

Classification	Subject No.	Subject Name	Lecture:Lab.: Credit (assignment)	Semester	Remark
Elective Course	OSE580	Ocean Feature-Based Modeling	3:1:3	Spring	*MAE548
	OSE591	Introduction to Renewable Ocean Energy	3:0:3	Spring	
	OSE610	Deepsea Petroleum production Engineering	4:0:4	Fall	
	OSE620	Ocean Wave Mechanics	3:0:3	Fall	*MAE621
	OSE621	Floating Body Dynamics	3:0:3	Spring	
	OSE623	Simulation of Ship Hydrodynamics and Waves	3:0:3	Spring	
	OSE630	Axiomatic Design of Composite Structures	3:0:3	Fall	*MAE638
	OSE631	Hydro-elasticity	3:0:3	Fall	*MAE637
	OSE632	Construction of Offshore Structures	2:0:2	Summer, Winter	
	OSE633	Smart materials and Adaptive Structures	3:0:3	Fall (Odd number year)	
	OSE640	Ocean Dynamic Positioning System	3:0:3	Spring	*MAE662
	OSE643	Ocean Robotics: Techniques and Application	3:0:3	Fall	
	OSE670	Product Lifecycle Management System for Ocean System	3:1:3	Spring	*MAE647
	OSE721	Ocean Fluid Mechanics Modeling	3:0:3	Spring	*MAE722
	OSE730	Design of Light Sandwich Structures	3:0:3	Spring	*MAE638
	OSE800	Special Topics in Ocean Systems Engineering	3:0:3	Spring,Fall	
	OSE801	Engineering System Identification	3:0:3	Spring	
OSE802	Special Topics and Design Laboratory of Ocean Systems Engineering	2:3:3	Summer,Winter		
Research	OSE960	M.S. Thesis		Spring,Fall	
	OSE966	Ph.D. Thesis		Spring,Fall	
	OSE980	Seminar (M.S.)	1:0:1	Spring,Fall	
	OSE986	Seminar (Ph.D.)	1:0:1	Spring,Fall	
	OSE986	Seminar of Career Planning for Ocean Engineering	1:0:1	Spring,Fall	

※ Notes: 1) 400 and 500 level courses open to both undergraduate and graduate students

2) * stands for substitutable courses