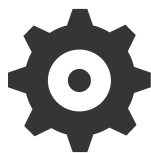


DIPLOMA SUPPLEMENT
AL-FARABI KAZAKH NATIONAL UNIVERSITY



KAZSEE
KAZAKHSTAN ASSOCIATION
FOR ENGINEERING EDUCATION

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)

Abdullina

1.2 First name(s)

Zhanar

1.3 Date of birth (dd/mm/yyyy)

13.05.2001

1.4 Student identification number or code (if available)

010513650712

2. INFORMATION IDENTIFYING THE QUALIFICATION

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

Bachelor of technics and technologies

2.2 Main field(s) of study for the qualification

6B07201 Technology of Pharmaceutical Production

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

Bachelor's Degree (6th level of NQF / 6th level of EQF)

3.2 Official duration of programme in credits/years

240 ECTS

3.3 Access requirements

General secondary or technical and professional, or post-secondary education

4.1 Mode of study

Full-time

4.2 Programme learning outcomes

- formulate modern concepts on basic directions of science and technology development in their connection with the production technology of safe and effective medicines and drugs;
- classify medicinal compounds and dosage forms, technological schemes of pharmaceutical production, physico-chemical methods for identifying the chemical composition of drugs, generally accepted terms in pharmacy;
- explain the interdependence of the structure and configuration of medicinal compounds (substances), their properties and pharmacological action on the body; choose safe and effective substances and excipients available on the pharmaceutical market, taking into consideration their synergy and bioavailability;
- carry out selection and calculation of equipment, design and metrological support of pharmaceutical production, master skills for managing the technological process of production of substances, excipients, medicinal forms of drugs, medical devices and preparation of technological schemes for their production, coding of medical and pharmaceutical products;
- determine, in accordance with the current legislation, international standards and internal documents of the management and marketing system, indicators of the quality of medicinal products, their substances and excipients, carry out their identification and develop regulatory documents;
- carry out validation of equipment, technology for production of medicines and drugs, methods of quality control, develop and compile reports on validation to confirm their standardization and quality;
- characterize and explain the methodology of study of medicines and drugs in in vitro and in vivo modes to establish their biological safety, specific pharmacological activity, mode of application, dosing, establish precautions and contraindications for a living organism;
- characterize and use advanced innovations in the technology of medicines and medical devices production, their standardization and quality control;
- generate basic regulatory documentation for a medicinal product in the form of instructions for the technological scheme of its production, pharmaceutical development, temporary analytical regulatory document, instruction for its medical use, reports on the validation of production technology and analytical methods, stability tables to confirm its shelf life and storage mode;
- apply regulations to the production of safe and effective drugs, their registration and pharmaceutical supervision;
- search, select and analyze information obtained from various sources in order to find the optimal solution at the modern scientific level, in accordance with the requirements of the State regulation, professional tasks related to the production, quality control and storage of medicines and drugs;
- communicate information, ideas, problems and solutions reasonably.

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	3	50	Excellent
A-	3,67	90-94	1	16.67	
B+	3,33	85-89	1	16.67	Good
B	3	80-84	-	-	
B-	2,67	75-79	-	-	
C+	2,33	70-74	-	-	Satisfactory
C	2	65-69	1	16.67	
C-	1,67	60-64	-	-	
D+	1,33	55-59	-	-	
D-	1	50-54	-	-	Unsatisfactory
FX	0,5	25-49	-	-	
F	0	0-24	-	-	
			6	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 a magistracy

5.2 Access to a regulated profession (if applicable)

Not applicable

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 BD 00015776011 from 01.02.2023

6.2 Further information sources

For more information, please refer to the website: https://www.kaznu.kz
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7. CERTIFICATION OF THE SUPPLEMENT

7.1 Date

01.February.2023

7.2 Signature

Zhanseit Tuimebayev

7.3 Capacity

Chairman of the Board - Rector

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