ACADEMICIAN E.A. BUKETOV KARAGANDY UNIVERSITY

EUROPASS DIPLOMA SUPPLEMENT

The purpose of the Diploma 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 is free from any value judgements, equivalence statements or suggestions about recognition. This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO.

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1	Last name(s)	1.2	First name(s)
	Batelkhan		Aruzhan
1.3	Date of birth (dd/mm/yyyy)	1.4	Student identification number or code (if available)
	22/01/2002		020122600869

2. QUALIFICATION

2.1	Name of qualification and (if applicable) title conferred (in original language)	2.2	Main field(s) of study for the qualification
	Bachelor of education on the educational program «6B01504-Physics-Informatics» / «6B01504-Физика-Информатика» білім беру бағдарламасы бойынша білім бакалавры		B010 - Training teachers of physics
2.3	Name and status of awarding institution (in original language)		
	NLC «Karagandy University of the name of Academician E.A.Buketov»/«Академик Е.А.Бөкетов атындағы Қарағанды университеті» КЕАҚ		
2.4	Name and status of institution (if different from 2.3) administering studies (in original language)	2.5	Language(s) of instruction/examination
	-		Kazakh

3. INFORMATION ON THE LEVEL AND DURATION OF THE QUALIFICATION

3.1	Level of the qualification	3.2	Official duration of programme in credits and/or years
	Bachelor`s degree (level 6, NQF/ level 6, EQF)		248 ECTS
3.3	Access requirement(s)		
	ЖОБ № 0035332, issued 12.06.2019		

4. INFORMATION ON THE PROGRAMME COMPLETED AND THE RESULTS OBTAINED

4.1	Mode of study
	Full-time attendance
4.2	Programme learning outcomes
	Applies, processes, generalizes and reproduces information; correctly uses socially marked linguistic units of the studied language. Applies knowledge and skills in the field of algorithmization of problem solving in practice. Develops effective data processing algorithms with their subsequent implementation in programming languages. Solves non-standard tasks, including in a new or unfamiliar environment and in an interdisciplinary context. Uses information resources in order to increase the effectiveness of his professional activities.

4.3 Programme details, individual credits gained and grades/marks obtained

Code	Course Title	ECTS Credits	Final Grade	
PhE1109	Physical education	8	A-	excellent
FL1107	Foreign language	10	B+	good
MA1215	Mathematical analysis	5	A-	excellent
Mech1217	Mechanics	6	B+	good
Ped1212	Pedagogics	5	A-	excellent
ICT1108	Information and communication technologies (in English)	5	A-	excellent
RL1106	Russian language	10	B	good
AGLA1216	Analytical geometry and linear algebra	5	A	excellent
MPh1218	Molecular physics	5	B+	good
EM2219	Electricity and magnetism	6	A-	excellent
MHK2101	Modern history of Kazakhstan (SE)	5	B+	good
Pro2226	Programming C++	5	B+	good
APL2325	Algorithmization and programming languages	6	B	good
APhHS2211	Anatomy, physiology and hygiene of schoolchildren	5	B-	good
CP2105	Culturology, psychology	4	B+	good
PSS2104	Political science, sociology	4	A-	excellent
Opt2220	Optics	5	A-	excellent
EBLS2103	Ecology and basics of life safety	5	A-	excellent
Phil2102	Philosophy	5	A-	excellent
MEW2214	Methods of educational work	5	A-	excellent
IE3213	Inclusive education	5	A-	excellent
ME3210	Management in education	5	A-	excellent
MTPh3333	Methods of teaching physics	5	B	good
BDE3223	Basics of digital electronics	4	B+	good
ITOEPS3236	Innovation techniques in organisation of education process in school	5	B+	good
NEPPh3221	Nuclear and elementary-particle physics	4	A-	excellent
MTI3335	Methods of teaching informatics	5	A-	excellent
PDLS3338	Platforms and distance learning services	4	A	excellent
PWTMPhT3337	Practical work on theory and methodology of physics teaching	5	B+	good
CGA3232	Computer graphics and animation	5	A-	excellent
Ast3222	Astronomy	6	B	good
TD3231	Theory of databases	5	A	excellent
ODLSS4339	Organization of distance learning in the school system	4	A-	excellent
VLWPh4224	Virtual laboratory works on physics	5	B+	good
RE4228	Robotics in education	5	A-	excellent
WT4230	Web-technology	5	A-	excellent
TSN4327	Telecommunication systems and networks	5	A-	excellent

Code	Course Title	ECTS Credits	Final Grade	
MOHDESS4334	Methodology of organisation and holding of demonstration experiment in secondary school	5	B+	good
BTCSFUCSE4329	Basics of teaching computer science in the framework of the updated content of secondary education	5	A-	excellent
	Practice			
	Educational	1	A-	excellent
	Educational	1	A-	excellent
	Pedagogical	4	A-	excellent
	Educational	2	A-	excellent
	Pedagogical	4	A	excellent
	Pregraduation	3	A	excellent
	Pedagogical	15	A-	excellent
	State Examinations			
	Theme of Degree work			
	Formation of physics teachers' readiness to organize students' research activity at schools	12	C-	satisfactory
	Total number of credits	**248**		
	GPA	**3.52**		

4.4	Grading system and, if available, grade distribution table	4.5	Overall classification of the qualification (in original language)

Points by letter system	Digital equivalent of points	Percentage	Points by the traditional system
A	4,0	95-100	Excellent
A-	3,67	90-94	
B+	3,33	85-89	Good
B	3,0	80-84	
B-	2,67	75-79	
C+	2,33	70-74	
C	2,0	65-69	Satisfactory
C-	1,67	60-64	
D+	1,33	55-59	
D	1,0	50-54	
FX	0,5	25-49	Unsatisfactory
F	0	0-24	

Ordinary degree / Уздік емес

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1	Access to further study	5.2	Access to a regulated profession (if applicable)
	Educational programs of master's degree		Has the right to work in practical activity

6. ADDITIONAL INFORMATION

6.1	Additional information	6.2	Further information sources
	Certificate of International Institutional Accreditation IA-A No. 0139 issued by IQAA agency 01/04/2023 - 31/03/2030		E.A.Buketov KarU: buketov.edu.kz Ministry of Science and Higher Education of the Republic of Kazakhstan https://www.gov.kz/memleket/entities/sci?lang=en

7. CERTIFICATION OF THE SUPPLEMENT

7.1	Date			7.2	Signature
	27	06	2024		Dulatbekov N.O.
	DD	MM	YYYY		
7.3	Capacity			7.4	Official stamp or seal
	Rector of Academician E.A. Buketov Karagandy University				

8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

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 is awarded the degree of 'bachelor' or is awarded the qualification of 'specialist'.

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:

- Scientific & Teacher training degree with a study period of at least two years;
- Professionally oriented degree with a study period of at least one year.

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;
- Professionally oriented degree with a study period of at least three years.

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