Exclosure to Subject Specific Regulations
from 25.07.2018
for Bachelor-Programme Verfahrenstechnik
at TUHH
Programme Director: Prof. Michael Schlüter
Total: 180 CP
Number of Specilisations to choose: 0

Hamburg University of Technology

Course Scheme Bachelor Process Engineering (VTBS)

Consolidated Version
for Study Cohort: WiSe20/21
en_head_sda
and Approval of Chair from:
30.04.2020
In Force on: 01.10.2020
Out of Force on: 31.03.2025

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	Exami-nation Form(3)	Compulsory	Course Work Type	Bonus (in %)
Core qualification Compulsory Courses: 165 LP Optional Courses: 3 LP													
	1	Allgemeine und Anorganische Chemie / General and Inorganic Chemistry	DE	Prof. Luinstra	0-UNIHH	C	CM	6	Y	KL	Y	FFST	0
	1	Grundlagen der Verfahrenstechnik und Werkstofftechnik / Fundamentals of Process Engineering and Material Engineering	DE	Prof. Schlüter	V-5	C	CM	3	Y	KL	N	SA	5
	1	Mathematik I / Mathematics I	DE	Prof. Taraz	E-10	C	CM	8	Y	KL			
	1	Messtechnik für VT / BVT / Measurement Technology for VT/ BVT	DE	Prof. Schlüter	V-5	C	CM	6	Y	KL	Y	TE	5
	1	Technische Mechanik I / Engineering Mechanics I	DE	Prof. Weltin	M-24	C	CM	6	Y	KL			
	2	Grundlagen des Technischen Zeichnens / Fundamentals of technical drawing	DE	Dr. Hoffmann	V-5	C	CM	3	Y	KL	N	ÜA	5
	2	Mathematik II / Mathematics II	DE	Prof. Taraz	E-10	C	CM	8	Y	KL			
	2	Organische Chemie / Organic Chemistry	DE	Dr. Neffe	0-UNIHH	C	CM	6	Y	KL	Y	FFST	0
	2	Technische Mechanik II / Engineering Mechanics II	DE	Prof. Weltin	M-24	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 Elektrotechnik / Basics of Electrical Engineering	DE	Prof. Kern	M-4	C	CM	6	Y	KL			
	3	Konstruktion und Apparatebau / Construction and Apparatus Engineering	DE	Dr. Hoffmann	V-5	C	CM	6	Y	KL	N	ÜA	5
	3	Mathematik III / Mathematics III	DE	Prof. Taraz	0-UNIHH	C	CM	8	Y	KL			
	3	Technische Thermodynamik II / Technical Thermodynamics II	DE	Prof. Schmitz	M-21	C	CM	6	Y	KL			
	3-4	Chemische Reaktionstechnik / Chemical Reaction Engineering	DE / EN	Prof. Horn	V-2	C	CM	6	Y	KL	Y	FFST	0

	Module							Examination			Course Work		
	Re-com. Term	Module Name (German / English)	Language	ModuleResponsability	Institute	C/EC (1)	CM/ OM (2)	CP (4)	Grade	Exami-nation Form(3)	Compulsory	Course Work Type	Bonus (in %)
	4	Bioverfahrenstechnik - Grundlagen / Bioprocess Engineering - Fundamentals	DE	Prof. Liese	V-6	C	CM	6	Y	KL	Y	FFST	5
	4	Grundlagen der Strömungsmechanik / Fundamentals of Fluid Mechanics	DE	Prof. Schlüter	V-5	C	CM	6	Y	KL	Y	MT	5
	4	Informatik für Verfahrensingenieure / Informatics for Process Engineers	DE	Dr. Venzke	E-17	C	CM	6	Y	KL			
	4	Phasengleichgewichtsthermodynamik / Phase Equilibria Thermodynamics	DE	Prof. Smirnova	V-8	C	CM	6	Y	KL			
	4	Regenerative Energiesysteme und Energiewirtschaft / Renewables and Energy Systems	DE / EN	Prof. Kaltschmitt	V-9	C	CM	6	Y	KL			
	5	Grundlagen der Betriebswirtschaftslehre / Foundations of Management	DE	Prof. Ihl	W-11	C	CM	6	Y	FFA			
	5	Grundlagen der Regelungstechnik / Introduction to Control Systems	DE	Prof. Werner	E-14	C	CM	6	Y	KL			
	5	Praxis in der Verfahrenstechnik / Practice of Process Engineering	DE / EN	Prof. Smirnova	SD-V	C	CM	3	N	FFA			
	5	Thermische Grundoperationen / Thermal Separation Processes	DE / EN	Prof. Smirnova	V-8	C	CM	6	Y	KL			
	5	Wärme- und Stoffübertragung / Heat and Mass Transfer	DE	Prof. Smirnova	V-8	C	CM	6	Y	KL			
	5-6	Umwelttechnik / Environmental Technology	DE	Prof. Kaltschmitt	V-9	EC	CM	3	Y	KL	Y	FFST	0
	6	Partikeltechnologie und Feststoffverfahrenstechnik I / Particle Technology and Solids Process Engineering	DE / EN	Prof. Heinrich	V-3	C	CM	6	Y	KL	Y	SA	0
	6	Prozess- und Anlagentechnik I / Process and Plant Engineering I	DE	Prof. Skiborowski	V-4	C	CM	6	Y	KL	Y	FFST	10
	6	Umweltbewertung / Environmental Technology	DE / EN	Prof. Kaltschmitt	V-9	EC	CM	3	Y	KL			
	1-6	Nichttechnische Angebote im Bachelor / Non-technical Courses for Bachelors (lt. letzter PO Nichttechnische Ergänzungskurse im Bachelor)	DE / EN	Richter	0-TUHH	C	OM	6	Selection out of seperatly published Catalogue				
Thesis	Compulsory Courses: 12 LP Optional Courses: 0 LP												
	6	Bachelorarbeit / Bachelor Thesis		Professoren der TUHH	0-TUHH	C	CM	12	Y	AB			

Explanation:

[1]C=Compulsory, EC=Elective Compulsory
[2]CM=Compulsory Defined Module, OM=Optional Defined Module
[3]KL=Written exam, MT=Midterm, SA=Written elaboration, FFA=Subject theoretical and practical work, FFST=Subject theoretical and practical work, MP=Oral exam, RE=Presentation, ÜA=Excercises, AB=Thesis, TE=Attestation
[4]CP=Credit Points
[5]VL=Lecture, SE=Seminar, UE=Recitation Section (small), PBL=Project-/problem-based Learning, PR=Practical Course, PS=Project Seminar, HÜ=Recitation Section (large)
[6]DE=German, EN=English, DE/EN=German and English
[7]SWS=Contact hours