

## Table of Curriculum

Classification	Course No.	Computer Code	Course Name	Lecture; Lab.; Credit (Assignment)	Semester	Note
Elective Course	ENV501	72.501	Introduction to Clean Technology	3:0:3(4)	Fall	◎
	CE573	37.573	Advanced Wastewater Treatment	3:1:3(6)	Spring	◎
	CBE672	39.672	Air Pollution Control	3:0:3(3)	Fall	
	CBE673	39.673	Water Pollution Control	3:0:3(3)	Fall	
	BS532	21.532	Applied and Environmental Microbiology	3:0:3(1)	Fall	◎
	NQE522	33.522	Nuclear Power Plant Design Project	3:0:3(6)	Spring	◎
	NQE541	33.541	Radioactive Waste Management	3:0:3(6)	Fall	◎
	BS760	21.760	Selected Topics in Environmental Biotechnology	3:0:3		
	BS536	21.536	Environmental Toxicology	3:0:3(2)	Fall	
	CBE503	39.503	Numerical Methods for Chemical Engineers	3:0:3(4)	Spring	◎
	CBE511	39.511	Design of Reaction Systems	3:0:3(4)	Spring	◎
	CBE512	39.512	Introduction to Catalysis Engineering	3:0:3(4)	Spring	◎
	CBE532	39.532	Mass Transfer	3:0:3(4)	Spring	◎
	ENV521	72.521	Environmental microbiology experiment	0:9:3	Winter	◎
	ENV651	72.651	Soil and Groundwater Pollution Management Engineering	3:0:3(3)	Spring, Fall	
	ENV661	72.661	Toxics Management Engineering	3:0:3(3)	Spring, Fall	
	ENV731	72.731	Advanced Water Quality Management Engineering	3:0:3(3)	Spring, Fall	
	ENV741	72.741	Advanced Air Pollution Control Technology	3:0:3(3)	Spring, Fall	
	ENV791	72.791	Special Topics in Environmental Engineering	3:0:3(3)	Spring, Fall	
	CE504	37.504	Advanced Environmental Chemistry	3:1:3(6)	Spring	◎
	CE571	37.571	Environmental Engineering Laboratory	1:6:3(10)	Summer	◎
	CE579	37.579	Hazardous and Industrial Waste Treatment	3:1:3(8)	Fall	
	CBE571	39.571	Energy Engineering	3:0:3(4)	Fall	◎
	CBE680	39.680	Membrane Technology	3:0:3(3)	Fall	
	CBE632	39.632	Colloids and Surface Chemistry	3:0:3(3)		
	CBE761	39.761	Bioprocess Analysis and Control	3:0:3(3)	Spring	
	ME513	B7.513	Advanced Combustion	3:0:3(6)	Fall	◎
	ME654	B7.654	Noise Control	3:0:3(6)	Fall	
	ME810	B7.810	Special Topics in Thermal & Fluid Engineering	3:0:3(6)	Fall	
	MGT537	53.537	Environmental and Resource Economics	3:0:3(5)	Spring	◎
	NQE512	33.512	Nuclear Reactor Analysis and Design	3:0:3(6)	Spring	◎
	NQE513	33.513	Neutron and Quantum Particle Theory and Computation)	3:0:3(6)	Fall	◎
	NQE523	33.523	Nuclear Reactor Safety I	3:0:3(6)	Fall	◎
	NQE575	33.575	Nuclear Energy Policy	3:0:3(6)	Spring	◎
Research	ENV960	72.960	Thesis (Master student)			
	ENV980	72.980	Thesis (Ph.D. student)			

Classification	Course No.	Computer Code	Course Name	Lecture; Lab.; Credit (Assignment)	Semester	Note
	ENV966	72.966	Seminar (Master student)	1:0:1		
	ENV986	72.986	Seminar (Ph.D. student)	1:0:1		

©: Course mutually recognized by undergraduate and graduate programs

※Course classification, course title, and mutual recognition of credits may differ according to the effective year of the requirements.