

**Abstract to Discipline Course Plan**  
**"Life Safety"**

Purpose of study	<ul style="list-style-type: none"> <li>- promote the development of professional competence of students through the formation of a safe type of thinking and health-saving behavior;</li> <li>- prepare students for proactive comprehensive actions to protect life and health from dangers of natural, man-made and social nature.</li> </ul>
Place of discipline in the academic program	U 1.C.3*
Competencies to be acquired	UC-8
Acquired knowledge, skills and abilities	<p><b>Know:</b> basic man-made dangers, their properties and characteristics, the nature of the impact of harmful and dangerous factors on humans and the natural environment, methods of protection against them in relation to their professional activities; theoretical basis of life safety in emergencies; possible consequences of accidents, disasters, natural hazards and how to use modern means of destruction; legal, regulatory, technical and organizational basis for life safety; anatomical and physiological consequences of human exposure to tra</p> <p><b>Be able to:</b> identify the main dangers of human environment, assess the risk of their implementation, choose methods of protection from hazards in relation to their professional activities and ways of ensuring comfortable living conditions; make decisions on appropriate actions in emergencies; recognize life disorders in case of emergency conditions and injuries; ensure life safety in carrying out professional activities and environmental protection; provide first aid to the injured.</p> <p><b>Have the following skills and (or) experience:</b> Legislative and legal acts in the field of safety and environmental protection, safety requirements of technical regulations in the field of professional activity; basic methods of protection of production personnel and population in case of emergencies; methods of first aid to victims in emergencies and extreme situations; methods and technologies of protection in emergencies; methods and ways of use of personal protective equipment in emergencies; conceptual and terminological apparatus in the field of safety; skills to rationalize professional activities to ensure safety and environmental protection.</p>
Content of the discipline	Man and Environment. Protection of Population and Territories from Emergency Situations. Safety of Activities in Emergencies and in Manufacturing Facilities.
Types of educational activities	Lectures, practical classes, independent study.
Information, instrumental and software tools used	<p>Microsoft Windows 7-Zip AcrobatReader Law reference system "ConsultantPlus" (the installed resource of Altai State University or <a href="http://www.consultant.ru/">http://www.consultant.ru/</a>).</p> <p>Electronic database "Scopus" (<a href="http://www.scopus.com">http://www.scopus.com</a>); Electronic library system of Altai State University (<a href="http://elibrary.asu.ru/">http://elibrary.asu.ru/</a>); Scientific electronic library elibrary (<a href="http://elibrary.ru">http://elibrary.ru</a>)</p>
Midterm evaluation	Credit

\*(U- unit, C-compulsory discipline)