

**Preparation of masters 35.04.06 - Agroengineering  
Master's program "AGROMECHATRONICS"**

№	Discipline distribution by semesters				Number of credit units			
	1 sem (9)	2 sem (A)	3 sem (B)	4 sem (C)	1 sem	2 sem	3 sem	4 sem
1				Economics and Management (Б)				4
2	Modern problems of production in agroengineering. Introduction to Agromechatronics (Б)				4			
3			Energy evaluation of technological processes and mechatronic systems (Б)				3	
4			Methods of expert analysis of the technical state of systems (Б)				4	
5	Theory of automatic control				3			
6		Information Technology				3		
		Computer graphics and its application						
7			Design of agromechatronic systems				5	
8	Basics of technical vision				3			
9				Methods for testing mechatronic systems				3
10				Methodology of scientific creativity in the professional sphere				4
				Fundamentals of Scientific Research				
11	Tribotechnical basis for increasing the operating				3			

	life of machines							
12			Design of technological and production processes				4	
13		Software and Programmable Modules				4		
14				Normative and legal support of professional activity				4
				Design of production facilities for small and medium-sized businesses				
15	Technical foreign language				3			
	Business foreign language							
16		Operation of agromechatronic systems in the production of AIC				5		
17		Mechatronic systems of processing enterprises				4		
Total hours					16	16	16	15