

Safety Science and Engineering

Program Code: 0837

1. Program Duration: 4-8 years
2. Required Credits: No less than 17 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	
	7042001	Safety Science: Principle and Practice	32	2	4	
	7042002	Introduction on Oil and Gas Safety Engineering	32	2	3,4	
Optional course	7042003	Progress in Safety Science and Engineering	32	2	1, 2	
	6042015	Safety Early Warning and emergency	32	2	2	
	6042016	Integrity Technology of Oil and Gas Equipment	32	2	2	
	6064005	Mechanical Vibration	32	2	1	
	6000013	Visual-Audio-Oral Practice of English For Postgraduates	16	1	2	select 2 courses
	6000014	Academic English: Reading & Writing	16	1	2	

	6000015	Contrastive Study of English And Chinese & Translation	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	
	7000024	Modern Applied Mathematics	48	3	1	
	6000069	UPC Intensive Curricula	-	≤3	1-6	
	6042001	Risk Engineering	48	3	1	
	6042002	Fundamentals of Information Technology for Safety Engineering	48	3	2	

Compulsory part	8040101	Literature Reading and Thesis Proposal	-	1	4	
	8040102	Overseas Academic Exchange and Study & Training	-	1	1-8	

