

Exclosure to Subject Specific Regulations  
 from 25.07.2018  
 for Bachelor-Programme  
 Logistik und Mobilität  
 at TUHH  
 Programme Director: Prof. Heike Flämig  
 Total: 180 CP  
 Number of Specilisations to choose: 2

## Course Scheme Bachelor Logistics and Mobility (LUMBS)

Consolidated Version  
 for Study Cohort: WiSe18/19  
 en\_head\_sda  
 and Approval of Chair from:  
 30.04.2020  
 Replaces Version from: 20.03.2019  
 In Force on: 01.10.2018  
 Out of Force on: 31.03.2023

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: 126 LP Optional Courses: 6 LP													
1	Einführung in Logistik und Mobilität / Introduction to Logistics and Mobility	DE	Prof. Flämig	W-8	C	CM	6	Y	KL	N	SA	2.5	
										N	SA	2.5	
										N	RE	2.5	
										N	ÜA	2.5	
1	Grundlagen der Betriebswirtschaftslehre / Foundations of Management	DE	Prof. Ihl	W-11	C	CM	6	Y	FFA				
1	Mathematik I / Mathematics I	DE	Prof. Taraz	E-10	C	CM	8	Y	KL				
1	Technische Mechanik I / Engineering Mechanics I	DE	Prof. Weltin	M-24	C	CM	6	Y	KL				
2	Logistikmanagement / Logistics Management	DE	Prof. Kersten	W-2	C	CM	6	Y	KL	N	FFST	20	
2	Mathematik II / Mathematics II	DE	Prof. Taraz	E-10	C	CM	8	Y	KL				
2	Technische Logistik / Technical Logistics	DE	Prof. Kreuzfeldt	W-6	C	CM	6	Y	KL				
2	Technische Mechanik II / Engineering Mechanics II	DE	Prof. Weltin	M-24	C	CM	6	Y	KL				
2	Unternehmensführung / Management	DE	Prof. Wrona	W-10	C	CM	6	Y	KL				
3	Grundlagen der Elektrotechnik / Basics of Electrical Engineering	DE	Prof. Kern	M-4	C	CM	6	Y	KL				
3	Mathematik III - Differentialgleichungen I / Mathematics III - Differential Equations I	DE	Dozenten des Fachbereiches Mathematik der UHH	0-UNIHH	C	CM	4	Y	KL				
3	Rechtliche Grundlagen Transport, Verkehr und Logistik / Legal Foundations of Transportation and Logistics	DE	Prof. Flämig	W-8	C	CM	4	Y	KL				
3	Transport- und Umschlagtechnik / Transport- and Handling-Technology	DE	Prof. Jahn	W-12	C	CM	6	Y	KL				

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 %)
3	Verkehrsplanung und Verkehrstechnik / Transportation Planning and Traffic Engineering	DE	Prof. Gertz	W-8	C	CM	6	Y	FFA	Y	GD	0
										N	ÜA	5
3	Betriebswirtschaftliche Planung unternehmensorientierter Ressourcen: CERMEDES AG / Business Administration and Enterprise Resource Planning: CERMEDES AG	DE	Prof. Ringle	W-9	EC	CM	6	Y	SA			
3	Betriebswirtschaftliche Themen der Logistik / Business Issues in Logistics	DE	NN	W-12	EC	CM	6	Y	SA			
3	Unternehmenssimulation Marktstrat / Business Simulation Marktstrat	DE	Prof. Lühje	W-3	EC	CM	6	Y	FFA			
3-4	Ausgewählte Probleme des Managements / Selected Problems of Management	DE	Prof. Wrona	W-10	EC	CM	6	Y	KL			
4	Einführung in Quantitative Methoden in der Logistik / Introduction to Quantitative Methods in Logistics	DE	Prof. Fischer	W-4	C	CM	6	Y	KL			
4	Grundlagen der Konstruktionslehre / Fundamentals of Mechanical Engineering Design	DE	Prof. Krause	M-17	C	CM	6	Y	KL			
4	Grundlagen der Verkehrswirtschaft / Introduction to Transportation Economics	DE	Prof. Flämig	W-8	C	CM	6	Y	KL			
4	IT für die Logistik / IT for Logistics	DE / EN	Prof. Gollmann	E-15	C	CM	6	Y	KL	N	RE	15
4-5	Betriebswirtschaftliche Ergänzungskurse / Complementary Courses in Business Administration	DE / EN	Prof. Flämig	W-8	C	OM	6	Selection out of Catalogue below				
5	Studienarbeit Logistik und Mobilität / Project Course Logistics and Mobility		Dozenten des Studiengangs	0-TUHH	C	CM	6	Y	STA			
1-6	Nichttechnische Ergänzungskurse im Bachelor / Nontechnical Complementary Courses for Bachelors	DE / EN	Richter	0-TUHH	C	OM	6	Selection out of seperatly published Catalogue				
<b>Specialisation Engineering Science</b> Compulsory Courses: 0 LP Optional Courses: 12 LP												
5	Grundlagen der Regelungstechnik / Introduction to Control Systems	DE	Prof. Werner	E-14	EC	CM	6	Y	KL			
5	Prozedurale Programmierung / Procedural Programming	DE	Prof. Rump	E-19	EC	CM	6	Y	KL			
5-6	Fertigungstechnik / Production Engineering	DE	Prof. Hintze	M-18	EC	CM	6	Y	KL			
5-6	Grundlagen der Werkstoffwissenschaften / Fundamentals of Materials Science	DE	Prof. Weißmüller	M-22	EC	CM	6	Y	KL			
6	Elektrische Maschinen und Antriebe / Electrical Machines and Actuators	DE	Prof. Kern	M-4	EC	CM	6	Y	FFA			
6	Graphentheorie und Optimierung / Graph Theory and Optimization	DE / EN	Prof. Taraz	E-10	EC	CM	6	Y	KL			

