

Course Description

Discipline: Health and Safety

Training programme for university staff “Health and Safety. Module 1”

Department of Ecology and Life Safety

Lecturer Yury V.Borodin, PhD

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Learning Outcomes:

Course Objectives and Content:

The objective of the course “Health and Safety” is to develop professional safety competence, which means the readiness and ability of the individual to use an obtained set of knowledge and skills to ensure safety in the area of professional activity, as well as the nature of thinking and values, in which safety issues are considered as a priority.

By the end of the course, the ability to determine the course's sphere of application in professional activity; the ability to identify harmful and hazardous factors of technosphere according to standards; the ability to choose methods of control and protection against harmful and hazardous factors of technosphere; the ability to identify emergency factors and ways of safety protection in emergency; the ability determine the requirements for workplace organization according to standards; the ability to identify negative factors of people's activity to environment and ways of environment protection.

Course Outline:

Section 1. Theoretical basis of “Health and Safety”

Section 2. Safety management

Section 3. Occupational health

Section 4. Occupational safety

Section 5. Safety in emergencies

Section 6. Environmental safety

Course Delivery: Third semester, 18 weeks

Prerequisites: Ecology, law science

Co-requisites: Academic research

Final Assessment: exam

Course Developer: Yury V.Borodin, PhD