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Информация о владельце:
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Annotation to the work program of the discipline

Name disciplines	**Химия нефти и газа / Petroleum Chemistry**
Summary	Modern ideas about the formation of oil and gas. General properties and classification of oils: fractional and chemical composition of oil, chemical classifications, technological classification. Properties of oil and oil products: density, molecular weight, viscosity, crystallization temperature, turbidity, solidification, flash, ignition and self-ignition, optical properties. Methods for separating oil and oil products. Methods for studying the composition of oil and oil products. The main classes of oil hydrocarbons: alkanes, cycloalkanes, arenes and hybrid hydrocarbons; heteroatomic compounds and mineral components of oil.
The results of mastering the discipline	compares the technology of carrying out standard experiments on standard equipment in the laboratory and in production; processes the results of research activities using standard equipment, instruments and materials; owns the technique of experimentation using software packages.
labor input, cu.	3
Forms reporting (including by semesters)	Exam
List of basic and additional literature required formastering the discipline	
Main literature	1. Ryabov, V. D. Chemistry of oil and gas [Text]: a textbook for students of higher educational institutions / V. D. Ryabov. - Ed. 2nd, rev. and additional - Moscow: Publishing House "FORUM": INFRA-M, 2014. - 334 p.
Additional literature	1. Oil refining technology: at 2 o'clock: study guide / [O. F. Glagoleva, V. M. Kapustin, T. G. Gyulmisaryan [and others]]; ed. O. F. Glagoleva, V. M. Kapustina, Part 1, Primary oil refining. - M.: Chemistry: KolosS, 2005. - 400 p. - Grip: Extra. MO. 2. Chemistry of oil and gas: textbook for universities / ed. V.A.
	Proskuryakov, A. E. Drabkin. - Leningrad: Chemistry, 1981. - 359 p. 3. Chemistry of oil and gas: textbook for universities / ed. V. A. Proskuryakova, A. E. Drabkina. - [2nd ed., revised]. - Leningrad: Chemistry, 1989. - 424 p. 4. Chemistry of oil / ed. Z. I. Sunyaeva. - Leningrad: Chemistry, 1984. - 360 p. 5. Pereverzev, A.N. (North Caucasian state technical university). Technology of oil and gas: textbook / A. N. Pereverzev. - Stavropol : SevKavGTU, 2001. - 143 p.