

Ministry of Agriculture of the Republic of Kazakhstan
"S. Seifullin Kazakh Agro Technical University" JSC

Considered
at the meeting
of the University Academic Council
Protocol № 15
from «31» 05 2019 y.



APPROVE
Chairman of the Board of S. Seifullin
Kazakh Agro Technical University
A. K. Kurishbayev
05 2019 y.

EDUCATIONAL PROGRAM

«Financial analytics»

Code and classification of the sphere of education: 6B04 Business, management and law

Code and classification of the direction of training: 6B 041 Business and management

Code in the International standard classification of education: 0410

Qualification: bachelor of business and management by educational program 6B041- Financial analytics

Term of training: 4 years

Nur-Sultan 2019

Authors group:

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5. Sarsembaev B.A. – master of economic and business, managing Director of VIP center of JSC «Jysan Bank»
6. Nurseit T.A. – chief manager of JSC «Agrocredit corporation»

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Educational program 6B041 – «Financial analytics»

considered at the meeting of the Department of Finance

Protocol No. 9 of «09» January 2019,

approved by the faculty Council

Protocol № 8 of «19» April 2019 d.

1 Passport of the educational program

1.1 The purpose of the educational program:

The purpose of the educational program "Financial Analytics" is the preparation a specialist of the new type with fundamental knowledge and practical skills in professional activities related to the organization, planning, regulation, control and management of public finances of Kazakhstan, finances of economic entities, as well as research, consulting, analytical activities in the national economy.

The tasks are:

- providing solid foundation of knowledge in the field of financial and credit system, financial management and securities market in Kazakhstan for successful competition in the labor market and to following study master's degree;
- providing skills and practical skills that will adapt to changing technologies throughout their professional careers.

2 General characteristics of the educational program

The modular educational program "Financial Analytics" systematizes the knowledge and practical skills of students in the fundamental training of bachelors, aimed at in-depth study of economic disciplines and the formation of advanced knowledge for production and higher education.

The main advantages of JSC "KATU after S. Seifullin" before Universities competitors are:

1. specialized focus of training;
2. highly qualified personnel, including well-known scientists in the field of economic Sciences;
3. rapid response to the demands of the labor market, specific employers;
4. affordable tuition; financial independence;
5. introduction of distance learning technologies;
6. favorable image of the University.

In order to improve the quality of training and do the requirements of the modular educational program, well-known scientists and practitioners with experience in the field of Finance and banking are invited. To organize research work and create appropriate conditions for students in the areas of training of bachelors operates a Advisory Center for offering financial services.

The relevance of the educational program is confirmed by the fact that employers of the specialty "Finance" reviewed and reviews are given on the updated modular educational programs, educational and methodical complexes in the disciplines of undergraduate by the following employers:

1. Sarsembaev B.A. – master of economic and business, managing Director of VIP center of JSC «Jysan Bank»
2. Nurseit T.A. – chief manager of JSC «Agrocredit corporation».

Expected result of the educational program:

- release of financial analysts, competitive and in demand in the labor market, who are able to effectively adapt to the dynamically changing social and professional conditions of activity, with a high level of readiness to implement the basic professional functions that can constructively influence the nature and direction of development of professional areas of their activities, possessing the skills of organizational work and management.

3 Competence model (portrait) of the graduate

3.1 Areas of professional activity

Graduates in this specialty carry out professional, analytical, consulting activities in state bodies of various levels; financial companies, investment funds, economic services of enterprises and organizations of all forms of ownership, in positions requiring higher economic education, according to the qualification directory of positions of managers, specialists and other employees, approved by the resolution of the Minister of labor and social protection of the Republic of Kazakhstan № 201-P-M of 21.05.2012.

3.2 Types of professional activity

Bachelors can carry out their professional activities in the following economic activities:

- 64.11.0 Central Bank Activities
- 64.19.1 Banking, bill offices
- 64.19.9 Monetary intermediation of other financial institutions
- 64.30.0 Trusts, funds and other similar financial entities
- 64.91.0 Financial leasing
- 64.92.1 Operation of pawnshops
- 64.99.0 Other financial services, other than insurance and pension Fund services, not included in other groupings
- 65.11.1 State life insurance
- 65.11.2 Non-State life insurance
- 65.12.1 State damage insurance
- 65.12.2 Non-State damage insurance
- 65.30.1 State pension provision
- 66.11.0 The operation of the financial markets
- 66.12.0 Brokerage contracts of securities and commodities
- 66.22.0 Activities of insurance agents and brokers

3.3 General education competences

General education requirement:

-to have basic knowledge in the field of natural science (social, humanitarian, economic) disciplines that contribute to the formation of a highly educated person with a broad Outlook and culture of thinking;

-to have the skills of handling modern technology, to be able to use information technology in the field of professional activity;

- to have the skills to acquire new knowledge necessary for daily professional activities and continuing education in master's degree.

