

Course of Study Naval Architecture (Study Cohort w15)

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	Basics of Electrical Engineering	VL 3 UE 2	Computer Science for Mechanical Engineers (part 2)	VL 2 UE 2	Advanced Mechanical Engineering Design (part 1)	VL 2 HÜ 2	Advanced Mechanical Engineering Design (part 2)	VL 2 HÜ 2	Stochastics and Ship Dynamics (part 1)	VL 2	Stochastics and Ship Dynamics (part 2)	VL 2 UE 1
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11	Mathematics I	VL 2 UE 1 HÜ 1 VL 2 UE 1 HÜ 1	Technical Thermodynamics I	VL 2 HÜ 1 UE 1	Mathematics III	VL 2 UE 1 HÜ 1	Hydrostatics and Body Plan (part 2)	VL 2 HÜ 2	Fundamentals of Ship Structural Design and Analysis	VL 2 VL 2 UE 1 UE 1	Structural Design and Construction of Ships (part 2)	VL 2 UE 2
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21	Mechanics I (Statics)	VL 2 UE 2 HÜ 1	Mechanics II: Mechanics of Materials	VL 2 UE 2 HÜ 2	Mechanics III (Hydrostatics, Kinematics, Kinetics I)	VL 3 UE 2 HÜ 1	Fluid Dynamics	VL 3 HÜ 2	Fundamentals of Ship Structural Design	UE 1 UE 1	Ship Design	VL 2 HÜ 2
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31	Fundamentals of Materials Science (part 1)	VL 2 VL 2 HÜ 1	Mathematics II	VL 2 UE 1 HÜ 1	Mechanics III (Kinetics II, Oscillations, Analytical Mechanics, Multibody Systems)	VL 3 UE 2 HÜ 1	Fluid Dynamics	VL 3 HÜ 2	Fundamentals of Ship Structural Design	UE 1 UE 1	Ship Design	VL 2 HÜ 2
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41	Physical and Chemical	VL 2	Mechanics II: Mechanics of Materials	VL 2 UE 2 HÜ 2	Mechanics III (Kinetics II, Oscillations, Analytical Mechanics, Multibody Systems)	VL 3 UE 2 HÜ 1	Fluid Dynamics	VL 3 HÜ 2	Fundamentals of Ship Structural Design	UE 1 UE 1	Ship Design	VL 2 HÜ 2
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	Physical and Chemical Basics of Materials Science	Analysis II	UE 1			Fundamentals of Marine Engineering	HÜ 1	
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28				Hydrostatics and Body Plan (part 1)		Resistance and Propulsion		
				Body Plan	PS 2	Resistance and Propulsion	VL 2	
29						Resistance and Propulsion	HÜ 2	
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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.