

Kazakh-National Medical University



Address: Almaty 050000, Kazakhstan

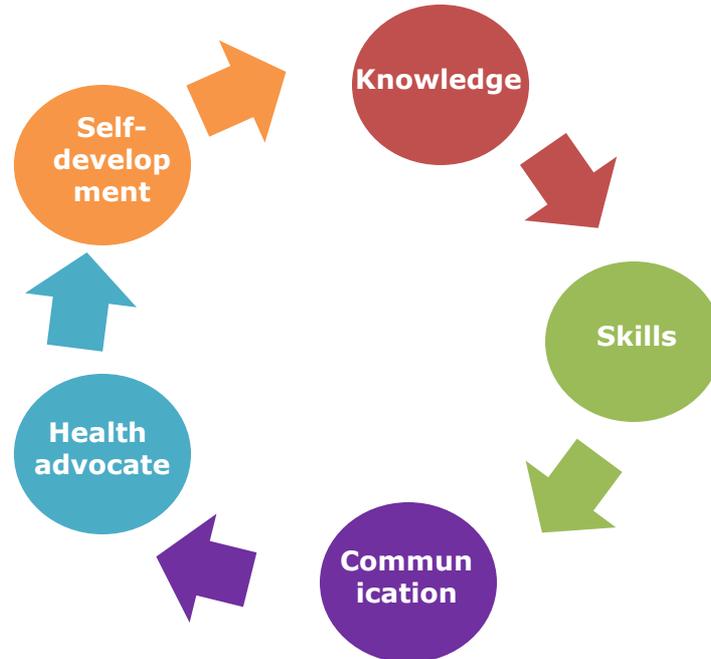
Bachelor of Medicine

- ❖ The BM program includes 5-year full-time study at KAZNMU International medical school.
- ❖ The BM program is an undergraduate program, leading to the awards of Bachelor of medicine, possessing all necessary competencies for professional activity.
- ❖ The program is the foundation for continuing professional education in the internship and residency in the specialties of postgraduate medical education or master's degree program (scientific-pedagogical directions).
- ❖ The BM program's aim is introducing best practices-recognized international medical schools experience into the educational process of Kazakh National medical university and is based on the competence approach.
- ❖ The program was developed with the help and assistance of the Dean of Nazarbayev University School of Medicine professor Massimo Pignatelli and Chair of the Department of Medicine at Nazarbayev University School of Medicine, professor Sandro Vento

Program objective:

Graduation of bachelor of medicine, who will be able to provide diagnostic and therapeutic care to the patient in the case of the most widespread somatic diseases in their typical manifestations in accordance with the principles of evidence-based medicine and modern achievements of medical diagnostic technologies.

Learning outcomes



Learning outcomes: professional knowledge and skills

- ❑to apply a detailed knowledge about the typical structure and functions of the body at the level of molecules to cells, organs and the whole organism;
- ❑to apply knowledge about the basic pathological processes and biological damage that they cause;
- ❑identify and interpret the clinical signs and symptoms, data of laboratory and instrumental patients research methods with the most common somatic diseases in their typical manifestations and in the age aspect;
- ❑to provide medical aid for the most common emergency and life-threatening states;
- ❑clinical knowledge and skills integration to ensure an individual approach in the treatment of particular patient;
- ❑to make professional decisions which are based on the analysis of the rationality of diagnosis and the principles of evidence-based medicine;

Learning outcomes –communication skills

- apply knowledge of the basic principles of human behavior for effective communication and the diagnostic and treatment process in compliance with the principles of ethics and deontology;
- apply knowledge of the psychology of the patient, taking into account cultural characteristics and race;
- demonstrate skills in team work, organization and management of diagnostic and therapeutic process;

Learning outcomes –health advocate

- apply knowledge of the principles and methods of formation of healthy lifestyle, individual and family health, population health;
- apply knowledge of the complex factors that determine health and disease prevention
- apply knowledge of rights, responsibilities and remedies of physician and patient, including the child as patient in professional activities;

Learning outcomes –professionalism and self-development

- to demonstrate commitment to professional values such as altruism, compassion, empathy, responsibility, honesty and adherence to principles of confidentiality;
- to demonstrate the need for continuous professional learning and improvement of their knowledge and skills throughout professional activity
- to demonstrate skills of research conduction, desire for new knowledge and transfer knowledge to others