Instrumental skills

- work with computer
- written and oral communication in the native language
- knowledge of a foreign language, etc.

Social and personal, General cultural:

- To demonstrate universal norms of behavior and professional ethics.

- To understand the importance of environmental culture, the desire to preserve the environment.

- Promote a healthy lifestyle.

3.4 Core competencies

Demonstrate knowledge:

- on the processes and phenomena occurring in the national economy and in the organization of financial, banking, insurance and investment technologies

- on the basics of legal support of the economy and international relations;

- on scientific methods of knowledge in practice and the main problems in the management of the financial and credit system.

Know:

- economically justify the management decisions;

- compare and find differences in foreign experience to the domestic conditions of the financial system;

- navigate market trends for the stability of the financial system and the financial sector.

Have the skills:

- computer methods of collection, storage and processing of information;

- mathematical methods and modeling of financial processes;

- information and computer technology financial system.

3.5 Professional competence

Demonstrate knowledge:

– in the Finance organization and financial tools;

– in the field of financial and banking legislation;

– on management methods, rules and procedures of business organization;

– generalization and adaptation of international experience to the conditions of the modern financial system of Kazakhstan

Know to:

- apply methods of financial and economic analysis in practice;

- analyze financial statements;

- assess the risks of financial and investment decisions;

- develop investment projects and evaluate them when investing and financing;

Demonstrate skills:

- quantitative analysis and financial forecasting;

- preparation of business plans, development plans;

- reporting of financial market participants;

- on the balance of payments

- risk accounting of the main financial market instruments;

4 Base of professional practice

The educational program of bachelor degree includes three types of practices:

- 1) educational
- 2) industrial
- 3) pre-diploma

Educational practice - 2 credits. The purpose of the practice - to familiarize students with the principles of organization and operation of the object, the study of accounting and reporting, planning and valuation, financing and taxation, as well as the acquisition of skills in the PC and computer applications. Places of practice: state bodies of Republican and territorial level.

Industrial and pre-diploma practice - 8 credits. The purpose of the practice is to gain experience in planning and regulation, financing and taxation as well as in the analysis of the financial condition of commercial organizations. Places and bases of practice are: commercial banks, economic entities of various organizational and legal forms, state bodies of the national and territorial level, tax committees, insurance companies, pension funds.

5 Structure of the educational program

№	Name of cycles and disciplines	Workload	
		in academic hours	in academic credits
1	2	3	4
1	Cycle General-education disciplines (GED)	1680	56
	Compulsory component	1530	51
	Modern history of Kazakhstan	150	5
	Philosophy	150	5
	Foreign language	300	10
1)	Kazakh (Russian) language	300	10
	Information and communication technologies (English)	150	5
	Module of socio-political knowledge (sociology, political science, cultural studies, psychology)	240	8
	Physical culture	240	8
2)	High school component	150	5
	Component of choice		
	Economic theory	150	5
2	The cycle of basic disciplines (BD)	3360	112
1)	High school component	1650	55
1.	Basic law	90	3
2.	Mathematics in Economics	150	5
3.	Microeconomics	150	5
4.	Macroeconomics	180	6
5.	Management	150	5
6.	Marketing	150	5
7.	Statistics	180	6
8.	Finance	150	5
9.	Economics of enterprise	150	5
10.	Fundamentals of accounting	150	5
11.	Taxes and taxation	150	5
2)	Component по выбору	1710	57
1.	Foreign language extra / Money, credit and banks	180	6
2.	Professionally-oriented foreign language	90	3
3.	Professional Kazakh / Russian language	90	3
4.	Entrepreneurship	150	5
5.	Business communication	150	5
6.	Econometrics for business solutions / business process Modeling	150	5
7.	Business law / Entrepreneurship law / Labour law	150	5
8.	Economic analysis / business process Analysis	150	5
9.	Introduction to IFRS / Management accounting	150	5
10.	Banking	150	5
11.	Insurance / Public Finance and budget	150	5
12.	Industrial practice	150	5
3	Cycle of profile disciplines (PD)	1800	60
1)	High school component	1800	60
	Corporate finance	150	5
	Credit case / Innovative banking technologies	150	5
	Financial management	150	5
	Financial planning and modeling	150	5

	Insurance / Agricultural risk insurance	150	5
	Financing and lending investments in agriculture / Project financing	150	5
	Portfolio management / Stock markets and exchange business	150	5
2)	Component of choice		
	Financial risk management	150	5
	Features of Islamic Finance	150	5
	Financial recovery of the company	150	5
	Financial analysis of the company / State audit and financial control	150	5
	Industrial and pre-diploma practice	150	5
4	Additional training (Feb)		
1)	Component of choice		
5	Final certification	360	12
1)	Writing and defense of diploma work (project) or preparation and submission of comprehensive exam	360	12
	Subtotal	7200	240

