

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION,  
MINISTRY OF SCIENCE, HIGHER EDUCATION AND INNOVATION  
OF THE KYRGYZ REPUBLIC**

Kyrgyz-Russian Slavic University  
named after the first President of the Russian Federation B.N. Yeltsin



## PROFESSIONAL CYCLE Endocrinology

### Abstract of the discipline (module)

Assigned to the department      **Therapies No1 (Pediatrics and Dentistry)**

Curriculum                              310501\_24\_2 1d in.plx  
Specialty 560001 - KR General Medicine  
(for international students)

Qualification                              **Doctor**

Form of study                              **Full-time**

The program was compiled by:      Uvaidillaeva F.T.

#### Distribution of hours of the discipline by semesters

| Semester<br>(<Course>.<Semester<br>on the course>)     | 6 (3.2) |      | Total |      |
|--|---------|------|-------|------|
|  | UP      | WP   | UP    | WP   |
| Weeks  | 18      |      |       |      |
| Type of classes  | UP      | WP   | UP    | WP   |
| Lectures   | 16      | 16   | 16    | 16   |
| Practical  | 24      | 24   | 24    | 24   |
| Contact work<br>during<br>the period of<br>theoretical | 0,3     | 0,3  | 0,3   | 0,3  |
| Including int.   | 4       | 4    | 4     | 4    |
| Total room.  | 40      | 40   | 40    | 40   |
| Contact work   | 40,3    | 40,3 | 40,3  | 40,3 |
| Himself. Work  | 31,7    | 31,7 | 31,7  | 31,7 |
| Total  | 72      | 72   | 72    | 72   |

### 1. OBJECTIVES OF MASTERING THE DISCIPLINE

|     |   |
|-----|---|
| 1.1 | The purpose of the discipline is to form students' fundamental knowledge, skills and abilities in the specialty of endocrinology. |
|-----|---|

### 2. THE PLACE OF THE DISCIPLINE IN THE STRUCTURE OF THE EDUCATIONAL PROGRAM

|                             |   |
|-----------------------------|---|
| Cycle (section) of the PLO: | B1.O.03   |
| <b>2.1</b>                  | <b>Requirements for the preliminary training of the student:</b>  |
| 2.1.1                       | Biochemistry  |
| 2.1.2                       | Normal physiology   |
| 2.1.3                       | Practicum in Physiology   |
| 2.1.4                       | Anatomy   |
| 2.1.5                       | Topographic Anatomy and Operative Surgery   |
| 2.1.6                       | Psychology of communication   |
| 2.1.7                       | Psychiatry, Medical Psychology  |
| 2.1.8                       | Practice in Emergency Medical Manipulations (Fundamentals of Emergency Care)  |
| 2.1.9                       | Latin   |
| 2.1.10                      | Bioethics   |
| 2.1.11                      | Pharmacology  |
| 2.1.12                      | General Surgery   |
| 2.1.13                      | Practical training to obtain professional skills and professional experience in the positions of paramedical personnel (Assistant procedural nurse) |
| 2.1.14                      | Propaedeutics of Internal Diseases  |
| 2.1.15                      | Occupational diseases   |
| 2.1.16                      | Practical training to obtain professional skills and professional experience in the positions of paramedical personnel (Assistant ward nurse)       |
| 2.1.17                      | Faculty Therapy   |
| 2.1.18                      | Therapeutic Practice (Physician Assistant)  |
| 2.1.19                      | Pathological anatomy  |
| 2.1.20                      | Orientation Practice (General Care for Therapeutic Patients)  |
| 2.1.21                      | Immunology  |
| 2.1.22                      | Fundamentals of research work   |
| 2.1.23                      | Radiation diagnostics   |
| 2.1.24                      | Pathophysiology, clinical pathophysiology   |
| <b>2.2</b>                  | <b>Disciplines and practices for which the development of this discipline (module) is necessary as a previous:</b>                                  |
| 2.2.1                       | Medical Rehabilitation  |
| 2.2.2                       | Sports Medicine   |
| 2.2.3                       | Immunoprophylaxis of infectious diseases  |
| 2.2.4                       | Infectious diseases   |
| 2.2.5                       | Practice in emergency medical manipulations (Assistant anesthesiologist - resuscitator)   |
| 2.2.6                       | Faculty Surgery   |
| 2.2.7                       | Hospital surgery  |
| 2.2.8                       | Anesthesiology, Resuscitation, Intensive Care   |
| 2.2.9                       | Surgical Profile Practice (Physician Assistant)   |
| 2.2.10                      | Outpatient surgery  |
| 2.2.11                      | Faculty Therapy   |
| 2.2.12                      | Hospital Therapy  |
| 2.2.13                      | Outpatient therapy with a course of gerontology   |
| 2.2.14                      | General Medical Practice (Outpatient Physician Assistant)   |
| 2.2.15                      | Research work   |
| 2.2.16                      | Family Medicine   |
| 2.2.17                      | Oncology, radiation therapy   |
| 2.2.18                      | Ophthalmology   |
| 2.2.19                      | Neurology, Medical Genetics, Neurosurgery   |