		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 %)	
6	Grundlagen des Produktions- und Qualitätsmanagements / Fundamentals of Production and Quality Management	EN	Prof. Lödding	M-18	EC	CM	6	Y	KL				
6	Objektorientierte Programmierung, Algorithmen und Datenstrukturen / Objectoriented Programming, Algorithms and Data Structures	DE	Prof. Grigat	E-2	EC	CM	6	Y	KL				
6	Stochastik / Stochastics	DE / EN	Prof. Lindner	E-10	EC	CM	6	Y	KL				
<b>Specialisation Logistics and Mobility</b> Compulsory Courses: 0 LP Optional Courses: 24 LP													
4	Logistikdienstleister-Management / Logistics Service Provider Management	DE	Prof. Flämig	W-8	EC	CM	6	Y	SA				
4	Mobilitätskonzepte / Mobility Concepts	DE	Dr. Gaffron	W-8	EC	CM	6	Y	SA	Y	EX	0	
										Y	ÜA	0	
4	Simulation in der Intralogistik / Simulation of intra logistics	DE	Dr. Hinckeldeyn	W-6	EC	CM	6	Y	KL				
5	Logistische Systeme - Industrie 4.0 / Logistical systems - Industry 4.0	DE	Prof. Kreutzfeldt	W-6	EC	CM	6	Y	SA				
5	Objektorientierte Programmierung in der Logistik / Object-oriented programming in logistics	DE	Dr. Hinckeldeyn	W-6	EC	CM	6	Y	KL				
5	Produktionslogistik / Production Logistics	DE	Prof. Blecker	W-2	EC	CM	6	Y	SA				
5	Simulation von Transport- und Umschlagssystemen / Simulation of Transport and Handling Systems	DE	Prof. Jahn	W-12	EC	CM	6	Y	FFA	N	FFST	20	
6	Grundlagen des Eisenbahnwesens / Introduction to Railways	DE	Prof. Gertz	W-8	EC	CM	6	Y	KL				
6	Logistik und Umwelt / Logistics and Environment	DE	Prof. Flämig	W-8	EC	CM	6	Y	SA				
6	Luftfahrtsysteme / Aeronautical Systems	DE	Prof. Thielecke	M-7	EC	CM	6	Y	KL				
<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				

## Complementary Courses in Business Administration

Course					Examination			
Course Name (German / English)	Course Form LV(5)	Language (6)	SWS (7)	Sem. LV	CP (4)	Grade	Examination Form(3)	Additional information
Angewandte Spieltheorie / Applied game theory	VL	DE	2	WiSe	2	N	KL	
Betriebliches Entscheiden / Introduction to Methods for Business Decision Making	VL	DE	2	SoSe	2	N	KL	

Course					Examination			
Course Name (German / English)	Course Form LV(5)	Language (6)	SWS (7)	Sem. LV	CP (4)	Grade	Examination Form(3)	Additional information
Betriebsmanagement und -organisation / Production Management and Organization	VL	DE	2	WiSe	2	N	KL	
Einführung in das Recht / Introduction to Law	VL	DE	2	WiSe/SoSe	2	N	KL	
Globales Innovationsmanagement / Global Innovation Management	VL	EN	2	WiSe	2	N	KL	
Grundlagen der Volkswirtschaftslehre / Introduction to Economics	VL	EN	2	WiSe	3	N	KL	
Gründungsmanagement / Entrepreneurship	VL	DE	2	SoSe	2	N	KL	
Recht für Ingenieure / Law for Engineers	VL	DE	2	WiSe	2	N	KL	
Unternehmensstrategien / Corporate Strategies	VL	DE	2	SoSe	2	N	KL	
Wirtschaftsprivatrecht / Civil- & Business Law	VL	DE	2	SoSe	2	N	KL	

#### Explanation:

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

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

<sup>3</sup>KL=Written exam, SA=Written elaboration, FFA=Subject theoretical and practical work, FFST=Subject theoretical and practical work, MP=Oral exam, RE=Presentation, GD=Group discussion, STA=Study work, ÜA=Exercices,

<sup>4</sup>AB=Thesis, EX=Participation in excursions

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

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

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

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