

Environmental Engineering Major's Program for International Students (Teaching in English)

(One) General Knowledge Courses 34 Credits

1. General knowledge Compulsory Courses 28 Credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F208001	Practical Chinese	5.0	80	5.0	1-1st	Examination	
F109001	A Glimpse of Chinese Culture	2.0	32	2.0	1-1st	Examination	
F219012	Enrollment Education	1.0	16	2.0	1-1st	Evaluation	
F133085	Introduction to Environmental Science	1.0	16	1.0	1-1st	Evaluation	
F109002	A Glimpse of Chinese Culture II	2.0	32	2.0	1-2nd	Examination	
F208002	Practical Chinese	5.0	80	5.0	1-2nd	Examination	
F226008	Programming Design A	4.0	64	4.0	2-1st		
F208003	Practical Chinese	4.0	64	4.0	2-1st	Examination	
F208004	Practical Chinese	4.0	64	4.0	2-2nd	Examination	

2. General knowledge Selective Courses 8 Credits

(Two) Basic Courses 58 Credits

1. Basic Compulsory Courses 55 Credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F102001	Engineering Graphics	3.0	48	(3.0)	1-1st	Evaluation	
F101001	Inorganic chemistry	3.0	48	(3.0)	1-1st	Examination	
F210013	Calculus (English) I	4.0	64	(4.0)	1-1st	Examination	
F210012	Calculus (English) II	4.0	64	(4.0)	1-2nd	Examination	
F410001	University Physics Experiment (International students)	1.0	32	(2.0)	1-2nd	Evaluation	
F401017	Basic Chemistry Experiment (I) A	2.0	64	(4.0)	1-2nd	Evaluation	
F210007	University Physics (International students)	3.0	48	(3.0)	1-2nd	Examination	

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F101006	Analytical Chemistry	2.0	32	(2.0)	1-2nd	Examination	
F101011	Physical Chemistry D I	3.0	48	(3.0)	2-1st	Examination	
F103001	The Basic on electrotechnics	2.5	40	(2.5)	2-1st	Evaluation	
F210006	University Physics (International students)	2.0	32	(2.0)	2-1st	Examination	
F101007	Organic Chemistry B I	3.0	48	(3.0)	2-1st	Examination	
F401015	Basic Chemistry Experiment (III) B I	0.5	16	(1.0)	2-1st	Evaluation	
F401009	Basic Chemistry Experiment (II) B I	1.0	32	(2.0)	2-1st	Evaluation	
F102002	Fundamental Chemical Equipment Design	3.0	48	(3.0)	2-2nd	Examination	
F101019	Principles of Chemical EngineeringB I	3.0	48	(3.0)	2-2nd	Examination	
F101012	Physical Chemistry D II	2.5	40	(2.5)	2-2nd	Examination	
F401005	Principles of Chemical EngineeringB I	0.5	16	(1.0)	2-2nd	Evaluation	
F401010	Basic Chemistry Experiment (II) B II	1.0	32	(2.0)	2-2nd	Evaluation	
F401016	Basic Chemistry Experiment (III) B II	0.5	16	(1.0)	2-2nd	Evaluation	
F101008	Organic Chemistry B II	2.0	32	(2.0)	2-2nd	Examination	
F401006	Principles of Chemical EngineeringB II	0.5	16	(1.0)	3-1st	Evaluation	
F101020	Principles of Chemical EngineeringB II	3.0	48	(3.0)	3-1st	Examination	
F106002	Experiments in Microbiology	1.0	32	(2.0)	3-1st	Evaluation	
F106001	Microbiology A	4.0	64	(4.0)	3-1st	Examination	

2. Basic Selective Courses3Credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F210009	Linear Algebra	2.0	32	(2.0)	2-1st	Evaluation	
F210005	Probability and Statistics (International students)	3.0	48	(3.0)	2-2nd	Evaluation	

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F433068	Experiments of Instrumental Analysis	1.0	32	(2.0)	3-1st	Evaluation	
F133066	Instrumental Analysis	2.0	32	(2.0)	3-1st	Evaluation	

(Three) Specialty Courses 29 Credits

1. Specialty Compulsory Courses 21 Credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F433026	Experiments of Environmental Chemistry	1.0	32	2.0	3-1st	Evaluation	
F133028	Environmental Monitoring	2.0	32	2.0	3-1st	Examination	
F133024	Environmental Chemistry	2.0	32	2.0	3-1st	Examination	
F133005	Air Pollution Control Engineering	3.0	48	3.0	3-2nd	Examination	
F133056	Water Pollution Control	3.0	48	3.0	3-2nd	Examination	
F433030	Experiments of Environmental monitoring	1.0	32	2.0	3-2nd	Evaluation	
F133022	Environmental planning & Environmental Management	3.0	48	3.0	4-1st	Examination	
F133008	Disposal and Resource Recovery of Solid Wastes	2.0	32	2.0	4-1st	Examination	
F133064	Physical pollution Control Engineering	2.0	32	2.0	4-1st	Evaluation	
F133058	Civil Engineering Basis and Engineering Management	2.0	32	2.0	4-1st	Evaluation	

2. Specialty Selective Courses 8 Credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F133052	Ecology	2.0	32	2.0	3-1st	Evaluation	
F133054	Experimental method and Data Processing	2.0	32	2.0	3-2nd	Evaluation	
F133045	Green Chemistry	2.0	32	2.0	3-2nd	Evaluation	
F133041	Remediation of the Environment Pollution	2.0	32	2.0	3-2nd	Evaluation	

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F133037	Environmental Biotechnology	2.0	32	2.0	4-1st	Evaluation	
F133013	Environmental Toxicology	2.0	32	2.0	4-1st	Evaluation	
F433015	Experiments of Environmental Toxicology	1.0	32	2.0	4-1st	Evaluation	
F133047	Cleaner Production	2.0	32	2.0	4-1st	Examination	

(Four) Practical Teaching Section 29.5 Credits

1. Practical Compulsory Courses 29.5 Credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F702002	Engineering Training A	2.0	0	(4.0)	2-2nd	Evaluation	
F702002	Practice of Fundamental Chemical Equipment Design	1.0	0	(1.0)	2-short	Evaluation	
F533050	Congntion Practice	1.0	0	(2.0)	2-short	Evaluation	
F433082	Comprehensive EnvironmentalExperiments I	1.5	0	(2.0)	3-2nd	Evaluation	
F701005	Principles of Chemical Engineering Course Design B	1.5	0	(1.5)	3-short	Evaluation	
F533076	Professional Practice	2.0	0	(4.0)	3-short	Evaluation	
F733074	Environmental Engineering Design I	1.5	30	(1.5)	4-1st	Evaluation	
F733062	Documentation Retrieval	1.0	20	(2.0)	4-1st	Evaluation	
F433083	Comprehensive EnvironmentalExperiments I	1.5	0	(2.0)	4-1st	Evaluation	
F733075	Environmental Engineering Design II	1.5	30	(1.5)	4-1st	Evaluation	
F633002	Graduation Design Project	16.0	80	(16.0)	4-2nd	Evaluation	

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