

Department of Environmental Engineering and Management
Chaoyang University of Technology Graduate Course Requirement
(for the students of day division admitted in the 2019 academic year)

Code	Core courses	Credit
02023	Seminar (I)	1
02028	Seminar (II)	1
07355	Environmental planning and management	3
07356	Principles of Environmental Engineering	3
Total:		8
Code	Elective courses	Credit
08724	Wastewater Engineering Design and Application	3
07906	Teaching materials and methods of environmental education practice	3
07905	Special Topics of Environmental Education	3
04560	Special topics Environmental management and system analysis(1)	2
04563	Special topics Environmental management and system analysis(2)	2
04567	Special topics Environmental management and system analysis(3)	2
04568	Special topics Environmental management and system analysis(4)	2
03402	Special topics Environmental Monitoring(1)	2
03403	Special topics Environmental Monitoring(2)	2
03404	Special topics Environmental Monitoring(3)	2
03405	Special topics Environmental Monitoring(4)	2
02032	Seminar (III)	0
02035	Seminar (IV)	0
04570	Environmental Toxicology	3
04905	Advanced Environmental Toxicology	3
03395	Environmental Economics	3
03356	Environmental Decision Analysis	3
03376	Environmental Thermodynamics and Kinetics	3
05002	Application of Environmental Instrumental Analysis	3
01173	Special Topics of Air Pollution	3
00116	Soil and Groundwater Remediation	3
01043	Special Topics of Solid Waste Management	3
05827	Advanced Oxidation Technology	3
06517	Risk Assessment and Management	3
06835	Management Technology of Vein Logistics in Urban Areas	3
06837	Geographic Information System and its Applications	3
07353	Biological Processes of Environmental Engineering	3
07358	Design and Applications of Environmental Nanometer Technology	3
07857	Special topics environmental engineering techniques (1)	2
07858	Special topics environmental engineering techniques (2)	2
07859	Special topics environmental engineering techniques (3)	2

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Code	Elective courses	Credit
07860	Special topics environmental engineering techniques (4)	2
Total:		78

University Requirements	
Core courses	4 courses 8 credits
Elective courses	Minimum elective 14 credits
Total requirement	31credits