

National Kaohsiung Marine University
Department of Marine Environmental Engineering
The Courses of Technological Academy of Four Year System(Night)

Categories of Courses	Name of Courses	Credit Points	Time of Class	First year				Second Year				Third Year				Fourth Year			
				First Semester		Second Semester		First Semester		Second Semester		First Semester		Second Semester		First Semester		Second Semester	
				Credit Points	Time of Class	Credit Points	Time of Class	Credit Points	Time of Class	Credit Points	Time of Class	Credit Points	Time of Class	Credit Points	Time of Class	Credit Points	Time of Class	Credit Points	Time of Class
Common Obligatory Courses	Chinese Language and Literature Art	4	4									2	2	2	2				
	English	4	4					2	2	2	2								
	General Education	10	10					4	4	4	4	2	2						
	Physical Education	0	8	0	2	0	2	0	2	0	2								
	Defense Education Military Training	0	4	0	2	0	2												
	Sum	18	30	0	4	0	4	6	8	6	8	4	4	2	2	0	0	0	0
Professional Basic Courses	Calculus(一)	3	3	3	3														
	Calculus(二)	3	3			3	3												
	General Physics(一)	2	2	2	2														
	General Physics(二)	2	2			2	2												
	General Physics Laboratory(一)	1	2	1	2														
	General Physics Laboratory(二)	1	2			1	2												
	Sum	12	14	6	7	6	7	0	0	0	0	0	0	0	0	0	0	0	0
Professional Obligatory Courses	Fundamentals of Environmental chemistry(一)	3	3	3	3														
	Fundamentals of Environmental chemistry(二)	3	3			3	3												
	Environmental chemistry Experiment	1	3			1	3												
	Environmental chemistry	3	3							3	3								
	Environmental Microbiology and Experiment	3	4	3	4														
	Environmental Engineering	3	3					3	3										
	Solid Waste Treatment	2	2							2	2								
	Solid Waste Experiment	1	2							1	2								
	Air Pollution Control	3	3													3	3		
	Instrumental Analysis for Environmental Engineering	3	3									3	3						
	Unit Operation of Environmental Engineering	3	4											3	4				
	Waste Water Engineering	3	3									3	3						
	Engineering Drawing	2	4					2	4										
	Engineering Mathematics(一)	3	3					3	3										
	Applied Statistics	3	3							3	3								
	Fluid Mechanics	3	3							3	3								
	Environmental Impact Assessment	3	3															3	3
	Oceanphysics Introduction	2	2			2	2												
	Introduction to Marine	2	2	2	2														
	Introduction of Marine Biology	2	2			2	2												
	Introduction to Marine Geology	2	2	2	2														
	Marine Ecology	3	3									3	3						
	Wave and Tidal Theory	3	3					3	3										
	Marine Pollution Prevention	3	3											3	3				
	Global Change in Coastal Zone	3	3											3	3				
	Coastal Protection Engineering	3	3											3	3				
	Marine Pollutant Transport and Diffusion With Hands-on	3	4													3	4		
Sum	71	79	10	11	8	10	11	13	12	13	9	9	12	13	6	7	3	3	
Obligatory Courses Total Credit Points · Time of Class	101	123	16	22	14	21	17	21	18	21	13	13	14	15	6	7	3	3	
Optional Courses Credit Points · Time of Class	29	29	0	0	0	0	0	0	0	0	3	3	8	8	9	9	9	9	
Total	130	152	16	22	14	21	17	21	18	21	16	16	22	23	15	16	12	12	