

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



**SATBAYEV
UNIVERSITY**



WORKING CURRICULUM for 2021-2022 academic year admission
Educational program 8D07202 - "Petroleum Engineering"

Group of Educational programs D115 - "Petroleum Engineering"

Full-time study Study duration : 3 years Academic degree: Doctor of Philosophy (PhD)

Year of study	Code	Name of discipline	semester	Cycle	Total Credits	Total hours	classroom volume lec/lab/pr	(including IWT), in hours	form of control	Competencies
Basic training module										
University component										
1	LNG305	Academic writing	1	BD IC	5	150	0/0/3	105	E	BC1-4, PC 1-6
1	MET322	Scientific research methods	1	BD IC	5	150	2/0/1	105	E	BC1-4, PC 1-6
Component of choice										
1	PET303	Advanced Drilling Fluids	1	BD OC	5	150	2/0/1	105	E	BC1-4, PC 1-6
Profile training module										
Component of choice										
1	PET304	Applied Well Testing	1	PS OC	5	150	2/0/1	105	E	BC1-4, PC 1-6
1	PET301	Advanced well completion	1	PS OC	5	150	2/1/0	105	E	BC1-4, PC 1-6
Practice-oriented module										
1	AAP350	Pedagogical practice	2	BD	10				Report	BC1-4, PC 1-6
2	AAP355	Research practice	3	PS	10				Report	BC1-4, PC 1-6
Research module										
1	AAP345	Doctoral student research work, including internship and doctoral dissertation	2	DSRW	24				Report	BC1-4, PC 1-6
2	AAP345	Doctoral student research work, including internship and doctoral dissertation	3	DSRW	24				Report	BC1-4, PC 1-6
2	AAP346	Doctoral student research work, including internship and doctoral dissertation	4	DSRW	25				Report	BC1-4, PC 1-6
3	AAP346	Doctoral student research work, including internship and doctoral dissertation	5	DSRW	25				Report	BC1-4, PC 1-6
3	AAP346	Doctoral student research work, including internship and doctoral dissertation	6	DSRW	25				Report	BC1-4, PC 1-6
Final certification module										
Required component										
	ECA303	Writing and defending a doctoral dissertation	6	FA	12				Defense of dissertation	BC1-4, PC 1-6

The number of credits for the entire period of study	
Discipline cycles	Credits
Cycle of basic disciplines (BD IC, BD OC)	25
Cycle of special disciplines (PS IC, PS OC)	20
Total of theoretical study :	45
DSRW	123
Writing and defending a doctoral dissertation	12
TOTAL:	180

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 GaOB

A.H. Syzdykov

Head of the Department "Petroleum engineering"

G.Zh. Yeligbayeva

Representative of the Specialty Council from employers

N.A. Nysangaliev