

# Course of Study Naval Architecture and Ocean Engineering (Study Cohort w16)

Sample course plan B Master Naval Architecture and Ocean Engineering (SBMS)

Legend			
Core qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

LP	Semester 1	Form Hrs/wk	Semester 2	Form Hrs/wk	Semester 3	Form Hrs/wk	Semester 4	Form Hrs/wk				
1	<b>Structural Analysis of Ships and Offshore Structures</b>	VL 2	<b>Seakeeping of Ships and Laboratory on Naval Architecture (part 2)</b>	FL 2	<b>Research Project Naval Architecture and Ocean Engineering</b>		<b>Master Thesis</b>					
2									Structural Analysis of Ships and Offshore Structures			
3			Structural Analysis of Ships and Offshore Structures	<b>Maritime Technology and Maritime Systems (part 2)</b>					VL 2			
4										Analysis of Maritime Systems		
5			Analysis of Maritime Systems	UE 1								
6			<b>Ship Vibration</b>	VL 2					<b>Computational Structural Dynamics</b>	VL 3		
7	Computational Structural Dynamics											
8	Computational Structural Dynamics	UE 1										
9	Ship Vibration	UE 2										
10	Ship Vibration	UE 2										
11	<b>Ship Safety</b>	VL 2	<b>Numerical Algorithms in Structural Mechanics</b>	VL 2	<b>Nonlinear Structural Analysis</b>	VL 3						
12									Numerical Algorithms in Structural Mechanics			
13			Ship Safety	HÜ 2					Numerical Algorithms in Structural Mechanics	UE 2	Nonlinear Structural Analysis	UE 1
14												
15			Ship Safety	HÜ 2								
16			Ship Safety	HÜ 2								
17	Ship Safety	HÜ 2										
18	<b>Seakeeping of Ships and Laboratory on Naval Architecture (part 1)</b>	VL 2	<b>Special topics of ship structural design</b>	VL 2	<b>Advanced Ship Design</b>	VL 2						
19									Special topics of ship structural design			
20									Special topics of ship structural design	PBL 2		
21	Seakeeping of Ships	VL 2										
22	Seakeeping of Ships	UE 2										
23	<b>Maritime Technology and Maritime Systems (part 1)</b>	VL 2			<b>Fatigue Strength of Ships and Offshore Structures</b>	VL 2						
24									Introduction to Maritime Technology			
25									Introduction to Maritime Technology	UE 1		
26					Fatigue Strength of Ships and Offshore Structures	VL 2						
27					Fatigue Strength of Ships and Offshore Structures	UE 2						
28					Fatigue Strength of Ships and Offshore Structures	UE 2						
29					Fatigue Strength of Ships and Offshore Structures	UE 2						
30					Fatigue Strength of Ships and Offshore Structures	UE 2						
Business & Management (from catalogue) - 6LP												
Nontechnical Elective Complementary Courses for Master (from catalogue) - 6LP												

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

