

**MINISTRY OF EDUCATION AND SCIENCE OF THE KYRGYZ  
REPUBLICAND**

**EDUCATIONAL AND PRODUCTION COMPLEX  
"INTERNATIONAL UNIVERSITY OF KYRGYZSTAN"**

**SYLLABUS**

in the discipline "**Basic Pharmacology**"  
for students of the specialty "General Medicine"

The syllabus was developed by: Ph.D. Toktonalieva N.U.  
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**2. The name and complexity of the discipline**

Course	Semester	Number of credits	Number of academic hours		Independent work		Total hours per semester
			Lectures	Practical classes	IWS	IWS	
2	3	4	36	36	30	18	120
	4	2	36	18	18	18	90
<b>TOTAL</b>		<b>6</b>	<b>72</b>	<b>54</b>	<b>48</b>	<b>36</b>	<b>210</b>

**3. The structure of the discipline (modules , sections)**

№ P / P	Section, Subjects Disciplines	Seme ster Seme ster	we ek	Types of academic work, including independent work of students and labor intensity (in hours)				Forms of current monitori ng of progress (by semester weeks) Interim assessm ent form (by semester )
				Lectu res	Sem.Cla sses	CD S	SRS iP	
<b>3 - semester.</b>								
1	Module №1. General recipe (general	3	1- 5	6	10	12	6	Oral question ing,

	<i>recipe: solid dosage forms, soft dosage forms, liquid dosage forms, dosage forms for injection); General pharmacology (fundamentals of pharmacokinetics and pharmacodynamics).</i>							<i>prescription rules. Solving situational tasks, tests. Test. Module 1</i>
2	<i>Drugs affecting the peripheral nervous system (drugs affecting the afferent and efferent nervous systems).</i>	3	6 - 10	10	10	8	4	<i>Oral questioning, solving situational problems, tests. Module 2</i>
3	<i>Drugs affecting the central nervous system (drugs for anesthesia, analgesics, drugs that depress the central nervous system, drugs that stimulate the central nervous system).</i>	3	11- 14	12	8	10	4	<i>Oral questioning, solving situational tasks, tests. Module 3.</i>
4	<i>Drugs affecting the cardiovascular system (antihypertensi</i>	3	15- 18	8	8	10	4	<i>Oral questioning, solving situation</i>

	<i>ve drugs, antianginal drugs, cardiotonics, etc.)</i>							<i>al problems, tests. Module 4.4</i>
<b>- semester.</b>								
5	<i>Means affecting the function of the executive organs and the processes of tissue metabolism.</i>	4	1 - 10	8	10	10	10	<i>Oral questioning, solving situational problems, tests. Module 5.</i>
6	<i>Anti-inflammatory, anti-allergic, chemotherapeutic agents.</i>	4	11 - 18	10	8	8	8	<i>Oral questioning, solving situational problems, tests. Module 6. 4.</i>

### Schedule of work acceptance

<b>semester</b>	<b>group</b>	<b>day of the week</b>	<b>time</b>	<b>place</b>
3	1-14	Monday	08.00-12.00	VMK 205
3	21-34	Monday	14.00-17.00	VMK 205

### 5. List of basic and additional literature

#### Main literature

1. lecture material;
2. KD Tripathi "Essentials of medical pharmacology";
3. Lippincott "Modern pharmacology with clinical applications";
4. US Food & Drug Administration <http://www.fda.gov/oc/oha/default.htm>.

### 7. Monitoring and evaluation of learning outcomes

Each module is evaluated on a 100 point system. The maximum score is 100. A student is allowed to pass the final control if he has a total score in the discipline for the exam of 40 or more points, for a test of 55 or more points. Attendance - 20 points. For each pass not completed, 2 points are deducted.

<b>Type of control (current, midterm, final)</b>	<b>Form of control</b>	<b>Assessment of learning outcomes</b>
Current control	Oral survey, written work	20 points
IWS + IWSF	Completion of tasks, work with literature	20 points
Midterm control (delivery of the module)	Testing, control tasks.	40 points
Final control	Conversation, examination tickets.	100 points

#### **8. Policy of the academic discipline (code of corporate culture, ethical code of the student):**

- Mandatory attendance of classes, without delay
- Active participation of the student in practical classes, preliminary preparation and homework.
- High-quality and timely execution of tasks for the IWS and IWSP.
- Participation in all types of control (current, midterm, final).
- Participation in Olympiads, scientific student conferences.
- Compliance with the rules of conduct, as well as discipline in the classroom.
- Showing respect and subordination to teaching staff, as well as to each other.
- Take an active part in social events, as well as in sports competitions.