Semester	Study track: Ocean structures Students start: DTU Prerequisite: BSc Naval Architecture	ECTS
1 Autumn DTU (2020)	41216 Structural assessment of ships 41221 Ship propulsion and manoeuvring 41222 Wave loads on ships and offshore structures 41275 Ship operations 02431 Risk management	5 10 5 5 5
2 Spring DTU (2021)	42490 Technology, management, organisation and business models 41237 Dynamics of structures: theory and analysis 41514 Dynamics of machinery 41315 Applied CFD Electives (choose one): 41317 Computational fluid dynamics 41517 Stiffened plates and sandwich composites*	10 5 5 5 5 (5) (5)
3 Autumn NTNU (2020/ 2021)	TMR4500 Ocean structures - specialization project TMR4505 Specialization courses – modules, select two of: - Structural analysis - Dynamic analysis of marine structures - Ship design for ice operations - Experimental methods in hydrodynamics - Integrated analysis of offshore wind turbines Electives (choose two): TMR4145 Aquaculture structures TMR4195 Design of offshore structures (exam spring **) TMR4190 Finite element methods in structural analysis TMR4305 Advanced analysis of marine structures TMR4130 Risk analysis and safety management in marine transport TMR4200 Fatigue and fracture of marine structures TMR4235 Stochastic theory of sea loads TMR4215 Sea loads	7.5 7.5 15 (7.5) (7.5) (7.5) (7.5) (7.5) (7.5) (7.5) (7.5)
4 Spring NTNU (2021/2)	Master Thesis, NTNU	30

* Prerequisites must be checked based on earlier studies.

** Exam for this course will be arranged in the exam period during the spring semester.

5 August 2020 Note: Modifications and corrections to this table may be issued without prior notice