

Exclosure to Subject Specific Regulations  
 from 03.08.2018  
 for Bachelor-Programme Schiffbau  
 at TUHH  
 Programme Director: Prof. Christopher  
 Friedrich Wirz  
 Total: 180 CP  
 Number of Specilisations to choose: 0



## Course Scheme Bachelor Naval Architecture (SBBS)

Consolidated Version  
 for Study Cohort: WiSe19/20  
 en\_head\_sda  
 and Approval of Chair from:  
 19.05.2021  
 Replaces Version from: 15.04.2020  
 In Force on: 01.10.2018  
 Out of Force on: 31.03.2024

Information regarding the lectures are available in the TUHH modul manuals as well as in the course catalogue.

		Module					Examination				Course Work		
Re-com. Term	Module Name (German / English)	Language	ModuleResponsability	Institute	C/EC (1)	CM/OM (2)	CP (4)	Grade	Examination Form(3)	Compulsory	Course Work Type	Bonus (in %)	
<b>Core Qualification</b> Compulsory Courses: 168 LP Optional Courses: 0 LP													
1	Grundlagen der Elektrotechnik / Basics of Electrical Engineering	DE	Prof. Kern	M-4	C	CM	6	Y	KL				
1	Informatik für Maschinenbau-Ingenieure / Computer Science for Mechanical Engineers	DE	Prof. Fey	E-13	C	CM	6	Y	KL	N	ÜA	10	
1	Mathematik I / Mathematics I	DE	Prof. Taraz	E-10	C	CM	8	Y	KL				
1	Mechanik I (Stereostatik) / Mechanics I (Statics)	DE	Prof. Seifried	M-13	C	CM	6	Y	KL	N	MT	20	
1-2	Grundlagen der Werkstoffwissenschaften / Fundamentals of Materials Science	DE	Prof. Weißmüller	M-22	C	CM	6	Y	KL				
2	Grundlagen der Konstruktionslehre / Fundamentals of Mechanical Engineering Design	DE	Prof. Krause	M-17	C	CM	6	Y	KL				
2	Mathematik II / Mathematics II	DE	Prof. Taraz	E-10	C	CM	8	Y	KL				
2	Mechanik II: Elastostatik / Mechanics II: Mechanics of Materials	DE	Prof. Cyron	M-15	C	CM	6	Y	KL				
2	Technische Thermodynamik I / Technical Thermodynamics I	DE	Prof. Schmitz	M-21	C	CM	6	Y	KL				
3	Grundlagen der Betriebswirtschaftslehre / Foundations of Management	DE	Prof. Ihl	W-11	C	CM	6	Y	FFA				
3	Mathematik III / Mathematics III	DE	Prof. Taraz	0-UNIHH	C	CM	8	Y	KL				
3	Mechanik III (Dynamik) / Mechanics III (Dynamics) (lt. letzter PO Mechanik III (Hydrostatik, Kinematik, Kinetik I))	DE	Prof. Seifried	M-13	C	CM	6	Y	KL				
3-4	Hydrostatik und Linierriss / Hydrostatics and Body Plan	DE	Prof. Krüger	M-6	C	CM	6	Y	KL				

		Module					Examination			Course Work		
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3-4	Konstruktionslehre Gestalten / Mechanical Engineering: Design	DE	Prof. Krause	M-17	C	CM	6	Y	KL	Y	SA	0
										Y	SA	0
										Y	SA	0
										Y	SA	0
3-4	Vertiefte Konstruktionslehre / Advanced Mechanical Engineering Design	DE	Prof. Krause	M-17	C	CM	6	Y	KL			
4	Mathematik IV / Mathematics IV	DE	Prof. Taraz	0-UNIHH	C	CM	6	Y	KL			
4	Mechanik IV (Schwingungen, Analytische Mechanik, Mehrkörpersysteme, Numerische Mechanik) / Mechanics IV (Oscillations, Analytical Mechanics, Multibody Systems, Numerical Mechanics) (lt. letzter PO Mechanik IV (Kinetik II, Schwingungen, Analytische Mechanik, Mehrkörpersysteme))	DE	Prof. Seifried	M-13	C	CM	6	Y	KL			
4	Strömungsmechanik / Fluid Dynamics	DE / EN	Prof. Rung	M-8	C	CM	6	Y	KL			
5	Grundlagen der Konstruktion und Strukturanalyse von Schiffen / Fundamentals of Ship Structural Design and Analysis	DE	Prof. Ehlers	M-10	C	CM	8	Y	KL			
5	Numerische Methoden der Thermofluidodynamik I / Computational Fluid Dynamics I	DE	Prof. Rung	M-8	C	CM	6	Y	KL			
5	Schiffs-Antriebstechnik / Marine Propulsion	DE	Prof. Wirz	M-12	C	CM	6	Y	KL			
5	Widerstand und Propulsion / Resistance and Propulsion	DE	Prof. Krüger	M-6	C	CM	6	Y	KL			
5-6	Konstruktion und Fertigung von Schiffen / Structural Design and Construction of Ships	DE	Prof. Ehlers	M-10	C	CM	9	Y	KL			
5-6	Stochastik und Schiffsdynamik / Stochastics and Ship Dynamics	DE	Prof. Abdel-Maksoud	M-8	C	CM	7	Y	KL			
6	Entwerfen von Schiffen / Ship Design	DE	Prof. Krüger	M-6	C	CM	6	Y	KL			
1-6	Nichttechnische Angebote im Bachelor / Non-technical Courses for Bachelors	DE / EN	Richter	0-TUHH	C	OM	6	Selection out of seperatly published Catalogue				
<b>Thesis</b> Compulsory Courses: 12 LP Optional Courses: 0 LP												
6	Bachelorarbeit / Bachelor Thesis		Professoren der TUHH	0-TUHH	C	CM	12	Y	AB			

#### Explanation:

<sup>1</sup>C=Compulsory, EC=Elective Compulsory

<sup>2</sup>CM=Compulsory Defined Module, OM=Optional Defined Module

<sup>3</sup>MT=Midterm, KL=Written exam, SA=Written elaboration, FFA=Subject theoretical and practical work, MP=Oral exam, RE=Presentation, ÜA=Exercices, AB=Thesis

<sup>4</sup>CP=Credit Points

<sup>5</sup>VL=Lecture, SE=Seminar, GÜ=Recitation Section (small), PBL=Project-/problem-based Learning, PS=Project Seminar, HÜ=Recitation Section (large)

<sup>6</sup>DE=German, EN=English, DE/EN=German and English

<sup>7</sup>SWS=Contact hours