

ANNOTATION OF DISCIPLINE

1.	Module (discipline)				
	Chemistry 1.6.				
2.	Symbol (code)			DISC.B.M4	
3.	Specialty (OOP)			21.03.01 «Oil and gas proceeding»	
4.	Specialization program				
	«Development and exploitation of oil and gas fields»				
5.	Qualifications (degree)			Bachelor	
6.	Providing department			GCCT, HTFI	
7.	Lecturer:				
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8.	The results of the development of the module (discipline)				
	<p>The results of discipline will be achieved:</p> <p>Result No. 1. The student will demonstrate a knowledge and understanding of the fundamental laws of chemistry and chemical reactions, knowledge of the properties and methods for producing substances.</p> <p>Result No. 2. The student will perform stoichiometric calculations; to determine the possibility of thermodynamic chemical processes; to record the reactions of chemical transformations of substances and their preparation; to draw analogies to change the properties of chemical compounds.</p> <p>Result No. 3. The student will identify the relationship between the structure, properties and reactivity of chemical compounds.</p> <p>Result No. 4. The student will apply this knowledge to determine, formulate and solve problems related to professional activities.</p> <p>Result No. 5. The student will independently acquire knowledge and skills related to chemistry issues for professional development.</p>				
9.	The content of the module (discipline) (the list of the main themes / topics)				
	Section 1. Basic laws and concepts of chemistry Section 2: Structure of Matter Section 3. Mechanism of chemical reactions Section 4: Solutions Section 5. Special Chemistry issues				
10.	Course	1	Semester	1	Amount of credits 3
11.	Prerequisites				

	<i>The chemistry course of the school</i>	
12.	Korrektivizity	
	<i>1.6 Mathematics, Ecology</i>	
13.	Certification	Exam
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