Exclosure to Subject Specific Regulations

from 16.11.2022

for Master-Programme Data Science

at TUHH

Programme Director: Prof. Tobias Knopp

Total: 120 CP

Number of Specilisations to choose: 4

TUHH
Course Scheme Master
Data Science
(DSMS)

Consolidated Version

for Study Cohort: WiSe23/24

en head sda

and Approval of Chair from:

21.06.2023

Replaces Version from: 15.03.2023

In Force on: 01.10.2023

Out of Force on: 30.09.2026

Ein Modul kann pro Studienverlauf nur einmal belegt werden.

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

Module						Examination Course					Nork	
Module Name (German / English)	Name (German / English) Language ModuleRespon					CP (4)	Grade	Exami-	Compulsory	Course	Bonus (in	
					OM (2)			nation		Work	%)	
								Form(3)		Type		
ualification Compulsory Courses: 48 LP Optional Courses: 0	LP											
Fortgeschrittenes maschinelles Lernen / Advanced Machine	DE / EN	Dr. Zemke	E-10	С	СМ	6	Y	KL				
Learning												
Big Data / Big Data	EN	Prof. Schulte	E-19	С	СМ	6	Υ	FFA				
Statistical Models / Statistical Models	EN	Prof. Schulte	E-10	С	СМ	6	Υ	MP				
Advanced Seminar Computer Science and Communication	EN	Dozenten des SD E	SD-E	С	СМ	3	Y	RE				
Technology / Advanced Seminar Computer Science and												
Communication Technology												
Forschungsprojekt Informatik / Research Project Computer	DE / EN	Dozenten des SD E	SD-E	С	СМ	12	Y	STA				
Science												
Scientific Methods / Scientific Methods	EN	Prof. Schulte	E-19	С	CM	3	N	FFA				
Nichttechnische Angebote im Master / Non-technical Courses	DE / EN	Richter	0-TUHH	С	ОМ	6	Selection ou	t of seperat	ly published C	atalogue		
for Master												
Betrieb & Management / Business & Management	DE / EN	Prof. Meyer	W-1	С	ОМ	6	Selection ou	t of seperat	ly published C	atalogue		
'												
lisation I. Mathematics Compulsory Courses: 0 LP Optiona	l Courses: 6 LI	P										
Hierarchische Algorithmen / Hierarchical Algorithms	DE / EN	Prof. Le Borne	E-10	EC	СМ	6	Y	MP				
				F.C	614		Y	1/1		ÜA	20	
Lineare und Nichtlineare Optimierung / Linear and Nonlinear	DE / EN	Prof. Mnich	E-11	EC	CM	6	ĭ	KL	N	ÜA	20	
Lineare und Nichtlineare Optimierung / Linear and Nonlinear Optimization	DE / EN	Prof. Mnich	E-11	EC	СМ	6	Ť	KL	N	UA	20	
2	Fortgeschrittenes maschinelles Lernen / Advanced Machine Learning  Big Data / Big Data  Statistical Models / Statistical Models  Advanced Seminar Computer Science and Communication Technology / Advanced Seminar Computer Science and Communication Technology  Forschungsprojekt Informatik / Research Project Computer Science  Scientific Methods / Scientific Methods  Nichttechnische Angebote im Master / Non-technical Courses for Master  Betrieb & Management / Business & Management  Hisation I. Mathematics Compulsory Courses: 0 LP Optiona Hierarchische Algorithmen / Hierarchical Algorithms	Module Name (German / English)  Rualification Compulsory Courses: 48 LP Optional Courses: 0 LP Fortgeschrittenes maschinelles Lernen / Advanced Machine Learning  Big Data / Big Data  Statistical Models / Statistical Models  Advanced Seminar Computer Science and Communication Technology / Advanced Seminar Computer Science and Communication Technology  Forschungsprojekt Informatik / Research Project Computer Science  Scientific Methods / Scientific Methods  Nichttechnische Angebote im Master / Non-technical Courses for Master  Betrieb & Management / Business & Management  DE / EN  DISTANCE OF THE METHOD OPTIONAL COURSES: 6 LI Hierarchische Algorithmen / Hierarchical Algorithms  DE / EN	Module Name (German / English)  Language ModuleResponsability  Pualification Compulsory Courses: 48 LP Optional Courses: 0 LP  Fortgeschrittenes maschinelles Lernen / Advanced Machine Learning  Big Data / Big Data  EN Prof. Schulte  Statistical Models / Statistical Models  Advanced Seminar Computer Science and Communication Technology / Advanced Seminar Computer Science and Communication Technology  Forschungsprojekt Informatik / Research Project Computer Science  Scientific Methods / Scientific Methods  Nichttechnische Angebote im Master / Non-technical Courses for Master  Betrieb & Management / Business & Management  DE / EN Prof. Meyer  Ilisation I. Mathematics Compulsory Courses: 0 LP Optional Courses: 6 LP  Hierarchische Algorithmen / Hierarchical Algorithms  DE / EN Prof. Le Borne	Module Name (German / English)  Language ModuleResponsability  Institute  Paralification Compulsory Courses: 48 LP Optional Courses: 0 LP  Fortgeschrittenes maschinelles Lernen / Advanced Machine Learning  Big Data / Big Data  EN Prof. Schulte E-19  Statistical Models / Statistical Models  Advanced Seminar Computer Science and Communication Technology / Advanced Seminar Computer Science and Communication Technology / Advanced Seminar Computer Science and Communication Technology  Forschungsprojekt Informatik / Research Project Computer Science  Science  Scientific Methods / Scientific Methods  EN Prof. Schulte E-19  Nichttechnische Angebote im Master / Non-technical Courses DE / EN Richter  DE / EN Richter  O-TUHH  for Master  Betrieb & Management / Business & Management  DE / EN Prof. Meyer  W-1  Hierarchische Algorithmen / Hierarchical Algorithms  DE / EN Prof. Le Borne  E-10	Module Name (German / English)   