Qualification	Bachelor's Degree (6th level of NQF / 6th level of 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	A graduate who has completed the Bachelor's degree program "Petroleum Engineering" should be: 1. able to apply knowledge of mathematics, science and technology to solve professional problems;

		<ol style="list-style-type: none"> 2. able to design and conduct experiments, as well as analyze and interpret experimental data to develop optimal solutions; 3. have the skills to design technological processes for the development of oil and gas fields in order to achieve the tasks set within realistic constraints; 4. have the skills to work in interdisciplinary teams; 5. be able to identify, formulate and solve technical problems in the operation of oil and gas fields; 6. understand professional and ethical responsibility in the process of working in labor communities; 7. have effective communication skills in oil-gas professional and public organizations; 8. understand the consequences of technical solutions in the development, operation of oil and gas fields and transportation of hydrocarbons in the global, economic, environmental and social context; 9. the need for lifelong learning and self-study; 10. able to analyze modern problems and determine the principles of improving the technological processes of the oil and gas industry; 11. able to use methods, skills and modern engineering tools necessary for engineering practice on the oil and gas industry.
4.3	Program Details, individual credits gained and grades/marks obtained	<p>Educational program 6B07204 – “Petroleum Engineering”</p> <p>The objectives of the educational program are:</p> <ul style="list-style-type: none"> – formation of personnel for an innovative economy in petroleum engineering, covering modern energy-saving technologies, project activities, innovative solutions, entrepreneurship in the high-tech field of oil-gas processing. – formation of general scientific, socio-personal, instrumental and professional competencies in accordance with state standards, allowing graduates to work successfully in their chosen field of activity, contributing to their social mobility and stability in the labor market of oil-gas processing. – provision of knowledge, skills and abilities in the following types of professional activity: production and technological; organizational and managerial; research; project at the national and international levels. – training of highly qualified personnel for engineering activities at oil-gas enterprises , in a research organization or commercial structure, with the prospect of further professional growth. – development of personal scientific and metric indicators of the student. <p>The objectives of the educational program are:</p> <ul style="list-style-type: none"> – apply knowledge of mathematics, science and technology, as well as identify, formulate and solve engineering problems

		<p>to improve the technological processes of the oil and gas industry;</p> <ul style="list-style-type: none"> – effectively convey information and thoughts to other people; – practice ethical, social, and environmental standards in their professions in a responsible manner; – demonstrate a high level of competence in engineering principles and in practice; – work in diverse and multicultural teams; - to serve society, the oil and gas industry, the state through participation in professional communities and in public organizations; - be successful professionals and lead the team, the organization to new achievements. <p>See the Appendix to the diploma (transcript)</p>																																																				
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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5.1	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																																																					
6.1	Additional information	The educational program is accredited by ASIIN, European Accreditation of Engineering Programmes (EUR-ACE Bachelor) July 01 st , 2016 (https://www.asiin.de). From 15/01/2018.																																																				
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	Meiram Begentayev
7.3	Status	Rector
7.4	Official Stamp	
8	INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM	
<p>Higher education</p> <p>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.</p> <p>Training in degree programs of higher education is carried out in the form of full-time education and (or) external studies.</p> <p>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).</p> <p>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</p> <p>Citizens with higher education acquire postgraduate education.</p> <p>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.</p> <p>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). <p>Training in doctoral degree is carried out on the basis of master's degree programs in two areas:</p> <ul style="list-style-type: none"> - 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.</p> <p>Postgraduate medical and pharmaceutical education includes residency, master's & doctoral degree.</p> <p>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.</p> <p>The list of degree programs of higher and postgraduate education is contained in the register of degree programs.</p> <p>Accreditation of educational organizations</p>		

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.

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.

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. General Secondary Education	NQF	

3		3	
EQF 2	2. Basic Secondary Education	NQF 2	
EQF 1	1. Primary Education	NQF 1	
	0. Pre-School Education & Training		