

Table of Curriculum(Graduate Program)

Classification	Course No.	Computer Code	Course Name	Lecture: Lab: Credit (Assignment)	Semster	Note
선 택	ME509	B7.509	Engineering Mechanics in Ocean Systems	4:0:4	Spring	◎
	ME522	B7.522	Flow Instability	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	◎
	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	◎
	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	Renewable Ocean Energy System	3:0:3	Spring	◎
	ME598	B7.598	Ocean Nuclear Power: A Challenging Pursuit for Energy Solution	3:0:3	Spring	◎
ME620	B7.620	Advanced Ocean Wave Mechanics	3:0:3	Spring, Fall		
ME622	B7.622	Floating Body Dynamics	3:0:3	Spring		

Classification	Course No.	Computer Code	Course Name	Lecture: Lab: Credit (Assignment)	Semster	Note
	ME624	B7.624	Simulation of Ship Hydrodynamics and Waves	3:0:3	Spring	
	ME630	B7.630	Deepsea Petroleum Production Engineering	4:0:4	Fall	
	ME634	B7.634	Functional Materials and Structures	3:0:3	Fall	
	ME652	B7.652	Mobile Robotics	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	
	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	
석사	ME960	B7.960	M.S. Thesis		Spring, Fall	
	ME966	B7.966	Seminar (M.S. Program)	1:0:1	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	
	ME986	B7.986	Seminar (Ph.D.)	1:0:1	Spring, Fall	

© A course mutually recognized by undergraduate and graduate programs.

Substitute Course List

Substitute courses in the department					
Category	Courses currently offered		Courses not currently offered		
	Course no.	Course title	Course no	Course title	Remark
Under-graduate	ME403	(Introduction to Naval Architecture and Ocean Engineering	OSE503	Introduction to Naval Architecture and Ocean Engineering	Change in Course Code
Graduate	ME509	Engineering Mechanics in Ocean Systems	OSE504	Engineering Mechanics in Ocean Systems	Change in Course Code
Graduate	ME522	Flow Instability	ME522	Water Wave Mechanics	Change in Course Title
Graduate	ME523	Introduction to Fluid-Structure Interactions	OSE522	Introduction to Fluid-Structure Interactions	Change in Course Code
Graduate	ME524	Ocean Hydrodynamics	OSE523	Ocean Hydrodynamics	Change in Course Code
Graduate	ME532	Advanced analysis of solids and structures	OSE530	Advanced analysis of solids and structures	Change in Course Code
Graduate	ME535	Finite Element Analysis of Structures	OSE532	Finite Element Analysis of Structures	Change in Course Code
Graduate	ME538	Ocean Systems Design	OSE573	Ocean Systems Design	Change in Course Code
Graduate	ME539	Design of Energy Plants and Systems	OSE571	Design of Energy Plants and Systems	Change in Course Code
Graduate	ME540	Stochastic Theory of Structure System	OSE541	Stochastic Theory of Structure System	Change in Course Code
Graduate	ME541	Reliability and Risk Analysis for Energy Systems	OSE551	Reliability and Risk Analysis for Energy Systems	Change in Course Code
Graduate	ME548	Knowledge - Based Design System for Ocean System	OSE572	Knowledge - Based Design System for Ocean System	Change in Course Code
Graduate	ME555	Vibration of Offshore Structures	OSE544	Vibration of Offshore Structures	Change in Course Code
Graduate	ME556	Underwater Acoustics	OSE545	Underwater Acoustics	Change in Course Code
Graduate	ME558	Dynamics of Offshore Structures	OSE542	Dynamics of Offshore Structures	Change in Course Code
Graduate	ME559	Dynamics and Control of Ocean Vehicles	OSE543	Dynamics and Control of Ocean Vehicles	Change in Course Code
Graduate	ME568	Ocean VR Simulation	OSE555	Ocean VR Simulation	Change in Course Code
Graduate	ME571	Marine Production Systems Engineering	OSE560	Marine Production Systems Engineering	Change in Course Code
Graduate	ME590	Ocean System Innovation	OSE574	Ocean System Innovation	Change in Course Code
Graduate	ME593	Harbor Engineering	OSE553	Harbor Engineering	Change in Course Code
Graduate	ME594	Ocean Systems Engineering	OSE550	Ocean Systems Engineering	Change in Course Code
Graduate	ME595	Ocean Systems Management	OSE561	Ocean Systems Management	Change in Course Code

Substitute courses in the department

Category	Courses currently offered		Courses not currently offered		
	Course no.	Course title	Course no	Course title	Remark
Graduate	ME596	Shipbuilding and Offshore Plants Management System	OSE562	Shipbuilding and Offshore Plants Management System	Change in Course Code
Graduate	ME597	Renewable ocean energy system	ME597	Introduction to renewable ocean energy	Change in Course Title
Graduate	ME598	Ocean Nuclear Power: A Challenging Pursuit for Energy Solution	OSE581	Ocean Nuclear Power: A Challenging Pursuit for Energy Solution	Change in Course Code
Graduate	ME620	Advanced Ocean Wave Mechanics	OSE620	Advanced Ocean Wave Mechanics	Change in Course Code
Graduate	ME622	Floating Body Dynamics	OSE621	Floating Body Dynamics	Change in Course Code
Graduate	ME624	Simulation of Ship Hydrodynamics and Waves	OSE623	Simulation of Ship Hydrodynamics and Waves	Change in Course Code
Graduate	ME630	Deepsea Petroleum Production Engineering	OSE610	Deepsea Petroleum Production Engineering	Change in Course Code
Graduate	ME634	Functional Materials and Structures	OSE633	Functional Materials and Structures	Change in Course Code
Graduate	ME652	Mobile Robotics	ME652	Ocean Robotics: Techniques and Application	Change in Course Title
Graduate	ME658	Engineering System Identification	OSE801	Engineering System Identification	Change in Course Code
Graduate	ME670	Construction of Offshore Structures	OSE632	Construction of Offshore Structures	Change in Course Code
Graduate	ME671	Product Lifecycle Management System for Ocean System	OSE670	Product Lifecycle Management System for Ocean System	Change in Course Code
Graduate	ME803	Special Topics in Ocean Systems Engineering	OSE800	Special Topics in Ocean Systems Engineering	Change in Course Code
Graduate	ME804	Special Topics and Design Laboratory of Ocean Systems Engineering	OSE802	Special Topics and Design Laboratory of Ocean Systems Engineering	Change in Course Code
Graduate	ME968	Seminar of Career Planning for Ocean Engineering	OSE968	Seminar of Career Planning for Ocean Engineering	Change in Course Code