Language   ModuleResponsability   Institute   C/EC (1)	Module Name (German / English)  Language ModuleResponsability Institute C/EC (1) CM/OM (2)  Potalification Compulsory Courses: 48 LP Optional Courses: 0 LP  Fortgeschrittenes maschinelles Lernen / Advanced Machine Learning  Big Data / Big Data  EN Prof. Schulte E-19 C CM  Statistical Models / Statistical Models  Advanced Seminar Computer Science and Communication Technology / Advanced Seminar Computer Science and Communication Technology / Advanced Seminar Computer Science and Computer Science DE / EN Dozenten des SD E SD-E C CM  Scientific Methods / Scientific Methods  EN Prof. Schulte E-19 C CM  Nichttechnische Angebote im Master / Non-technical Courses DE / EN Richter 0-TUHH C OM  Nichttechnische Angebote im Master / De / EN Prof. Meyer W-1 C OM  Nilisation I. Mathematics Compulsory Courses: 0 LP Optional Courses: 6 LP  Hierarchische Algorithmen / Hierarchical Algorithms DE / EN Prof. Le Borne E-10 EC CM	Module Name (German / English)  Language ModuleResponsability Institute C/EC (1) CM/ OM (2) CP (4)  Pualification Compulsory Courses: 48 LP Optional Courses: 0 LP  Fortgeschrittenes maschinelles Lernen / Advanced Machine Learning  Big Data / Big Data  EN Prof. Schulte E-19 C CM 6  Statistical Models / Statistical Models  EN Prof. Schulte E-10 C CM 6  Advanced Seminar Computer Science and Communication Technology / Advanced Seminar Computer Science and Communication Technology / Advanced Seminar Computer Science and Computer Science Scie	Module Name (German / English)  Language ModuleResponsability Institute C/EC (1) CM/ OM (2) CP (4) Grade  Paulification Compulsory Courses: 48 LP Optional Courses: 0 LP  Fortgeschrittenes maschinelles Lernen / Advanced Machine Learning  Big Data / Big Data EN Prof. Schulte E-19 C CM 6 Y  Statistical Models / Statistical Models EN Prof. Schulte E-10 C CM 6 Y  Advanced Seminar Computer Science and Communication EN Dozenten des SD E SD-E C CM 3 Y  Forschungsprojekt Informatik / Research Project Computer Science  Sciencific Methods / Scientific Methods EN Prof. Schulte E-19 C CM 3 N  Nichttechnische Angebote im Master / Non-technical Courses DE / EN Richter D-TUHH C OM 6 Selection out  Nichttechnische Angebote im Master / Business & Management DE / EN Prof. Meyer W-1 C OM 6 Selection out  Nilstation I. Mathematics Compulsory Courses: 0 LP Optional Courses: 6 LP  Hierarchische Algorithmen / Hierarchical Algorithms DE / EN Prof. Le Borne E-10 EC CM 6 Y  Would Responsability Delta Courses on LP  Non-technology CP (4) OM 6 Y  CP (4) OM (2) CP (4) OM 6 Y  CP (4) OM (2) CP (4) OM 6 Y  Prof. Schulte E-19 C CM 6 Y  Non-technology CP (4) OR (4) OM (4) Selection out  Non-technology CP (4) OM (4) OM (4) Selection out  Non-technology CP (4) OM (4)	Module Name (German / English)  Language ModuleResponsability Institute C/EC (1) CM/ OM (2) CP (4) Grade Examination Form(3)  Publification Compulsory Courses: 48 LP Optional Courses: 0 LP  Fortgeschrittenes maschinelles Lernen / Advanced Machine Learning DE / EN Dr. Zemke E-10 C CM 6 Y KL Learning  Big Data / Big Data EN Prof. Schulte E-19 C CM 6 Y FFA Statistical Models / Statistical Models / Statistical Models / Statistical Models EN Prof. Schulte E-10 C CM 6 Y MP Advanced Seminar Computer Science and Communication Technology / Advanced Seminar Computer Science and Communication Technology   DE / EN Dozenten des SD E SD-E C CM 3 Y FFA Science Science Science Science Science Science Master / Non-technical Courses DE / EN Prof. Schulte E-19 C CM 3 N FFA Nichtechnische Angebote im Master / Non-technical Courses DE / EN Prof. Schulte E-19 C CM 3 N FFA Selection out of seperat for Master Betrieb & Management / Business & Management DE / EN Prof. Meyer W-1 C OM 6 Selection out of seperat Nilsation I. Mathematics Compulsory Courses: 0 LP Optional Courses: 6 LP Hierarchische Algorithmen / Hierarchical Algorithmen DE / EN Prof. Le Borne E-10 EC CM 6 Y MP	Module Name (German / English)  Language ModuleResponsability Institute C/EC (1) CM/ OM (2) CP (4) Grade Examination Form(3)  Publification Compulsory Courses: 48 LP Optional Courses: 0 LP  Fortgeschrittenes maschinelles Lernen / Advanced Machine Learning  Big Data / Big Data   En   Prof. Schulte   E-19   C   CM   6   Y   KL    Statistical Models / Statistical Models   EN   Prof. Schulte   E-10   C   CM   6   Y   MP    Statistical Models / Statistical Models   EN   Prof. Schulte   E-10   C   CM   6   Y   MP    Advanced Seminar Computer Science and Communication Technology / Advanced Seminar Computer Science and Communication Technology   Forschungsprojekt Informatik / Research Project Computer   DE / EN   Dozenten des SD E   SD-E   C   CM   3   Y   STA    Science   Scientific Methods / Scientific Methods   EN   Prof. Schulte   E-19   C   CM   3   N   FFA    Nichttechnische Angebote im Master / Non-technical Courses   DE / EN   Richter   0-TUHH   C   OM   6   Selection out of seperatly published Consideration   CM   CM   CM   CM   CM   CM   CM   C	Module Name (German / English)  Language ModuleResponsability Institute C/EC (1) CM/ OM (2) CP (4) Grade Examination Form(3) Courses Work Type  Portingeschrittenes maschinelles Lernen / Advanced Machine Learning  Big Data / Big Data   Big Data   Big Data / Big Dat	

