

**NON-COMMERCIAL JOINT STOCK COMPANY
"WESTERN-KAZAKHSTAN MARAT OSPANOV MEDICAL UNIVERSITY»**

Educational program 7M10106

"Medical and preventive work"

Group of educational programs - M145"Medical and
preventive work"

Level of the educational program: Masterprofile direction,
duration of study 1 year

2021-2022u.g.

Profile magistracy

-postgraduate education, the educational programs of which are aimed at training managerial personnel for health care with in-depth professional preparation.

The training is applied in nature and is aimed at developing management skills in all areas of activity. The task of the specialized master's program is to train professional managers and leaders.



Aim

educational programmagistracy7M10106"Medical and preventivebusiness" is the training of qualified specialists capable of comprehensively solving problems in the field of ensuring sanitary and epidemiological well-being, protecting and strengthening the health of the population.

Tasks educational program 7M10106 "Medical and preventive case" are:

- ✓ achieving a high quality of education through in-depth theoretical and practical training in the field of ensuring sanitary and epidemiological well-being;
- ✓ development of the student's ability to improve and self-development, the needs and skills of independent creative mastery of new knowledge throughout their professional activities;
- ✓ training of specialists with a high level of professional culture, including a culture of professional communication, who have a civil position, are able to formulate and solve modern, scientific and practical problems;
- ✓ successfully carry out research and management activities;
- ✓ providing undergraduates with fundamental knowledge at the intersection of sciences, guaranteeing them professional mobility in the real developing world;
- ✓ acquisition of skills in organizing and conducting scientific research.

- ✓ obtaining the necessary minimum knowledge in the field of psychology and management;
- ✓ improvement competencies to make managerial decisions taking into account the degree of risk of occurrence and spread of diseases;
- ✓ deepening the theoretical and methodological foundations of hygiene and epidemiology, improving their application in practice, taking into account the current characteristics of the incidence of the population and the factors that determine them;
- ✓ in-depth study of the legal and ethical aspects of conducting epidemiological studies;
- ✓ development a package of modern statistical programs;
- ✓ training of a specialist who has the skills to independently acquire and use new knowledge and skills in practical activities with the help of information technologies;
- ✓ mastering the skills of organizing preventive and anti-epidemic measures based on the results of epidemiological diagnostics;

PRIOR EDUCATIONAL REQUIREMENTS

At master's degree in educational program 7M10106 "Medical and preventive business" accepted persons who have mastered professional training programs of higher professional education in specialties:

M145- "Medical and preventive work": Higher professional education in the specialty 5B110400 - "Medical and preventive business", 5B130100 - "General medicine", 5B110200 - "Public health".


EDUCATIONAL PROGRAM

Duration learning by program profile magistracy is 1 year.

Content educational program of the master's program (profile direction) consists from:


- 1) theoretical education, including the study of cycles of basic and profiling disciplines (30 credits);
- 2) practical training of undergraduates: production practice (5 credits)
- 3) experimental research work, including the implementation of a master's degree project for profile magistracy (13 credits);
- 4) final attestation (12 credits)

60 credits /1800h



Requirements for the level of training of undergraduates are determined on the basis of learning outcomes that characterize the ability of students:

- Demonstrates knowledge and understanding of the interdisciplinary nature of public health research
- is able to acquire new knowledge and skills of an applied nature in research and professional activities in the field of public health protection and ensuring sanitary and epidemiological well-being.
- is able to solve problems in the field of ensuring sanitary and epidemiological well-being within the framework of his qualifications based on scientific approaches.
- uses scientific information to development of a policy and strategy in the field of sanitary and epidemiological well-being and introducing new approaches within their qualifications
- demonstrates professional growth and introspection skills.

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- able to summarize and formulate reports on data obtained from various epidemiological control systems
 - demonstrates skills in designing, coordinating, and evaluating preventive medicine research.
 - effectively uses statistical programs to carry out research projects.
 - owns the general rules for writing articles and training skills scientific materials for publication;
 - able to identify problems in ensuring the sanitary and epidemiological well-being of the population,
 - has the skills to develop scientific projects and preventive programs for the prevention of infectious and non-communicable diseases.
 - demonstrates skills conducting a scientific discussion, presentation of scientific data, including in a foreign language

Qualification characteristic:

Persons who have mastered the educational program of the master's program and successfully passed the final certification, are awarded the academic degree "Master of Health" according to the educational program 7M10106 "Medical and preventive business"


Organizations for the implementation of professional activities of graduates of the master's program are:

