

Mechanics

Program Code: 0801

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	
	6000030	Methods of Mathematical Physics	32	2	2	
	7064002	Foundations of Solid Mechanics	48	3	1	
	6064003	Tensor Analysis in Engineering Mechanics	32	2	1	
Optional course	6064006	Fracture and Fatigue of Structures	32	2	1	
	6064001	Computational Solid Mechanics	48	3	2	
	6064004	Seminar for Mechanics and Engineering	32	2	2	
	7064003	Nonlinear Vibration in Engineering	32	2	2	
	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	
	6000069	UPC Intensive Curricula	-	≤3	1-6	
	5064001	Engineering Mechanics	32	2	1	
	5064012	Elastic Mechanics	32	2	2	
Compulsory part	8060101	Literature Reading and Thesis Proposal	-	1	4	
	8060102	Overseas Academic Exchange and Study & Training	-	1	1-8	