1 year

**Modern history of Kazakhstan
Kazakh/Russian Foreign language IT**

**Chemistry Cell Biology
Biophysics Molecular biology**

**Introduction
in profession**

**Essential
physiology**

**Essential
anatomy**

**Essential
histology**

2 year

**Modul: anatomy, physiology,
histology, visual diagnostic**

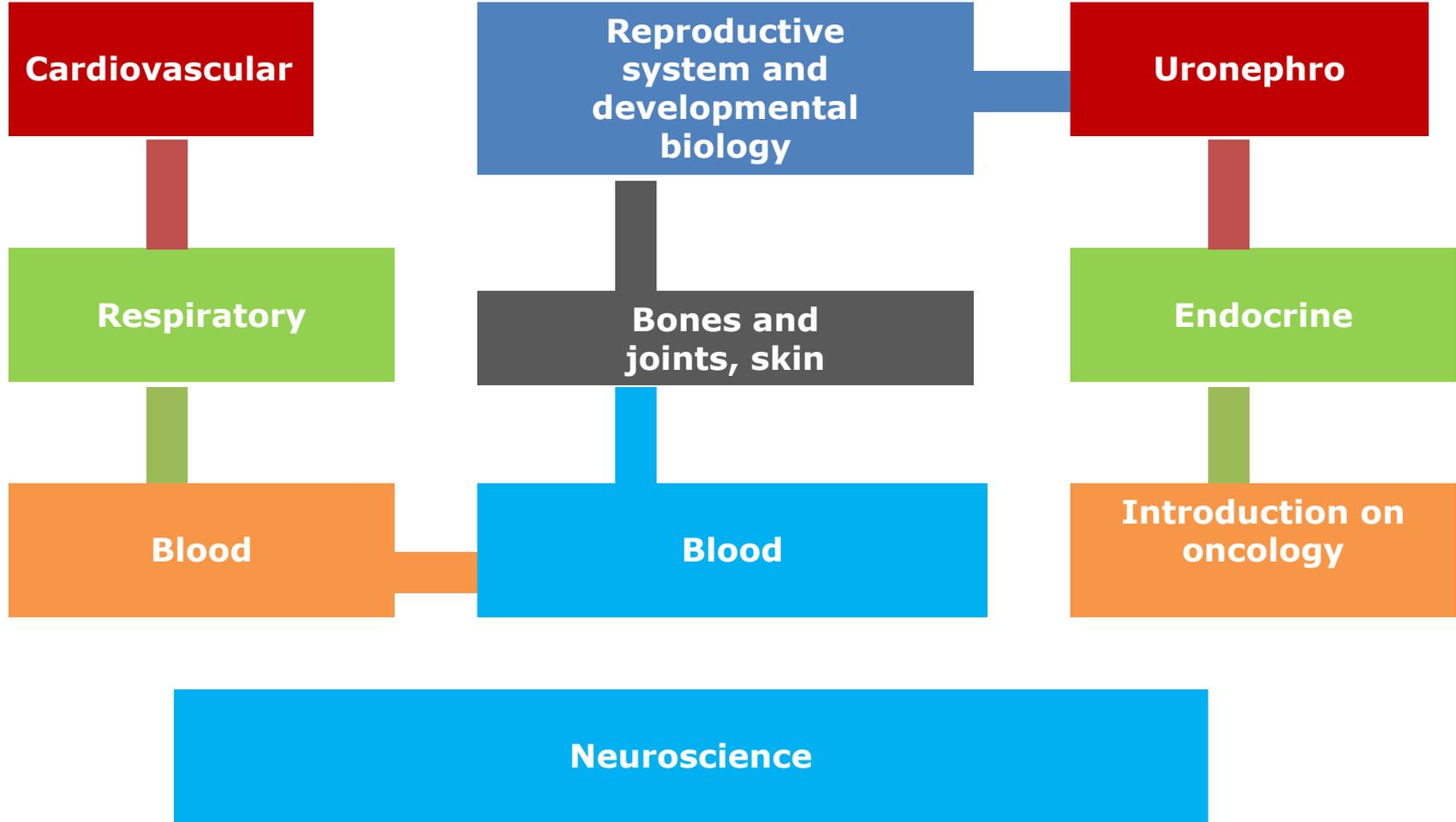
**Modul: pathology,
Pharmacology**

**Biochemistry
Medical genetics**

**Essential immunology
Microbiology**

