

Semester	Study track: Passenger ships	ECTS
	Students start: NTNU	
	Prerequisite: BSc Naval Architecture	
1 Autumn NTNU (2019)	TMR4115 Design methods	7.5
	TMR4320 Simulation based design	7.5
	Electives (choose two):	15
	TMR4130 Risk analysis and safety management in marine transport	(7.5)
	TMR4215 Sea loads	(7.5)
	TMR4260 Safe operation and maintenance	(7.5)
	TMR4275 Modelling, simulation and analysis of dynamic systems	(7.5)
2 Spring NTNU (2020)	TEP4223 Life cycle assessment	(7.5)
	TMR4125 Shipbuilding	7.5
	TMR4220 Naval hydrodynamics	7.5
	Elective (choose two):	15
	TMR4135 Advanced vessel design	(7.5)
	TMR4290 Marine electric power and propulsion systems	(7.5)
	TMR4140 Design of marine production plants	(7.5)
3 Autumn Aalto (2019/ 2020)	TMR4225 Marine operations	(7.5)
	MEC-E2009 Marine risks and safety, Period I	5
	MEC-E2011 Ship design portfolio, Period II (check curriculum)	5
	MEC-E2003 Passenger ships, Period II	5
	Kie-98.1500 Thesis writing	2
	Kie-98.1503 Conference talk	2
	Kie-98.1700 Integrated course in English	1
	Electives (choose 2, check pre-requisites for each course):	10
	MEC-E4003 Ice mechanics; Period I	(5)
	MEC-E8004 Fatigue and fracture of structures, Period I	(5)
	MEC-E8005 Thin-walled structures, Period II*	(5)
	MEC-E1050 Finite element method in solids, Period II	(5)
MEC-E1040 Dynamics of structures, Period II	(5)	
MEC-E4004 Model-scale testing in ice, Period II*	(5)	
MEC-E2012 Computational marine hydrodynamics, Period II*	(5)	
4 Spring Aalto (2020/1)	Master Thesis, Aalto	30

* Prerequisites must be checked based on earlier studies.

23 June 2016

Note: Modifications and corrections to this table may be issued without prior notice.