

KHAZAR UNIVERSITY

PETROLEUM ENGINEERING M.Sc. Programme

1st Year

CODE	Fall Semester	KU	ECTS
PETE 505	Advanced Drilling Engineering	3	6
PETE 509	Petroleum Geoscience	4	8
PETE 531	Formation Evaluation	4	8
	<i>Major elective</i>		
PETE 530	Geoenergy	4	8
PETE 532	Minerology	4	8
	Credit	15	30

CODE	Spring Semester	KU	ECTS
PETE 540	Advanced Reservoir Engineering	4	8
PETE 542	Advanced Gas and Gas -Condensate Reservoir Engineering	4	8
PETE 551	Design and Development of Oil and Gas fields	4	8
	<i>Major elective</i>		
PETE 563	Petroleum Reservoir Management and Evaluation	4	8
PETE 538	Well Stimulation	4	8
	Credit	12	24

2nd Year

CODE	Fall Semester	KU	ECTS
PETE 570	Numerical Reservoir Simulation	4	8
PETE 548	Advanced Production Technology	4	8
PETE 555	Research methods	4	8
	<i>Major elective</i>		
PETE 572	Enhanced Oil Recovery	4	8
PETE 565	Fluid Flow in Porous Media	4	8
	Credit	15	30

CODE	Spring Semester	KU	ECTS
PETE 590	Thesis	12	24
	<i>Major elective</i>		
PETE 578	Non-Newtonian System applications in Petroleum Production	4	8
PETE 582	Phase Behaviour of petroleum Reservoir Fluids	4	8
	Credit	16	32