- **bodies health management**
- **medical organizations**
- **centers formation of a healthy lifestyle, organization of social security**
- **institutions sanitary and epidemiological control systems**
- **organizations of science**

Types of professional activity of master's degree graduates:

- research (employees of organizations of science)
- administrative and managerial (specialists of health authorities and administrative and managerial personnel of healthcare organizations)
- analytical (employees of information and analytical centers, institutions of sanitary and epidemiological control)
- expert advisory (experts, consultants in healthcare organizations, institutions of sanitary and epidemiological control)
- promotion of a healthy lifestyle (specialists in health promotion and disease prevention)

Departments

- Epidemiology
-  Hygienic disciplines with occupational diseases
- General hygiene
- Evidence-based medicine and scientific management

SCIENTIFIC SUPERVISORS MASTER STUDENTS



**Tusupkalieva Kymbat
Sharipovna**
Candidate of Medical
Sciences, Associate
Professor



**Bermagambetov
a Saule
Kabibollaevna**
Candidate of
Medical Sciences,
Associate
Professor



**Gaidai
Andrey
Nikolaevich**
PhD assistant
professor

Scientific achievements of leaders

Namemagazine	Impact-factor
Journal of Environmental Management and Tourism	0.2
Chemico-Biological Interactions	0.9
Complementary Medicine Research	1.7
International Journal Of Pharmaceuticals Research	0.8
Journal Of Global Pharma Technology	0.4
International Journal Of Molecular Sciences	1.4
Asian Pacific Journal Of Cancer	2.7
Australasian Medical Journal	1.7

Undergraduates

FULL NAME.	Dissertation topic
Mukhanbetova Gaukhar Bauyrzhankyzy	“Aktobe oblysynyn turgyndaryna perinataldyk kömek körsetu zhagdaylaryn medicinelyk-aleumettik bagalau»
Zhbaniyaz Gulzhayna Maratkyzy	"Aktobe kalasy turgyndarynyn COVID-19 infection (No. 3 kalalyk emkhana boyinsha)"

EDUCATIONAL TRAJECTORY

Modular curriculum

MODULE One. General education 10 credits

Foreign language (professional)

Psychology of management

Management

Applied biostatistics

MODULE 2. Epidemiology 10 credits

"Vaccinology»

"Scientific basis for disease surveillance»

"Project management in medical and preventive business"

MODULE 3. Hygiene issues 10 credits

"Socio-medical aspects of modern human nutrition"

"Fundamentals of the methodology for assessing the risk of hygienic factors of the environment and the production environment»

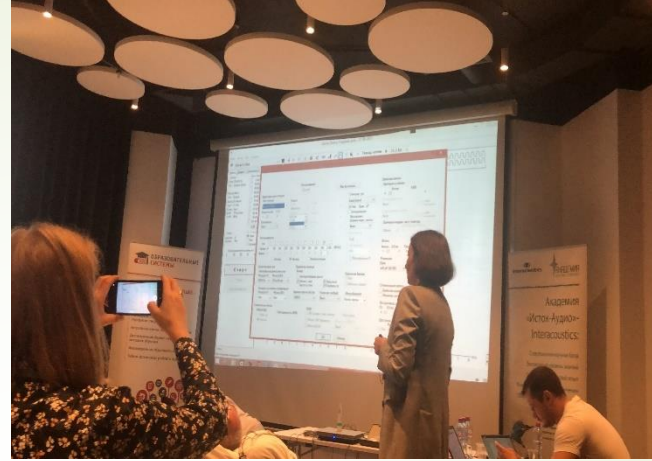
EDUCATIONAL TRAJECTORY

Production practice 5 credits (150 hours)

Experimental research work 13 credits (390 hours)

Final certification Preparation and defense of a master's thesis 12 credits (360 hours)

Scientific internship



SHYMKENT (Kazakhstan), South Kazakhstan Medical Academy
January, 2022

Internship



- At profile magistracy provides for an internship with a volume of 5 credits / 150 hours, is carried out with the aim of consolidating the theoretical knowledge gained by undergraduates in the learning process, acquiring practical skills, competencies and professional experience in this educational program of the magistracy, as well as mastering best practices.

As part of the implementation of master's projects, the internship took place on the basis of the Regional Perinatal Center, City Polyclinic No. 3 and the Department of Epidemiology



Innovative technologies



TBL (team based learning)

PBL (problem based learning)

discussion groups, brainstorming

individual-pair-group form of interaction of students

Remote technologies(Moodle, Zoom)

The work of undergraduates in the scientific and medical library of WK named after Marat Ospanov MU

