

## Table of Curriculum

Classification	Course No.	Computer Code	Course Name	Lecture; Lab.; Credit (Assignment)	Semester	Note
Elective major courses	ME508	B7.508	Design and Production of Ocean Systems	3:0:3	Spring	◎
	ME509	B7.509	Engineering Mechanics in Ocean Systems	4:0:4	Spring	◎
	ME522	B7.522	Water Wave Mechanics	3:0:3	Fall	◎
	ME523	B7.523	Introduction to Fluid-Structure Interactions	3:0:3	Fall	◎
	ME524	B7.524	Ocean Hydrodynamics	3:0:3	Spring	◎
	ME532	B7.532	Advanced analysis of solids and structures	3:0:3	Spring	◎
	ME535	B7.535	Finite Element Analysis of Structures	3:0:3	Fall	◎
	ME538	B7.538	Ocean Systems Design	3:0:3	Spring, Fall	◎
	ME539	B7.539	Design of Energy Plants and Systems	3:0:3	Fall	◎
	ME540	B7.540	Stochastic Theory of Structure System	3:0:3	Spring	◎
	ME541	B7.541	Reliability and Risk Analysis for Energy Systems	3:0:3	Spring	◎
	ME542	B7.542	Floating Structures	3:0:3	Spring	◎
	ME544	B7.544	Optimal Design of Ocean Composite Structures	3:0:3	Spring	◎
	ME546	B7.546	Naval Ship Shock Analysis and Design	3:0:3	Fall	◎
	ME548	B7.548	Knowledge - Based Design System for Ocean System	3:1:3(6)	Spring	◎
	ME555	B7.555	Vibration of Offshore Structures	3:0:3	Fall (Even Year)	◎
	ME556	B7.556	Underwater Acoustics	3:0:3	Fall	◎
	ME558	B7.558	Dynamics of Offshore Structures	3:0:3	Spring, Fall	◎
	ME559	B7.559	Dynamics and Control of Ocean Vehicles	3:0:3	Spring, Fall	◎
	ME565	B7.565	Artificial Neural Network: Theory and Applications to Ocean Systems	3:0:3	Spring	◎
	ME568	B7.568	Ocean VR Simulation	3:0:3	Fall	◎
	ME571	B7.571	Marine Production Systems Engineering	3:0:3	Spring	◎
	ME590	B7.590	Ocean System Innovation	3:0:3	Spring, Fall	◎
	ME593	B7.593	Harbor Engineering	3:0:3	Fall	◎
	ME594	B7.594	Ocean Systems Engineering	3:0:3	Spring	◎
	ME595	B7.595	Ocean Systems Management	3:0:3	Spring	◎
	ME596	B7.596	Shipbuilding and Offshore Plants Management System	3:0:3	Spring	◎
	ME597	B7.597	Introduction to renewable ocean energy	3:0:3	Spring	◎
	ME598	B7.598	Ocean Nuclear Power: A Challenging Pursuit for Energy	3:0:3	Spring	◎

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			Solution			
	ME599	B7.599	Ocean Feature-Based Modeling	3:1:3	Spring	©
	ME620	B7.620	Advanced Ocean Wave Mechanics	3:0:3	Spring, Fall	
	ME622	B7.622	Floating Body Dynamics	3:0:3	Spring	
	ME624	B7.624	Simulation of Ship Hydrodynamics and Waves	3:0:3	Spring	
	ME630	B7.630	Deepsea Petroleum production Engineering	4:0:4	Fall	
	ME631	B7.631	Hydro-elasticity	3:0:3	Fall	
	ME634	B7.634	Functional Materials and Structures	3:0:3	Fall	
	ME637	B7.637	Axiomatic Design of Composite Structures	3:0:3	Fall	
	ME652	B7.652	Mobile Robotics	3:0:3	Fall	
	ME657	B7.657	Ocean Dynamic Positioning System	3:0:3	Spring	
	ME658	B7.658	Engineering System Identification	3:0:3	Spring, Fall	
	ME670	B7.670	Construction of Offshore Structures	2:0:2	Summer, Winter	
	ME671	B7.671	Product Lifecycle Management System for Ocean System	3:1:3	Spring	
	ME721	B7.721	Ocean Fluid Mechanics Modeling	3:0:3	Spring	
	ME730	B7.730	Design of Light Sandwich Structures	3:0:3	Spring	
	ME803	B7.803	Special Topics in Ocean Systems Engineering	3:0:3	Spring, Fall	
	ME804	B7.804	Special Topics and Design Laboratory of Ocean Systems Engineering	2:3:3	Summer, Winter	
Research	ME960	B7.960	M.S. Thesis		Spring, Fall	
	ME968	B7.968	Seminar of Career Planning for Ocean Engineering	1:0:1	Spring, Fall	
	ME980	B7.980	Ph. D. Thesis		Spring, Fall	
	ME966	B7.966	Seminar(M. S.)	1:0:1	Spring, Fall	
	ME986	B7.986	Seminar(Ph. D.)	1:0:1	Spring, Fall	

©: 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.