

Curriculums

Department & Specialty: Petroleum Engineering

Education System : 4-year undergraduate

Type	NO.	Character	Main course	College & Department	Course Name	Credit	Hour	Experimental hours	Computer Operation	Exam E	Hours							
											Test T	1 st term	2 nd term	3 rd term	4 th term	5 th term	6 th term	7 th term
Common Course	1	A	Δ	02	Oral Chinese	3	54			E	54							
	2	A	Δ	02	Chinese Listening	3	54			E	54							
	3	A	Δ	02	Chinese Intensive Reading	3	54			E		54						
	4	A	Δ	02	Chinese Extensive Reading	3	54			E		54						
	5	A	Δ	02	Chinese Traditional Culture	6	108			E					54	54		
	6	A	Δ	03	Physical Education	5	102			E	18	28	28	28				
	7	A		07	Computer Concepts	2	36		36	E	36							
	8	B		04	Generality of Petroleum Industry	2	36			T				36				
	9	A		01	Mathematics Concepts	4	72			E	72							
	Total						31	570		36		234	136	28	64	54	54	
Basic Course	10	A	Δ	01	Advanced Mathematics	10	180			E		90	90					
	11	B		06	Engineering Drawing	3	54			E		54						
	12	B		01	Linear Algebra & Computing Methods	2	36			E				36				
	13	A	Δ	01	College Physics	6	108			E			54	54				
	14	A		01	Physics Experiment	3	56	56		T			28	28				
	15	A	Δ	08	Common Chemistry	3	54	4		E		54						
	16	B		07	VB	2.5	46		48	E			46					
	17	B		05	Electrician & Electronics Technology	4.5	80	8		E					80			
	18	A	△	06	Engineering Mechanics	3	54			E			54					
	19	A	△	04	Oilfield Geology Basis	2	36			E			36					

	20	A	△	04	Hydrodynamics	2.5	46	4	10	E				46					
	21	B		06	Fundamental of Machine Design	3	54	6		E				54					
	Total					44.5	804	78	58			198	308	218	80				

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											1 st term	2 nd term	3 rd term	4 th term	5 th term	6 th term	7 th term	8 th term	
Specialized Course	22	A	Δ	04	Reservoir Physical	3	54	10		E				54					
	23	A	Δ	04	Percolation Flow Through Porous Media Mechanics	3	54	4	30	E					54				
	24	B		04	Oilfield Chemistry	2.5	46	6		T					46				
	25	B		04	Petroleum Well Logging	2	36		16	T					36				
	26	B		04	Oilfield Development Geologic	2	36			E					36				
	27	A	Δ	04	Well Drilling Engineering	3	54	4	30	E							54		
	28	A	Δ	04	Recovery Engineering	3	54	4	30	E							54		
	29	A	Δ	04	Reservoir Engineering	3	54		30	E							54		
	30	A	Δ	04	Gas Engineering	3	54		10	T							54		
	31	A		04	Technology for the Prevention of Petroleum Reservoir Damage	1.5	28	2		T								28	
	32	A		04	Enhanced Oil Recovery	3	54			E								54	
	33	A		04	Numerical Value Simulation of Reservoir	3	54		30	E								54	
	34	B		04	Modern Well Drilling Technology	3	54			T								54	
	35	B		04	Modern Recovery Technology	3	54			T								54	
36	A		04	Specialized Chinese	3	56			E					28	28				
Total						41	742	30	176					54	200	244	244		
Sum						116.5	2116	108	270		234	334	336	336	334	298	244		

Note: A—Compulsory, B—Elective, Δ—Main Course

Internship Sections

Type	NO.	Name	Credit	Week	Weeks								
					1 st term	2 nd term	3 rd term	4 th term	5 th term	6 th term	7 th term	8 th term	
Practice	1	Education before entering the school		1	1W								
	2	Metalworking Practice	2	2		2W							
	3	Complicated Design of Petroleum Engineering	6	6						6W			
	4	Production Practice	4	4							4W		
	5	Graduate Practice & Thesis	16	16									16W
	Sum			28	29	1W	2W				6W	4W	16W