		Module					Examination						
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 %)	
2	Informationstheorie und Codierung / Information Theory and Coding	EN	Prof. Bauch	E-8	EC	СМ	6	Y	KL				
2	Numerik gewöhnlicher Differentialgleichungen / Numerical Methods for Ordinary Differential Equations	DE / EN	Prof. Ruprecht	E-10	EC	СМ	6	Y	KL				
2	Numerische Mathematik II / Numerical Mathematics II	DE / EN	Prof. Le Borne	E-10	EC	СМ	6	Y	MP				
2	Randomisierte Algorithmen und Zufällige Graphen / Randomised Algorithms and Random Graphs	DE / EN	Prof. Taraz	E-10	EC	СМ	6	Y	MP				
2	Wahrscheinlichkeitstheorie / Probability Theory	EN	Prof. Schulte	E-10	EC	СМ	6	Υ	MP				
		ptional Cours	1					ı					
1	Bildverarbeitung / Image Processing	DE / EN	Prof. Knopp	E-5	EC	СМ	6	Y	KL				
1	Digitale Nachrichtenübertragung / Digital Communications	DE / EN	Prof. Bauch	E-8	EC	СМ	6	Y	KL	Y	SA	0	
1	Massiv parallele Systeme: Architektur und Programmierung /	EN	Prof. Lal	E-EXK5	EC	CM	6	Y	MP	Υ	FFST	20	
-	Massively Parallel Systems: Architecture and Programming	EN	Doct Fox orbits	5.15	F.C.	CM	6		121		ÜA	10	
1	Sicherheit von Cyber-physischen Systemen / Security of Cyber-Physical Systems	EN	Prof. Fröschle	E-15	EC	СМ	6	Y	KL	N	ÜA	10	
1	Softwareverifikation / Software Verification	EN	Prof. Schupp	E-16	EC	CM	6	Υ	KL	Y	ÜA	15	
2	Advanced Internet Computing / Advanced Internet Computing	EN	Prof. Schulte	E-19	EC	СМ	6	Υ	FFA				
2	Angewandte Kryptographie / Applied Cryptography	EN	Prof. Fröschle	E-15	EC	СМ	6	Y	KL	N	ÜA	10	
2	Autonomous Cyber-Physical Systems / Autonomous Cyber- Physical Systems	EN	Prof. Renner	E-24	EC	СМ	6	Y	KL	N	TE	10	
2	Data Science zur Cybersicherheit / Cybersecurity Data Science	EN	Prof. Scandariato	E-22	EC	СМ	6	Υ	KL	N	FFST	5	
2	Entwicklung von sicherer Software / Secure Software Engineering	EN	Prof. Scandariato	E-22	EC	СМ	6	Y	KL	N	FFST	5	
2	GPU Architectures and Programming / GPU Architectures and Programming	EN	Prof. Lal	E-EXK5	EC	СМ	6	Y	MP				
2	Software für Eingebettete Systeme / Software for Embedded Systems	DE / EN	Prof. Renner	E-24	EC	СМ	6	Y	KL	N	TE	10	
2	Softwaretesten / Software Testing	EN	Prof. Schupp	E-16	EC	СМ	6	Υ	FFA				
Specia	lisation III. Applications Compulsory Courses: 0 LP Options	al Courses: 6 L	_P										
1	Angewandte Humanoide Robotik / Applied Humanoid Robotics	DE / EN	Göttsch	E-14	EC	СМ	6	Y	SA				
1	Digital Health / Digital Health	EN	Prof. Göldner	W-EXK2	EC	СМ	6	Y	KL	Y	ÜA	20	
1	Intelligente Systeme in der Medizin / Intelligent Systems in	EN	Prof. Schlaefer	E-1	EC	CM	6	Y	KL	Y	SA	10	
	Medicine									Y	RE	10	

