


**The Ministry of Education and Science of the Kyrgyz Republic  
I.K. Akhunbaev Kyrgyz State Medical Academy  
Postgraduate Medical Education Division  
Department of Pharmacognosy and Chemistry of Drugs**

**ACADEMIC PLAN**

**Pharmaceutical Chemistry and Pharmacognosy**

**AGREED**

Management of human resources and  
organizational work of  
the Ministry of Health of KR



« 10 » 09 2020 .

**APPROVE**

Rector of KSMA,  
Professor I.O. Kudaibergenova



09 2020 .

Code– 086

Awarded qualification: Manager of pharmaceutical business

Statutory duration of study – 1 year

Form of study – full-time

	SES disciplines	Management of academic plan time based on study session		
		Overall learning composition by SSS		
		Credits	Hours	Weeks
	<b>I. Special ( Professional) discipline - 70%</b>			
1	State regulation of citizens' health protection and medicines circulation	9,6	288	6
2	Pharmaceutical management and marketing	22,4	672	14
3	Economics of pharmaceutical organizations	8	240	5
4	Organization of drugs supply	6,4	192	4
5	Medicinal and pharmaceutical commodity science	6,4	192	4
	<b>Total:</b>	<b>52,8</b>	<b>1584</b>	<b>33</b>
	<b>II. Related disciplines – 20%</b>			
1	Pharmacoeconomics	6,4	192	4
2	Clinical pharmacology and basics of pharmaceutical consulting	6,4	192	4
	<b>Total:</b>	<b>12,8</b>	<b>384</b>	<b>8</b>
	<b>III. Elective courses – 10%</b>			
1	Pedagogy and psychology	4,8	144	3
2	E-health. Digitalization of medicines circulation.	3,2	96	2
3	Monitoring of effectiveness and safety of drugs	3,2	96	2
	<b>Total:</b>	<b>8,0</b>	<b>240</b>	<b>5</b>
	<b>Attestation:</b>	<b>3,2</b>	<b>96</b>	<b>2</b>
	<b>TOTAL:</b>	<b>76,8</b>	<b>2304</b>	<b>48</b>

Acting Head of the E.S. Matyev Department of management and economics of pharmacy, pharmaceutical technology  
I.K. Akhunbaev KSMA, candidate of pharmaceutical sciences, acting associate professor

S.C. Dootalieva