

## OCCUPATIONAL SAFETY AND HEALTH

(name of the discipline)

### ANNOTATION TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION

**Specialty** 1-53 01 02 Automated information processing systems

**Specialization** 1-53 01 02 01 Automated systems for processing and displaying information

	Form of higher education
	Full-time (daytime)
Course	1
Semester	2
Lectures, hours	10
Laboratory classes, hours	0
Credit, semester	2
Classroom hours in the academic discipline	10
Independent work, hours	26
Total academic hours/credits	36/1

#### 1 Purpose of the academic discipline

The purpose of the academic discipline is the acquisition by students of knowledge and practical skills on labor legislation, industrial sanitation, safety and fire safety for further use in their professional activities.

#### 2 Tasks of the academic discipline

The objectives of the discipline are:

-obtaining students' understanding of the current laws, rules and regulations on labor protection and the skills of using them;

- acquisition of knowledge and rules of conduct aimed at forming the ability to prevent the impact of harmful and (or) dangerous production factors or minimize their consequences for the preservation of life and health and ensuring normal working conditions;

As a result of the development of the academic discipline, the student must

To know:

- theoretical foundations of industrial safety, industrial sanitation and occupational health, personnel in the system "man - habitat";

- potential dangers and harmfulness of the production environment that forms working conditions, the causes of their occurrence;

- features of their impact on human health; principles of hygienic rationing and assessment of man-made factors;

- principles, methods and means of human protection.

can:

- assess the level of risk of injury and morbidity of workers associated with working conditions;

- carry out the selection, design and calculation of engineering-technical, ergonomic, sanitary-hygienic, socio-economic, legal and other methods and means to reduce the risk of negative consequences caused by an unfavorable production environment

possess:

- a methodology for instructing employees to ensure the safety of their work.

#### 3 The place of academic discipline in the training system in the system of training a specialist with higher education

The discipline "Labor protection" refers to optional disciplines. The study of the academic discipline "Labor Protection" contributes to the improvement of the humanitarian component in the training of specialists and is based on the knowledge gained in the study of general professional, socio-economic and natural disciplines.

#### 3. Competencies to be formed

Codes of generated competencies	Names of formed competencies
БПК-7	Apply methods to protect production personnel and the population from the impact of negative factors of anthropogenic, technogenic, natural origin principles of environmental management and energy conservation ensure healthy and safe working conditions

#### 4. Requirements and forms of current and intermediate certification.