	Module				Examination	on	Course Work Compulsory Course Bonus (						
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 %)	
1	Machine Learning for Physical Systems / Machine Learning for Physical Systems	EN	Prof. Cyron	M-15	EC	СМ	6	Y	KL				
1	Medizinische Bildgebung / Medical Imaging	DE / EN	Prof. Knopp	E-5	EC	СМ	6	Υ	KL				
1-2	Betriebsaspekte in der Luftfahrt (Variante A: 6 LP) / Operational Aspekts in Aviation	DE	Prof. Gollnick	M-28	EC	ОМ	6	Selection ou	t of Catalog	gue below			
2	Causal Data Science für Business Analytics / Causal Data Science for Business Analytics	EN	Prof. Ihl	W-11	EC	СМ	6	Y	FFA				
2	Data-Driven Innovation / Data-Driven Innovation	EN	Prof. Göldner	W-EXK2	EC	СМ	6	Y	KL	Y	ÜA	20	
2	Maschinelles Lernen in der Elektro- und Informationstechnik / Machine Learning in Electrical Engineering and Information Technology	EN	Prof. Bauch	E-8	EC	СМ	6	Y	MP				
2	Robotik und Navigation in der Medizin / Robotics and Navigation in Medicine	EN	Prof. Schlaefer	E-1	EC	СМ	6	Y	KL	Y	SA RE	10	
3	Deep Learning für Social Analytics / Deep Learning for Social Analytics	EN	Prof. Ihl	W-11	EC	СМ	6	Y	FFA	· ·	ILL		
Specia		Optional Cou							ı	,			
1	Angewandte Humanoide Robotik / Applied Humanoid Robotics	DE / EN	Göttsch	E-14	EC	СМ	6	Y	SA				
1	Machine Learning for Physical Systems / Machine Learning for Physical Systems	EN	Prof. Cyron	M-15	EC	СМ	6	Y	KL				
1	Medizinische Bildgebung / Medical Imaging	DE / EN	Prof. Knopp	E-5	EC	СМ	6	Y	KL				
2	Advanced Internet Computing / Advanced Internet Computing	EN	Prof. Schulte	E-19	EC	СМ	6	Y	FFA				
2	Angewandte Kryptographie / Applied Cryptography	EN	Prof. Fröschle	E-15	EC	СМ	6	Y	KL	N	ÜA	10	
2	Autonomous Cyber-Physical Systems / Autonomous Cyber- Physical Systems	EN	Prof. Renner	E-24	EC	СМ	6	Y	KL	N	TE	10	
2	Causal Data Science für Business Analytics / Causal Data Science for Business Analytics	EN	Prof. Ihl	W-11	EC	СМ	6	Y	FFA				
2	Data Science zur Cybersicherheit / Cybersecurity Data Science	EN	Prof. Scandariato	E-22	EC	СМ	6	Y	KL	N	FFST	5	
2	Data-Driven Innovation / Data-Driven Innovation	EN	Prof. Göldner	W-EXK2	EC	СМ	6	Y	KL	Y	ÜA	20	
2	Entwicklung von sicherer Software / Secure Software Engineering	EN	Prof. Scandariato	E-22	EC	СМ	6	Y	KL	N	FFST	5	
2	GPU Architectures and Programming / GPU Architectures and Programming	EN	Prof. Lal	E-EXK5	EC	СМ	6	Y	MP				
2	Informationstheorie und Codierung / Information Theory and Coding	EN	Prof. Bauch	E-8	EC	СМ	6	Y	KL				