|        |                                      |
|--------|--------------------------------------|
| 2.2.20 | Gynecology                           |
| 2.2.21 | Outpatient Obstetrics and Gynecology |
| 2.2.22 | Clinical pathanatomy                 |

### 3. COMPETENCIES OF THE STUDENT FORMED AS A RESULT OF MASTERING THE DISCIPLINE (MODULE)

**PC-5: Able and willing to conduct and interpret interviews, physical examinations, clinical examinations, results of modern laboratory and instrumental tests, write a medical record of an outpatient and inpatient adult and child.**

**Know:**

- Methods of conducting research to identify the main pathological conditions, symptoms, disease syndromes, nosological forms.

**Be able to:**

- To comprehend the results of the study of the main nosological forms of diseases;

**Own:**

- Skills in identifying the main pathological conditions, symptoms, disease syndromes

**PC-8: Able and willing to apply up-to-date information on health indicators at the health care facility level.**

**Know:**

- Etiology, pathogenesis, clinical presentation of the main diseases with various nosological forms

**Be able to:**

- Correctly identify this disease

**Own:**

- Skills in analyzing various types of treatment of patients with different nosological forms

**PC-14: Able and ready to make a diagnosis based on the results of biochemical and clinical studies, taking into account the course of pathology in organs, systems and the body as a whole.**

**Know:**

- List and characteristics of accounting and reporting medical documentation in medical organizations of a medical profile;

**Be able to:**

- To compare various types and methods of treatment of patients with different nosological forms, to develop a plan for the treatment of diseases;

**Own:**

- Work skills and methods of accounting

**PC-15: Able and ready to analyze the patterns of functioning of individual organs and systems, use knowledge of anatomical and physiological features, basic methods of clinical and laboratory examination and assessment of the functional state of the body of an adult and children, for timely diagnosis of diseases and pathological processes.**

**Know:**

- Fundamentals of management in the field of public health and principles of organization in the field of health care

**Be able to:**

- Apply the principles of organization and management in the field of public health

**Own:**

- Basic principles of organization and management, and their structural subdivisions in the field of public health.

**PC-16: Able and ready to use the algorithm for making a diagnosis (main, concomitant, complications) taking into account the ICD, to perform basic diagnostic measures to identify urgent and life-threatening conditions.**

**Know:**

- The main directions of medical statistical indicators in the context of evidence-based medicine.

**Be able to:**

- Analyze medical indicators and their interpretation

**Own:**

- Basic skills of working with medical and statistical indicators

**As a result of mastering the discipline, the student must**

|  |                    |
|--|--------------------|
| <b>3.1</b>   | <b>Know:</b>       |
| - Methods of conducting research to identify the main pathological conditions, symptoms, disease syndromes , nosological forms.                    |                    |
| - Etiology, pathogenesis, clinical presentation of the main diseases with various nosological forms  |                    |
| - List and characteristics of accounting and reporting medical documentation in medical organizations of a medical profile;                        |                    |
| - Fundamentals of management in the field of public health and principles of organization in the field of health care                              |                    |
| - The main directions of medical statistical indicators in the context of evidence-based medicine.   |                    |
| <b>3.2</b>   | <b>Be able to:</b> |
| - To comprehend the results of the study of the main nosological forms of diseases;  |                    |
| - Correctly identify this disease  |                    |
| - To compare various types and methods of treatment of patients with different nosological forms, to develop a plan for the treatment of diseases; |                    |
| - Apply the principles of organization and management in the field of public health  |                    |
| - Analyze medical indicators and their interpretation  |                    |
| <b>3.3</b>   | <b>Own:</b>        |
| - Skills in identifying the main pathological conditions, symptoms, disease syndromes  |                    |
| - Skills in analyzing various types of treatment of patients with different nosological forms  |                    |
| - Work skills and methods of accounting  |                    |
| - Basic principles of organization and management, and their structural subdivisions in the field of public health.                                |                    |
| - Basic skills of working with medical and statistical indicators  |                    |