

Master's program curriculum

«38.04.02_15 Management in the oil and gas complex»

Index	Name	Total Hours	Total Credits	Semester	Assessment
K.M. Complex modules			120		
K.M.01	General scientific module	324	9		
K.M.01.01	Foreign language in professional communication	108	3	1	Graded assessment
K.M.01.02	History and methodology of science	108	3	1	Pass/Fail assessment
K.M.01.03	Digital resources in scientific research	108	3	1	Pass/Fail assessment
K.M.02	Basic referral module	468	13		
K.M.02.01	Analytical management technologies	180	5		
K.M.02.01.01	Research methods in management	72	2	1	Pass/Fail assessment
K.M.02.01.02	Modern strategic analysis	108	3	1	Graded assessment
K.M.02.02	Managerial economics	144	4	1	Examination
K.M.02.ДВ.01	Disciplines (modules) optional 1 (DI.1)	144	4		
K.M.02.ДВ.01.01	Corporate financial reporting	144	4	3	Examination
K.M.02.ДВ.01.02	Corporate finance	144	4	3	Examination
K.M.03	Profile module	1188	33		
K.M.03.01	Innovative management methods	180	5		
K.M.03.01.01	Project management in the oil and gas complex	108	3	3	Examination
K.M.03.01.02	Logistics and supply chain management in the oil and gas complex	72	2	2	Graded assessment
K.M.03.02	Economics and Management at Petrochemical Enterprises	360	10		
K.M.03.02.01	Economics and management at oil and gas enterprises	144	4	2	Examination, Course project
K.M.03.02.02	Innovative methods and technologies for the development of hydrocarbon raw materials	72	2	3	Graded assessment
K.M.03.02.ДВ.01	Disciplines (modules) optional 1 (DI.1)	144	4		
K.M.03.02.ДВ.01.01	Legal framework for subsoil use in the oil and gas complex	144	4	2	Graded assessment

K.M.03.02.ДВ.01.02	Legal regulation in the oil business	144	4	2	Graded assessment
K.M.03.03	Project management in the oil and gas complex	144	4		
K.M.03.03.01	Innovative methods of oil and gas exploration	72	2	3	Pass/Fail assessment
K.M.03.03.02	Oil and gas industry process control	72	2	3	Pass/Fail assessment
K.M.03.04	Market Analysis	180	5		
K.M.03.04.01	Oil business pricing and taxation system	72	2	3	Pass/Fail assessment
K.M.03.04.02	Assessment of the economic efficiency of innovative projects in oil and gas companies	3	108	1	Graded assessment
K.M.03.05	Control systems and economic efficiency in the oil and gas industry	252	7		
K.M.03.05.01	Automation and control systems in the oil and gas industry	108	3	2	Examination
K.M.03.05.02	Assessment of the economic efficiency of innovative projects in oil and gas companies	144	4	2	Examination
K.M.03.06	Registration and presentation of research results	72	2	4	Pass/Fail assessment
K.M.04	Mobility module	180	5		
K.M.04.ДВ.01	Additional profile disciplines	180	5		
K.M.04.ДВ.01.01	Career adaptability	180	5	3	Pass/Fail assessment
K.M.04.ДВ.01.02	Educational foresight	180	5	3	Pass/Fail assessment
K.M.05	Project activity module	1944	54		
K.M.05.01(У)	Practice for obtaining primary professional skills	216	6	2	Pass/Fail assessment
K.M.05.02(П)	Practice for obtaining professional skills and professional experience	324	9	4	Pass/Fail assessment
K.M.05.03(Пд)	Undergraduate practice	324	9	4	Graded assessment
K.M.05.04(П)	Research work (concentrated)	216	6	4	Graded assessment
K.M.05.05(П)	Research work (dispersed), part 1	288	8	1	Pass/Fail assessment
K.M.05.06(П)	Research work (dispersed), part 2	288	8	2	Pass/Fail assessment

K.M.05.07(Π)	Research work (dispersed), part 3	288	8	3	Pass/Fail assessment
K.M.06	State final certification	216	6		
K.M.06.01(Δ)	Defense of the final qualifying work, including preparation for defense and defense procedure	216	6		
ΦΤΔ. Electives		144	4		
Variable part		144	4		
ΦΤΔ.Β.01	Adaptation module	144	4		
ΦΤΔ.Β.01.01	Basics of work in EIOS	36	1	1	Pass/Fail assessment
ΦΤΔ.Β.01.02	Econometric data analysis	108	3	3	Examination

Basic part – 18 Credits*

Variable part, compulsory disciplines – 34 Credits *;

Variable part, optional disciplines – 8 Credits *;

Practice block – 54 Credits *;

State final certification – 6 Credits *;

*1 ECTS – 36 hours.

Calendar curriculum

Month	September					October				November				December				January				February				March					April				May				June				July			August						
Dates	1-7	8-14	15-21	22-28	29-5	6-12	13-19	20-26	27-2	3-9	10-16	17-23	24-30	1-7	8-14	15-21	22-28	29-4	5-11	12-18	19-25	26-1	2-8	9-15	16-22	23-1	2-8	9-15	16-22	23-29	30-5	6-12	13-19	20-26	27-	4-10	11-17	18-24	25-31	1-7	8-14	15-21	22-28	29-5	6-12	13-19	20-26	27-2	3-9	10-16	17-23	24-31
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
I																																																				
II																																																				

Summary

	First year of studies			Second year of studies			Total
	Sem. 1	Sem. 2	Total	Sem. 3	Sem. 4	Total	
	15 1/6	15 1/6	30 2/6	14 1/6	1 1/6	15 2/6	45 4/6
Э Exam sessions	3 2/6	2 3/6	5 5/6	3 1/6	3/6	3 4/6	9 3/6
У Study practice		4	4				4
П Industrial practice				9 5/6	9 5/6	9 5/6	9 5/6
Пд Undergraduate practice				6 5/6	6 5/6	6 5/6	6 5/6
Д Defense of the final qualifying work, including preparation for the defense procedure and defense procedure				4	4	4	4
К Holidays	1	8 2/6	9 2/6	1	8 4/6	9 4/6	19
* Non-working holidays (not including Sundays)	3/6 (9 д)	1 (6 д)	3/6 (15)	4/6 (10)	1 (6 д)	2 (16)	5 (31)
Duration of study (excluding non-working holidays and vacations)	More than 39 w			More than 39 w			
Total	21	31	52	20	32	52	104