	Module							Examinati	on	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 %)		
2	Maschinelles Lernen in der Elektro- und Informationstechnik / Machine Learning in Electrical Engineering and Information Technology	EN	Prof. Bauch	E-8	EC	СМ	6	Y	MP					
2	Numerik gewöhnlicher Differentialgleichungen / Numerical Methods for Ordinary Differential Equations	DE / EN	Prof. Ruprecht	E-10	EC	СМ	6	Y	KL					
2	Numerische Mathematik II / Numerical Mathematics II	DE / EN	Prof. Le Borne	E-10	EC	СМ	6	Υ	MP					
2	Randomisierte Algorithmen und Zufällige Graphen / Randomised Algorithms and Random Graphs	DE / EN	Prof. Taraz	E-10	EC	СМ	6	Y	MP					
2	Robotik und Navigation in der Medizin / Robotics and Navigation in Medicine	EN	Prof. Schlaefer	E-1	EC	СМ	6	Y	KL	Y	SA RE	10		
2	Software für Eingebettete Systeme / Software for Embedded Systems	DE / EN	Prof. Renner	E-24	EC	СМ	6	Y	KL	N	TE	10		
2	Softwaretesten / Software Testing	EN	Prof. Schupp	E-16	EC	СМ	6	Y	FFA					
2	Technischer Ergänzungskurs für DSMS (laut FSPO) / Technical Complementary Course for DSMS (according to Subject Specific Regulations)		Prof. Knopp	SD-E	EC	ОМ	6	according to Subject Specific Regulations						
2	Wahrscheinlichkeitstheorie / Probability Theory	EN	Prof. Schulte	E-10	EC	СМ	6	Υ	MP					
3	Bildverarbeitung / Image Processing	DE / EN	Prof. Knopp	E-5	EC	CM	6	Υ	KL					
3	Deep Learning für Social Analytics / Deep Learning for Social Analytics	EN	Prof. Ihl	W-11	EC	СМ	6	Y	FFA					
3	Digital Health / Digital Health	EN	Prof. Göldner	W-EXK2	EC	СМ	6	Y	KL	Υ	ÜA	20		
3	Digitale Nachrichtenübertragung / Digital Communications	DE / EN	Prof. Bauch	E-8	EC	СМ	6	Y	KL	Υ	SA	0		
3	Hierarchische Algorithmen / Hierarchical Algorithms	DE / EN	Prof. Le Borne	E-10	EC	СМ	6	Y	MP					
3	Intelligente Systeme in der Medizin / Intelligent Systems in Medicine	EN	Prof. Schlaefer	E-1	EC	СМ	6	Y	KL	Y	RE SA	10		
3	Lineare und Nichtlineare Optimierung / Linear and Nonlinear Optimization	DE / EN	Prof. Mnich	E-11	EC	СМ	6	Y	KL	N	ÜA	20		
3	Massiv parallele Systeme: Architektur und Programmierung / Massively Parallel Systems: Architecture and Programming	EN	Prof. Lal	E-EXK5	EC	СМ	6	Y	MP	Y	FFST	20		
3	Matrixalgorithmen / Matrix Algorithms	DE / EN	Dr. Zemke	E-10	EC	СМ	6	Y	MP					
3	Sicherheit von Cyber-physischen Systemen / Security of Cyber-Physical Systems	EN	Prof. Fröschle	E-15	EC	СМ	6	Y	KL	N	ÜA	10		
3	Softwareverifikation / Software Verification	EN	Prof. Schupp	E-16	EC	СМ	6	Y	KL	Y	ÜA	15		
Thesis	Compulsory Courses: 30 LP Optional Courses: 0 LP													
4	Masterarbeit / Master Thesis		Professoren der TUHH	0-TUHH	С	СМ	30	Υ	AB					

