Catalog of mandatory elective modules for the further education Master program

Intercultural Leadership and Technology
at Clausthal University of Technology, Clausthal Executive School,
Regulatory statutes as of July 21, 2020
For winter semester 23/24 and summer semester 24

As of: 1 May 2023

On May 16, 2023, and in accordance with § 13 subpara. 1 GER in conjunction with the program-specific regulatory statutes, the Senate of Clausthal University of Technology passed the following catalogs of mandatory elective modules for the further education Master program Intercultural Leadership and Technology in the version of the regulatory statutes of July 21, 2020, for the winter semester 2023/2024 and the summer semester 2024.

Color code:
Newly electable modules or lectures
~~Cancelled modules or lectures~~ (these cannot be selected anymore)
Updates

Catalog of Mandatory Electives A "Intercultural Competence"
Catalog of mandatory electives as of May 16, 2023. The list of modules offered can be updated once a year by resolution of the Senate for the subsequent year of study. The updated lists will be published university-internally by the Study Center:
https://www.tu-clausthal.de/studieninteressierte/studiengaenge/weiterbildungsstudiengaenge/intercultural-leadership-and-technology

Title of the Module or Lecture	Responsible examiner	L No.	L.-Type	ECTS	Exam Form	Weigh-ting	Graded?	Exam Type	WS 23/24	SS 24
Module CE1: Leadership and Intercultural Competence in China				6		0				
Leadership in Chinese Companies	Mägerlein	S 5015	OL+PL	3	ThA	0	ungrad.	PR		X
Chinese Business Culture	Xu	S 5016	OL+PL	3						X
Module CE2: Leadership and Intercultural Competence in Russia				6		0				
Leadership in Russian Companies	Valiullin	S 5017	OL+PL	3	ThA	0	ungrad.	PR		X
Russian Business Culture	Valiullin	S 5018	OL+PL	3						X

Catalog of Mandatory Electives B "Technical Competence"

Catalog of mandatory electives as of May 16, 2023. The list of modules offered can be updated once a year by resolution of the Senate for the subsequent year of study. The updated lists will be published university-internally by the Study Center:
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Title of the Module or Lecture	Responsible examiner	L No.	L.-Type	ECTS	Exam Form	Weigh-ting	Graded	Exam Type	WS 23/24	SS 24
Module TE1: Cyber-Physical Systems and Cybersecurity				6		6/∑				
Cyber-Physical Systems	Möller	W/S 5006	OL+PL	3	ThA	1	grad.	MEx		
Cybersecurity in Digital Transformation	Möller	W/S 5007	OL+PL	3						
Module TE4: Primary and Sustainable Extraction of Resources				6		6/∑				
Primary Extraction of Resources	Langefeld	W/S 5008	OL+PL	3	ThA or PrA	1	grad.	MEx	X	X
Sustainable Mining	Langefeld	W/S 5009	OL+PL	3					X	X
Module TE3: Circular Economy and Recycling Technologies				6		6/∑				
Introduction, General Challenges and Framing Conditions for a Circular Economy and Recyclingsystems	Goldmann	W/S 5026	OL+PL	3	ThA	1	grad.	MEx	X	
Recycling Technologies for Waste Streams of High Resource Relevance or of Large Generated Amounts	Goldmann	W/S 5027	OL+PL	3						X
Module TE2: Industrial Internet of Things and Intelligent Manufacturing				6		6/∑				
Internet of Things and Industrial Internet of Things	Möller	W/S 5028	OL+PL	3	ThA	1	grad.	MEx		
Intelligent Manufacturing – Industry 4.0	Möller	W/S 5029	OL+PL	3						
Modul TE5: Wireless systems and networks				6		6/∑				
Wireless systems and networks	Neumann	W 5030	OL+PL	6	ThA	1	grad.	MEx		X
Modul TE6: Principles of Digital Communications				6		6/∑				
Principles of Digital Communications	Neumann	W 5031	OL+PL	6	ThA	1	grad.	MEx	X	

Explanatory Notes:

(1) Type of Lecture:	Exc	Excursion
	I	Internship
	S	Seminar
	T	Tutorial
	L	Lecture
	E	Exercise
	OL	Online lecture
	PL	Lecture on campus (present)
(2) Examination Form:	Ex	Examination
	OEx	Oral Examination
	SA	Seminar Assignment
	PrA	Practical Assignment
	ThA	Theoretical Assignment
	SP	Seminar Paper
	PA	Project Assignment
	IP	Industry Electives
	HA	Homework
	Exc	Excursions
	Ths	Theses
(3) Type of Examination:	PR	Performance Record
	MEx	Module Examination
	PMEx	Part-Module Examination
	P	Prerequisite
(4) Further Abbreviations:	grad.	Graded
	ungrad.	Ungraded
	L	Lecture
	Exam	Examination
	ECTS	Credit Points
	SH	Semester Hours