

DISCIPLINE DESCRIPTION
"Safety of Human Life"

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| 1 | Specialized module | "Safety of Human Life" |
| 2 | Specialty | 1-24 01 01 International Law |
| 3 | Course of Study | 1 |
| 4 | Semester | 1,2 |
| 5 | credit units | |
| 6 | Degree, title, full name of lecturers | Master of Economics, Associate Professor Bakhmat A. |
| 7 | Objectives | Formation of culture of life safety for future specialists based on a system of social norms, values and attitudes that ensure the preservation of their life, health and working capacity in the conditions of constant interaction with the environment |
| 8 | Prerequisites | General professional disciplines |
| 9 | Syllabus | <p>The concept of emergency, their classification and brief description. System of protection against natural and man-made emergencies. Training the population in the field of protection against natural and man-made emergencies. Fire safety insurance at industrial and civil facilities, as well as the procedure of citizens' action in case of fire outbreak in buildings. Insurance of the passenger services safety in public transport and the procedure for action by passengers in case of dangerous incidents. Prevention of emergency situations at chemically hazardous facilities, organization and measures of chemical protection. The conditions requiring first aid. First aid for electrocuted persons, injured by lightning, fire, frostbitten, drowned. Radio-ecological situation in the Republic of Belarus after the disaster at the Chernobyl nuclear power plant. Biological effects of ionizing radiation upon the human body.</p> <p>The main measures to protect the population from radiation exposure in accidents at nuclear power plants. Climate change of the Earth, destruction of the ozone layer. Air and water pollution. The main air polluting components of indoor premise and their influence on the development of human pathology. Ecological nutrition problems. The main sources and consequences of drinking water pollution. Legislation of the Republic of Belarus in the field of environmental protection and rational use of natural resources. Requirements for industrial lighting, air gas composition, microclimate. Protection against non-ionizing electromagnetic radiation. Protection against dangerous and harmful factors while working on personal computers.</p> |
| 10 | References | 1. Дорожко, С.В. Защита населения и объектов в чрезвычайных ситуациях. Радиационная безопасность : |

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| | | <p>пособие. В 3 ч. Ч.1. Чрезвычайные ситуации и их предупреждение / С.В.Дорожко, И.В.Ролевич, В.Т.Пустоват. – Минск : Дикта, 2009, 2010.</p> <p>2. Сидоренко, А.В. Защита населения и объектов в чрезвычайных ситуациях. Радиационная безопасность : курс лекций / А.В. Сидоренко. – Минск : Акад. упр. при Президенте Респ. Беларусь, 2010.</p> <p>3. Первая медицинская помощь населению в чрезвычайных ситуациях : пособие для студентов / В.И.Дунай [и др.]. – Минск : БГУ, 2011.</p> |
| 11 | Teaching Methods | <p>Explanatory and illustrative, elements of problem –based learning (problem presentation, variable presentation, partial research method) implemented in lectures; elements of educational and research activities, of creative approach, applied at classes (or laboratory work) and at self-study work; communication technologies (discussion, educational debate, brainstorming and other forms and methods), used at practical classes and at conferences.</p> |
| 12 | Tuition Language | Russian |