**Operational Aspekts in Aviation** 

Course	Examination							
Course Name (German / English)	Course Form	Language	SWS (7)	Sem.	CP (4)	Grade	Examination	Additional information
	LV(5)	(6)		LV			Form(3)	
Betrieb einer Luftverkehrsgesellschaft / Airline Operations	VL	DE	3	SoSe	3	Y	KL	
Flugführung I (Grundlagen) / Flight Guidance I (Introduction)	VL	DE	2	WiSe	2	Y	KL	
Flugführung I (Grundlagen) / Flight Guidance I (Introduction)	HÜ	DE	1	WiSe	1	Y	KL	
Flughafenbetrieb / Airport Operations	VL	DE	3	WiSe	3	Υ	KL	
Flughafenplanung / Airport Planning	VL	DE	2	WiSe	2	Y	KL	
Flughafenplanung / Airport Planning	GÜ	DE	1	WiSe	1	Y	KL	
Luftverkehr und Umwelt / Aviation and Environment	VL	DE	3	SoSe	3	Y	KL	

## Explanation:

LC=Compulsory, EC=Elective Compulsory

1 C=Compulsory Defined Module, OM=Optional Defined Module

2 CM=Compulsory Defined Module, OM=Optional Defined Module

3 KI=Wjitten exam, SA=Written elaboration, FFST=Subject theoretical and practical work, FFA=Subject theoretical and practical work, MP=Oral exam, RE=Presentation, STA=Study work, ÜA=Excercises, AB=Thesis, SA lt.

4 CP=Credit Points

5 VI=Lecture, SE=Seminar, GÜ=Recitation Section (small), PBL=Project-/problem-based Learning, PR=Practical Course, PS=Project Seminar, PK=Projection Course, HÜ=Recitation Section (large)

6 DE=German, EN=English, DE/EN=German and English

7 SWS=Contact hours