



WORKING CURRICULUM
of the educational program for 2021-2022 academic year admission
Educational program 7M07213 - "Petroleum engineering"
Group of Educational programs M115 - "Petroleum engineering"

Full-time study

Study duration: 1 years

Academic degree: master of engineering and technologists

year of study	Code	Name of course	Component	Academic credits	Total hours	audience volume, lec/ lab/ pr	SIW (including SIWT) in hours	Prerequisites	Code	Name of course	Component	Academic credits	Total hours	audience volume, lec/ lab/ pr	SIW (including SIWT) in hours	Prerequisites
1	I semester								I semester							
	LNG210	Foreign language (professional)	BD IC	5	150	0/0/3	105		AAP208	Work placement	PD OC	6				
	MNG725	Management	BD IC	3	90	2/0/1	60		PET271	Corrosion of main pipelines and oil and gas storage facilities	BD OC	4	120	2/0/1	90	
	HUM208	Management Psychology	BD IC	3	120	1/0/1	90		AAP207	Master's student experimental research work, including internship and master's project implementation	MSERW	13				
	PET266	Theory of motion of gas-liquid mixtures	PD IC	5	150	2/0/1	105		ECA206	Registration and defense of the master's thesis	FA	12				
	PET231	Advanced Gas Engineering	PD OC	5	150	2/0/1	105									
	PET216	Petroleum Reservoir Simulation: Black-Oil Model	PD OC	5	150	2/0/1	105									
	PET264	Applied well stimulation	PD OC	5	150	2/0/1	105									
	In total			31					In total			35				

Decision of the Academic Board of KazNRTU after K.Satbayev. Protocol No. 3 of " 25.06 " 20 20

Decision of the Academic Board of the Institute. Protocol No. 5 of " 20 " 12 " 20 20

Number of credits for the whole period of study	
Cycles of disciplines	Credits
The cycle of general education	
A cycle of basic disciplines (BD IC, BD OC)	15
A cycle of profile disciplines (PD IC, PS OC)	26
All on the theoretical classes:	41
MSERW	13
Registration and defense of the master's thesis	12
In total	66

Vice-Rector for Academic Affairs

 B. Zhautikov

Director of the Institute

 A. Syzdykov

Head of the Department

 G. Yelgabayeva

Representati

 N.A. Nysangaliev