

Code n/a	Components of the educational program (education disciplines, course projects (paper), practice, qualification work)	Amount of credits	The final control
1. GENERAL TRAINING CYCLE			
Compulsory components of EPP			
1	Agricultural Policy	4	exam
2	Business Foreign Language	4	exam
3	Special Sections of High Mathematics	4	exam
4	Calculations of economic efficiency of scientific developments	4	exam
5	Safety in the Area	4	exam
Optional components of EPP			
<i>Optional subjects by Student's Choice</i>			
1	Optional subject 1	4	exam
2	Optional subject 2	4	exam
2. SPECIAL (PROFESSIONAL) TRAINING CYCLE			
Compulsory components of EPP			
6	Automated Accounting of Energy and Material Resources	4	exam
7	Features of computer modeling of systems of automation of biotechnical objects	4	exam
8	Automation of biotechnical objects: automation of technological processes	4	exam
9	Automation of biotechnical objects: automated process control systems	4	exam
10	Computer aided design systems for automation of biotechnical objects	4	exam
11	Installation, adjustment and operation of automation systems of biotechnical objects	4	exam
12	Artificial intelligence in automation systems of biotechnical objects	4	exam
13	Robotic Complex and Systems	4	exam
Optional components of EPP			
<i>Optional Block by specialty</i>			
<i>Optional Block 1 "Computer-Integrated Process Control Systems and production"</i>			
1.1	World experience of methods and means of modern automated process control	4	exam
1.2	Features of modeling of computer-integrated systems of automation of biotechnical objects	4	exam
1.3	Modeling and Identification of Biotechnical Objects in Agriculture	4	exam
1.4	Protection of information in automation systems	4	exam
<i>Optional Block 2 "Internet of Things"</i>			
2.1	Design of Internet systems of Things	4	exam
2.2	Cloudy Technology	4	exam
2.3	Maintenance of the Internet of Things	4	exam
2.4	Internet of Things programming	4	exam
The total amount of compulsory components		52	
The total amount of optional components		24	
3. OTHER TYPES OF TRAINING			
14	Practical Training	10	exam
15	Writing and Defense of Master's Thesis	4	Protection of qualification work
THE TOTAL AMOUNT OF EPP		90	