

# Course of Study Naval Architecture (Study Cohort w14)

Sample course plan - Bachelor Naval Architecture (SBBS)

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	FormHrs/wk	Semester 2	FormHrs/wk	Semester 3	FormHrs/wk	Semester 4	FormHrs/wk	Semester 5	FormHrs/wk	Semester 6	FormHrs/wk
1	<b>Basics of Electrical Engineering</b>	VL 3 UE 2	<b>Informatik für Maschinenbau-Ingenieure (part 2)</b>	VL 2 UE 2	<b>Advanced Mechanical Engineering Design (part 1)</b>	VL 2 HÜ 2	<b>Advanced Mechanical Engineering Design (part 2)</b>	VL 2 HÜ 2	<b>Stochastics and Ship Dynamics (part 1)</b>	VL 2	<b>Stochastics and Ship Dynamics (part 2)</b>	VL 2 UE 1
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8	<b>Informatik für Maschinenbau-Ingenieure (part 1)</b>	VL 2 UE 2 HÜ 1	VL 2 HÜ 2	HÜ 2	<b>Foundations of Management</b>	VL 4 PBL 2	<b>Hydrostatics and Body Plan (part 2)</b>	VL 2 HÜ 2	<b>Fundamentals of Ship Structural Design and Analysis</b>	VL 2 VL 2	<b>Structural Design and Construction of Ships (part 2)</b>	VL 2 UE 2
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17	<b>Mathematics I</b>	VL 2 UE 1 HÜ 1 VL 2 UE 1 HÜ 1	<b>Technical Thermodynamics I</b>	VL 2 HÜ 1 UE 1	<b>Mathematics III</b>	VL 2 UE 1 HÜ 1 VL 2 UE 1 HÜ 1	<b>Mathematics IV</b>	VL 2 UE 1 HÜ 1 VL 2 UE 1 HÜ 1	<b>Fundamentals of Ship Structural Design</b>	UE 1 UE 1	<b>Ship Design</b>	VL 2 HÜ 2
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18	<b>Mechanics I (Statics)</b>	VL 2 UE 2 HÜ 1	<b>Mechanics II: Mechanics of Materials</b>	VL 2 UE 2	<b>Mechanics III (Hydrostatics, Kinematics, Kinetics I)</b>	VL 3 UE 2 HÜ 1	<b>Mechanics IV (Kinetics II, Oscillations, Analytical Mechanics, Multibody Systems)</b>	VL 3 UE 2 HÜ 1	<b>Structural Design and Construction of Ships (part 1)</b>	VL 3	<b>Bachelor Thesis</b>	
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25	<b>Fundamentals of Materials Science (part 1)</b>	VL 2	VL 2 UE 1 HÜ 1	VL 2 UE 2 HÜ 1	VL 3 UE 2 HÜ 1	VL 3 HÜ 2	<b>Fluid Mechanics for Naval Architects</b>	VL 3 HÜ 2	<b>Marine Propulsion</b>	VL 1 HÜ 1		
26												

	Physical and Chemical Basics of Materials Science	VL 2	Analysis II Analysis II	HÜ 1 UE 1			Fundamentals of Marine Engineering	VL 2	
27							Fundamentals of Marine Engineering	HÜ 1	
28					<b>Hydrostatics and Body Plan (part 1)</b> Body Plan	PS 2	<b>Resistance and Propulsion</b> Resistance and Propulsion	VL 2 HÜ 2	
29									
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Nontechnical Complementary Courses for Bachelors (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.