



APPROVE

Chairman of the Management Board-
Rector of KazNTU named after K.I.Satpayev
M.M. Begentaev
2021.

MODULAR EDUCATIONAL PROGRAM for recruitment to 2021-2022 academic year
Educational program 7M07213 - "Petroleum Engineering"
Group of educational programs M115 - "Petroleum Engineering"

Form of study: full-time

Duration of study: 1 years

Academic degree: Master of Technical Sciences

Year of study	Discipline code	Name of disciplines	semester	Cycle	Credits	Total hours	classroom volume of lek/lab/pr	SRS (including SRSP) in hours	Form of control	Competencies
Basic training module										
University component										
1	LNG210	Foreign language (professional)	1	BD IC	5	150	0/0/3	105	E	BC 2,4
1	MNG725	Management	1	BD IC	3	90	2/0/1	60	E	BC 2,3,4
1	HUM208	Management Psychology	1	BD IC	3	90	1/0/1	60	E	BC 2
Profile training module										
Component of choice/University component										
1	PET266	Theory of motion of gas-liquid mixtures	1	PD OC	5	150	2/0/1	105	E	BC 1,3 PC 1,2,6
1	PET231	Advanced Gas Engineering	1	PD OC	5	150	2/0/1	105	E	BC 1,3 PC 1,2,3
1	PET216	Petroleum Reservoir Simulation: Black-Oil Model	1	PD OC	5	150	2/0/1	105	E	BC 3 PC 3,4,5
1	PET212	Applied well stimulation	1	PD OC	5	150	2/0/1	105	E	BC 1, PC 2,5,6
Practice-oriented module										
1	AAP208	Work placement	1	PD OC	6				Report	BC 1-4, PC 1-6
Research module										
	AAP207	Master's student experimental research work, including internship and master's project implementation	1	MSRW	13				Report	BC 1-4, PC 1-6
Final certification module										
Required component										
	ECA206	Registration and defense of the master's thesis (RaDMT)		FA	12				Defense of dissertation	BC 1-4, PC 1-6

The number of credits for the entire period of study	
Discipline cycles	Credits
Cycle of basic disciplines (BD IC, BD OC)	11
Cycle of special disciplines (PS IC, PS OC)	20
Total of theoretical study :	37
MSRW	13
Writing and defending a doctoral dissertation	12
TOTAL:	62

The decision of the Academic Council of Kazntu named after K.Satpayev. Protocol № 3 "25" 06 2021г.

Decision of the Academic Council of the Institute _____, Protocol № 5 "24" 12 2020г.

Vice-Rector for Academic Affairs

B.A.Zhautikov

Director of the Institute GandOB

A.H. Syzdykov

Head of the Department "Petroleum engineering"

G.Zh.Yeligbayeva

Representative of the Specialty Council from employers

N.A. Nysangaliev