**Behavioristics
Medical interview
/physical examination**

Modules organs and systems



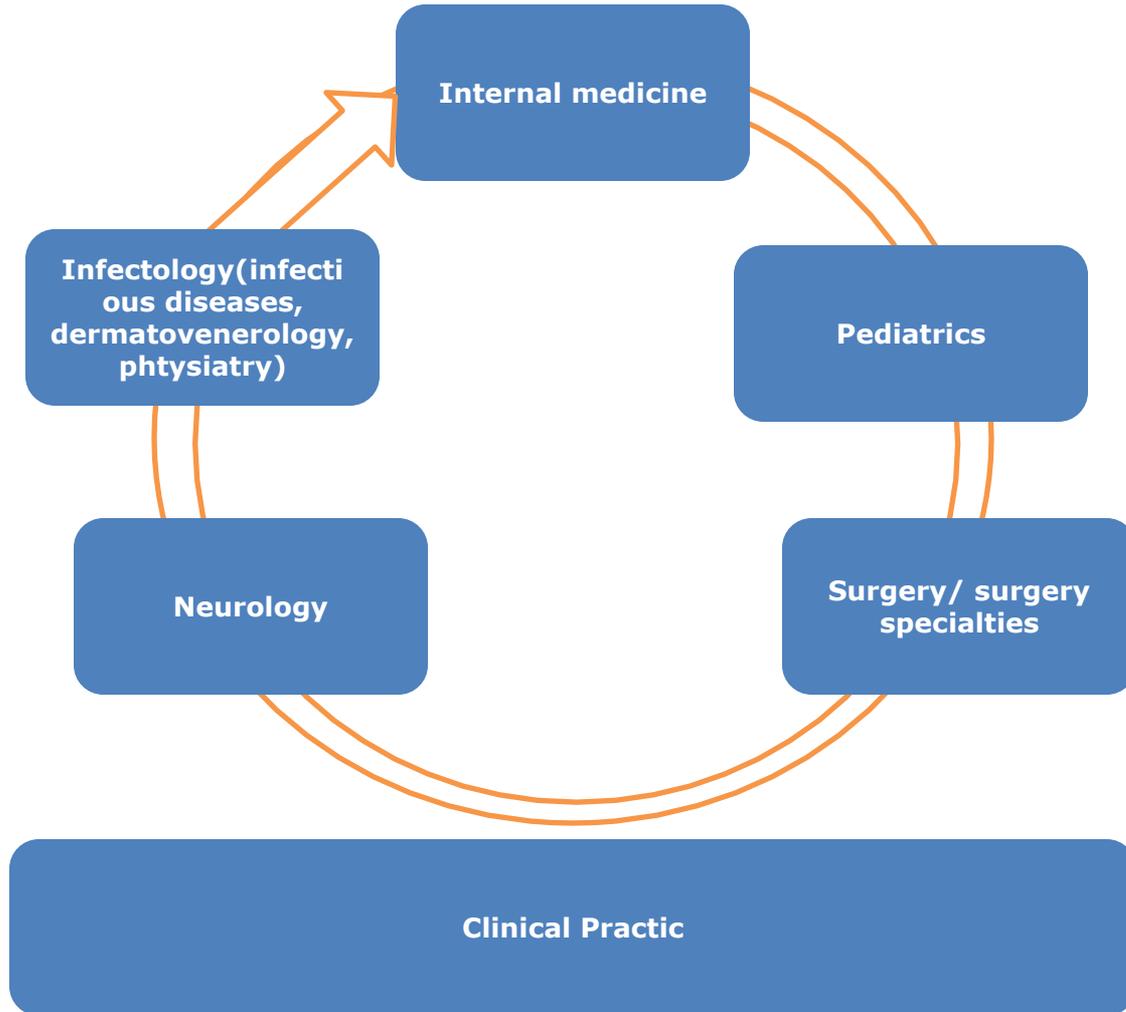
3 year

**Patient and society:
Epidemiology, public health, biostatistics**

Basic surgery/ clinical procedures

Professionally-oriented language

4 year



5 year

General practice (outpatient Internal diseases, surgery, O&G, pediatrics)

Emergency care
Medicine of
accidents

Public
health

Organosationa of GP
Medical Law

Psychiatry,
Necrology

Selective