MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY named after K.I.SATPAYEV





CURRICULUM
of Educational Program on enrollment for 2022-2023 academic year

Educational program 7M07207 - "Oil and gas geology" Group of educational programs M121 - "Geology"

	Name of disciplines	Duration of st					A	ademic dogs 3	A 25		
Discipline of		Cycle	Total amount in credits	Total hours	Classroom amount lec/lab/pr	SIS (including TSIS) in hours	Form of control	ademic degree: Master of engineering science Allocation of face-to-face training based on courses and semester			
CYCLE OF	F BASIC DISCIPLINES (BD)								course	2	course
CTCLE OF	BASIC DISCIPLINES (BD)							1 semester	2 semester	3 semester	4 semes
LNG210	English (professional)		M-1. Module	of basic training	(university com	nonent)					
HUM214	Management Psychology	BD UC	5	150	0/0/3	105	ъ Т				
HUM212	History and philosophy of science	BD UC	3	90	1/0/1	60	Е	5			
HUM:213	Higher school pedagogy	BD UC	3	90	1/0/1	60	E		3	1	
		BD UC	3	90	1/0/1	60	E		3		
GEO299	Oil and gas hydrogeology	BD CCH		component of	choice	- 00	E	3			
GEO275	Oil and gas systems	ВИССН	5	150	21011						
GEO704			-	130	2/0/1	105	E	5	1		
	Interpretation of geological and geophysical data for the purpose of estimating oil and gas reserves and resource	BD CCH	5	150)					
GEO757	Evolution of sedimentary rock formation		3	150	2/0/1	105	E	5			
3EO743	Lithology of natural oil and gas reservoirs	-						-			
EO759	Basin modeling	BD CCH	5	150	2/0/1	105	P.				
					2.071	103	Е			5	
TCLE OF I	PROFILE DISCIPLINES (PD)										
		M-2.	Module of sedimentoren	orio and 1							
EO287	Organic Geochemistry and Paleobiomarkers	PD UC	Module of sedimentogen	esis and organic	geochemistry (u	niversity componer	nt)				
EO263	The analysis of sedimentary basing		5	150	2/0/1	105	E	5			
EO745	Sedimentation and facies conditions during the formation	1		150	2/0/1	105	E		5		
EO703	of on and gas complexes	I PD UC I	5	150	2/0/1	105	Е				_
5070,7	Paleo-temperature regimes of the subsoil, the genesis and migration of hydrocarbons	PD UC	5	150	2/0/1	105	E			5	
EO742			M-3. Module o	f Geological expl	amatian and		L				
30742	Aerospace methods in the search for oil and gas fields	PD UC			or ation and mod	eling					
EO292	Prediction and assessment of oil and gas	1000	5	150	2/0/1	105	Е	5			
	resources	PD UC	5	150							
O701	Geostatistics in field and field geological research		,	150	2/0/1	105	E	1		5	
0744	Regional and local modeling of the evolution of	PD UC	5	150	2/0/1	105	Е			3	
	sedimentary basins	PD UC	5			103	E		5		
0746	Theoretical and methodological patterns of allocation of	1000	3	150	2/0/1	105	E		5		
	resources and hydrocarbon reserves on the shelf and water area	PD UH	5	150	2/0/1	105	Е		,		
P229			M-4	Practice-oriente	3				1	5	1
	Pedagogical practice	BD UC	6	Tactice-oriente	a module						
P256	Research practice	PD UC	4						6		
				r owler out 1							
P251	Research work of a master's student, including internship		2 NI-5. EX	perimental resea	rch module						4
erene Eur	and completion of a master's thesis	RWMS UC	-					2			
2241	Research work of a master's student, including internship and completion of a master's thesis	RWMS UC	3						3		
254	Research work of a master's student, including internship and completion of a master's thesis	RWMS UC	5						,		
255	Research work of a master's student, including internship and completion of a master's thesis	RWMS UC	14							5	
			MAX	fodule of final at							14
205	Preparation and defense of a master's thesis	EA		indule of final at	testation						
	Total based on UNIVERSITY:	FA	12								
	- John Ersin;						_				12
							-	25	25	30	30

	Number of credits for the entire p	eriod of study				
	Cycles of disciplines	Credits				
Cycle code			university component (UC)	component of choice (CCH)	Total	
BD	Cycle of basic disciplines			S -E		
PD	Cycle of profile disciplines		.20	15	35	
			-19		49	
	RWMS Total for theoretical training:	0	(19	15	84	
FA	Final attestation				24	
	TOTAL	12			12	
	TOTAL:	12	69	15	120	

Decision of the Academic Council of Kazntu named after K.Satpayev, Protocol No. Lor "28" 04 20 24.

Decision of the Educational and Methodological Council of Kazntu named after K. Satpayev. Protocol Na 4 or "26" D4 20 22

Decision of the Academic Council of the Institute____

_. Protocol No 10 "30" 12 2021y

Vice-Rector for Academic Affairs

Director of Geology, petroleum and engineering Institute

Department Head of Hydrogeology, engineering and petrole

Specialty Council from employers

Zhautikov B.A.

Syzdykov A.H.

Ensepbaev T.A.

Zholtaev G.2