

**DIPLOMA SUPPLEMENT**  
**AL-FARABI KAZAKH NATIONAL UNIVERSITY**



*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)**

Abdushukur

**1.2 First name(s)**

Kulash

**1.3 Date of birth (dd/mm/yyyy)**

03.12.1998

**1.4 Student identification number or code (if available)**

981203401251

**2. INFORMATION IDENTIFYING THE QUALIFICATION**

**2.1 Name of qualification and (if applicable) title conferred (in original language)**

Master of natural sciences

**2.2 Main field(s) of study for the qualification**

7M05301 Chemistry

**2.3 Name and status of awarding institution (in original language)**

әл-Фараби атындағы Қазақ ұлттық университеті. Аккредиттеу және рейтингтің тәуелсіз агенттігімен (IAAR) аккредиттелген, (<https://iaar.kz/>). 2017 жылғы 20 маусымнан бастап IAAR Жоғары білім беру сапасын қамтамасыз етудің еуропалық тізіліміне (EQAR) енеді, 28/02/2022ж. дейін жарамды.

Al-Farabi Kazakh National University, accredited by the Independent Agency for Accreditation and Rating (IAAR), (<https://iaar.kz/>). From 20/06/2017, IAAR is included into the European Quality Assurance Register for Higher Education (EQAR), valid until 28/02/2022.

**2.4 Name and status of institution (if different from 2.3) administering studies (in original language)**

See 2.3

## 2.5 Language(s) of instruction/examination

Kazakh

## 3. INFORMATION ON THE LEVEL AND DURATION OF THE QUALIFICATION

### 3.1 Level of the qualification

Master's Degree (7th level of NQF / 7th level of EQF)

### 3.2 Official duration of programme in credits/years

120 ECTS

### 3.3 Access requirements

Higher education

## 4.1 Mode of study

Full-time

## 4.2 Programme learning outcomes

As a result of mastering the program, the master will be able to

PO1 - to interpret scientific theories and concepts in the relevant specialized field of fundamental and applied chemistry;

PO2 - to integrate the latest achievements of science and practice in the field of chemistry into the practical activities of a research chemist, a teacher chemist to solve professional tasks, including in a wider interdisciplinary context, focused on achieving environmental, social, economic and other goals;

PO3 – to conduct a systematic search and prepare a scientific review of the state of modern scientific research on a specific topic;

PO4 - to carry out the analysis of scientific information for the formulation of scientific hypotheses in the framework of its own research;

PO5 - implement independently the formulation of the goal and objectives of scientific research, as well as the expected result, on the basis of a critical analysis and evaluation of modern scientific concepts, achievements and research in the studied / profile field of chemistry;

PO6 - to make a reasonable choice of methods, techniques, computer programs and applications of mathematical modeling and calculation, to control the process, including technological, performing a scientific experiment, processing and generalizing the results obtained;

PO7 - to analyze and interpret the obtained data (process control, scientific research results) to substantiate their reliability and value in the framework of modern concepts and theories in the field of chemistry;

PO8 - to apply fundamental and modern knowledge and methodology of physicochemical research to develop new and improve existing methods for producing substances and materials with specified characteristics, research methods of substances, materials and processes, technological processes or their stages;

PO9 - to carry out qualitative and quantitative modeling of the process in order to establish its mechanism, ways of its regulation, to obtain a product with specified characteristics or to increase its output, to determine the optimal conditions for its implementation and control;

PO10 – to develop a curriculum for teaching chemical disciplines in the context of modern achievements in the field of chemistry and the requirements of higher education pedagogy;

PO11 – to present the results of your own research in the chosen field of chemistry in the form of a scientific publication;

PO12 - to continue independent and autonomous training for creative self-development and self-improvement, for the development of basic and subject-matter competencies during the entire professional activity.

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

See Diploma Supplement (transcript)

## 4.4 Grading system and, if available, grade distribution table

Letter grades	Grade points	% points	Number of graduates	% of each evaluation	Traditional grading system
A	4,0	95-100	16	34.78	Excellent
A-	3,67	90-94	17	36.96	
B+	3,33	85-89	6	13.04	Good
B	3	80-84	4	8.7	
B-	2,67	75-79	-	-	
C+	2,33	70-74	-	-	Satisfactory
C	2	65-69	1	2.17	
C-	1,67	60-64	-	-	
D+	1,33	55-59	-	-	
D-	1	50-54	1	2.17	
FX	0,5	25-49	-	-	Unsatisfactory
F	0	0-24	1	2.17	
			46	100	

#### 4.5 Overall classification of the qualification (in original language)

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## 5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

### 5.1 Access to further study

The graduate can continue education in doctoral studies
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### 5.2 Access to a regulated profession (if applicable)

Not applicable
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## 6. ADDITIONAL INFORMATION

### 6.1 Additional information

- The educational program is accredited by ACQUIN (05.02.2016 - 05.02.2021), from 08/04/2009 ACQUIN is included in the European Quality Assurance Register for Higher Education (EQAR), valid until 30/06/2021.  
- Diploma number № DS MD 00016681078 from 01.02.2023

### 6.2 Further information sources

For more information, please refer to the website: <a href="https://www.kaznu.kz">https://www.kaznu.kz</a>
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## 7. CERTIFICATION OF THE SUPPLEMENT

### 7.1 Date

01.February.2023
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### 7.2 Signature

Zhanseit Tuimebayev
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### 7.3 Capacity

Chairman of the Board - Rector
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### 7.4 Official stamp or seal

## 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 (180-249 ECTS) 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 (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).

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 obtain 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	1. Primary Education	NQF 1	
	0. Pre-School Education & Training		