

HUMAN SAFETY

ANNOTATION

TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION

1-53 01 02 Automated information processing systems

1-53 01 02 01 Automated processing and display systems information

	Form of higher education	
	Full-time (daytime)	Part-time *
Course	2	2
Semester	3	3
Lectures, hours	34	8
Practical (seminar) classes, hours	16	4
Laboratory classes, hours	16	4
Exam, semester	3	3
Classroom hours per academic discipline	66	16
Independent work, hours	54	104
Total hours per academic discipline / credit units**	120/3	

1. Brief content of the academic discipline. The discipline "Human Safety" provides basic training for students necessary to make informed decisions to protect production personnel and the population from the possible consequences of accidents, emergencies, as well as to successfully resolve issues, the study of which is aimed at ensuring human safety from the negative effects of harmful and damaging factors of different origin during the operation of technological equipment, technical means and systems.

2. Learning outcomes: the student must:

know: ways to protect the population and eliminate the consequences of emergency situations; global and local environmental problems; principles of using alternative energy sources; the main provisions of regulatory legal acts in the field of labor protection management and fire safety in the Republic of Belarus;

be able to: apply means of protection against negative environmental influences; analyze the quality of the environment; economical and rational use of energy in the professional field; carry out a choice of methods to reduce the risk of negative consequences;

possess: the skills of making informed decisions to ensure the safety of the population; basic techniques for identifying environmentally friendly energy sources; skills to ensure comfortable conditions for human life.

3. Competences being formed: BOD-8 "Apply methods of protecting production personnel and the population from the impact of negative factors of anthropogenic, man-made, and natural origin, the principles of rational environmental management and energy conservation, and ensure healthy and safe working conditions."

4. Requirements and forms of current and intermediate certification: exam (oral and written form). To be admitted to the exam, a full-time student must successfully complete three individual tasks, as well as complete and defend all laboratory work. To be admitted to the exam, a part-time student must successfully complete and defend all laboratory work.