

Environmental Chemical Engineering

Program Code: 0817Z1

1. Program Duration: 4-8 years

2. Required Credits: No less than 14 credits.

3. Curriculum

Course Type	Course Code	Course Name	Credit Hours	Credits	Semesters	Notes
Required course	7000001	Survey of China	36	2	1	
	7000011	Primary Chinese Language	32	2	1	
	7030003	Modern Science and Technology Course	32	2	1-3	
Optional course	7034001	Advances in New Technologies of Chemical Environment and Safety	24	1.5	1	
	7030004	Advances in Materials and Catalytic Technology	24	1.5	1	
	7034002	Progress in Environmental Impact Assessment and Risk Control Technology	24	1.5	1	
	7030005	Research Progress of Functional Materials	24	1.5	1	
	7032001	Progress in Petroleum Chemistry and Processing Technology	24	1.5	1	
	7030006	Advances in coal and biomass conversion technology	24	1.5	1	
	7035001	Advances in Biochemical Technology	24	1.5	1	
	6000013	Visual-Audio-Oral Practice of English For Postgraduates	16	1	2	select 2 courses
	6000014	Academic English: Reading & Writing	16	1	2	

	6000016	Cross-Cultural Communication	16	1	2	
	6000017	Appreciation of The Classic Literary Works In English-Speaking Countries	16	1	2	
	6000018	English For Energy	16	1	2	
	6000019	English For Studying Abroad	16	1	2	
	6000069	UPC Intensive Curricula	-	≤3	1-6	
	6034001	Theory and New Technology of Environmental Pollution Prevention and Control	48	3	2	select 2 courses
	6034002	Modern Environmental Monitoring Technology	48	3	1	
	6034003	Environmental Impact Assessment and Discharge Permit Technology	32	2	1	
	6034004	Environmental Functional Materials	32	2	1	
	6034005	Environmental pollution remediation technology	32	2	2	
	6034006	water treatment works	32	2	2	
	6034007	New Technology of Energy Conservation and Emission Reduction	32	2	1	
	6034010	Higher Environmental Chemistry	32	2	2	
	6034011	Environmental Biotechnology	32	2	2	
Compulsory part	8030101	Literature Reading and Thesis Proposal	-	1	4	
	8030102	Overseas Academic Exchange and Study & Training	-	1	1-8	