

Modules w.r.t. Student Exchange - Incomings - Winter Semester 2026/2027
Masters' Level

Module Name (English)	Modulname (Deutsch)	Module Code	Responsible Lecturer	ECTS	Erasmus	Language	selma number
Foreign Language B2 - German as a foreign language	Fremdsprache B2 - Deutsch als Fremdsprache	INF-25a-LN-B2-D	Ute Meyer	5	Bachelor, Master	GER	M1100-LB2D
Operating Systems	Betriebssysteme	INF-25-Ba-BS	Prof. Dr. Horst Schirmeier	5	Bachelor, Master	GER	M1106-BaBS
Fundamentals of Computer Engineering	Grundlagen der Technischen Informatik	INF-25-Ba-GTI	Prof. Dr. Jerónimo Castrillón-Mazo	5	Bachelor, Master	GER	M1102-BaGTI
Foundations of Human-Computer Interaction	Grundlagen der Mensch-Computer-Interaktion	INF-25-Ba-MCI	Prof. Dr. Gerhard Weber	5	Bachelor, Master	GER	M1108-BaMCI
Compiler Construction Lab	Compilerbau Lab	INF-25-Ba-P-CB	Prof. Dr. Jerónimo Castrillón-Mazo	6	Bachelor, Master	GER / ENG	M1102-BaPCB
Cyber-Physical Systems Modeling Mini Lab	Modellierung Cyber-Physischer Systeme Mini Lab	INF-25-Ba-P-CPSM	Prof. Dr. Christoph Sommer	6	Bachelor, Master	GER / ENG	M1108-BaPCPSM
Data Management Lab	Data Management Lab	INF-25-Ba-P-DM	Prof. Dr.-Ing. Wolfgang Lehner	6	Bachelor, Master	GER	M1106-BaPDM
Human-Computer Interaction Lab	Mensch-Computer-Interaktion Lab	INF-25-Ba-P-HCI	Prof. Dr. Gerhard Weber	6	Bachelor, Master	GER	M1108-PHCI
Interactive Multimedia Technologies Lab	Interaktive Multimediale Technologien Lab	INF-25-Ba-P-IMMT	Prof. Dr. Raimund Dachselt	6	Bachelor, Master	GER	M1104-BaPIMMT
Web and Multimedia Engineering	Web- und Multimedia-Engineering	INF-25-Ba-PMI-WME	Prof. Dr. Raimund Dachselt	6	Bachelor, Master	GER	M1104-PMIWME
Computer and Robot-Assisted Surgery Lab	Computer und robotergestützte Chirurgie Lab	INF-25-Ba-P-RC	Prof. Dr. Stefanie Speidel	6	Bachelor, Master	GER / ENG	M1100-PRC
Computer Security	Sicherheit	INF-25-Ba-Si	Prof. Dr. Florian Tschorsch	5	Bachelor, Master	GER	M1106-BaSi
Software Engineering - Internship	Softwaretechnologie-Projekt	INF-25-Ba-SWTP	Prof. Dr. Uwe Aßmann	6	Bachelor, Master	GER	M1104-BaSWTP
Database Systems: Design and Implementation	Database Systems: Design and Implementation	INF-25-Ba-W-DBDI	Prof. Dr.-Ing. Wolfgang Lehner	6	Bachelor, Master	GER	M1106-WDBDI
Introduction to digital signal processing	Digitale Signalverarbeitung	INF-25-Ba-W-DSP	Prof. Dr. Martin Wollschlaeger	6	Bachelor, Master	GER	M1108-WDSP
Foundations of Logic Programming	Grundlagen der Logikprogrammierung	INF-25-Ba-W-ELP	Prof. Dr. Sebastian Rudolph	6	Bachelor, Master	GER	M1107-WELP
Human Computer Interaction	Mensch-Computer-Interaktion	INF-25-Ba-W-HCI	Prof. Dr. Gerhard Weber	6	Bachelor, Master	GER	M1108-WHCI
Scientific Work	Wissenschaftliches Arbeiten	INF-25-Ba-WIA	Prof. Dr. Christoph Sommer	5	Bachelor, Master	GER	M1108-BaWIA
Information and Coding Theory	Informations- und Kodierungstheorie	INF-25-Ba-W-IKT	Dr. Elke Franz	6	Bachelor, Master	GER	M1106-WIKT
Foreign Language A1 Advanced Level - German as a foreign language	Fremdsprache A1 Fortgeschritten - Deutsch als Fremdsprache	INF-25-LN-A1-1D	Ute Meyer	5	Bachelor, Master	GER	M1100-LA1FD
Foreign Language A2 Advanced Level - German as a foreign language	Fremdsprache A2 Fortgeschritten - Deutsch als Fremdsprache	INF-25-LN-A2-1D	Ute Meyer	5	Bachelor, Master	GER	M1100-LA2FD
Foreign Language A2 - German as a foreign language	Fremdsprache A2 - Deutsch als Fremdsprache	INF-25-LN-A2-D	Ute Meyer	5	Bachelor, Master	GER	M1100-LA2D
Foreign Language B1 Advanced Level - German as a foreign language	Fremdsprache B1 Fortgeschritten - Deutsch als Fremdsprache	INF-25-LN-B1-1D	Ute Meyer	5	Bachelor, Master	GER	M1100-LB1FD
Foreign Language B1 - German as a foreign language	Fremdsprache B1 - Deutsch als Fremdsprache	INF-25-LN-B1-D	Ute Meyer	5	Bachelor, Master	GER	M1100-LB1D
Academic Competencies - B2 Advanced Level - German as a foreign language	Akademische Sprachkompetenzen - B2 Fortgeschritten - Deutsch als Fremdsprache	INF-25-LN-B2-1D	Ute Meyer	5	Bachelor, Master	GER	M1100-LB2FD

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Professional Language Competencies - B2 Advanced Level - German as a foreign language	Berufliche Sprachkompetenzen - B2 Fortgeschritten - Deutsch als Fremdsprache	INF-25-LN-B2B-D	Ute Meyer	5	Bachelor, Master	GER	M1100-LB2BD
Professional Language Competencies C1 - German as a foreign lan-guage	Berufliche Sprachkompetenzen C1 - Deutsch als Fremdsprache	INF-25-LN-C1B-D	Ute Meyer	5	Bachelor, Master	GER	M1100-LC1BD
Professional Language Competencies C1 - German as a foreign language	Akademische Sprachkompetenzen C1 - Deutsch als Fremdsprache	INF-25-LN-C1-D	Ute Meyer	5	Bachelor, Master	GER	M1100-LC1D
Industrial Internet of Things	Industrial Internet of Things	INF-25-Ma-FCP-IIoT	Prof. Dr. Martin Wollschlaeger	6	Bachelor, Master	GER / ENG	M1108-FCPIIoT
Audio Processing	Audio Processing	INF-25-Ma-FHI-APC	Prof. Dr. Matthew McGinity	6	Bachelor, Master	GER / ENG	M1104-FHIAPC
User Interface Engineering	User Interface Engineering	INF-25-Ma-FHI-UIE	Prof. Dr. Raimund Dachzelt	6	Bachelor, Master	ENG	M1104-FHIUIE
Experiments in Immersive Media	Experiments in Immersive Media	INF-25-Ma-FHI-XIM	Prof. Dr. Matthew McGinity	6	Bachelor, Master	GER / ENG	M1104-FHIXIM
Internet Measurements	Internet Measurements	INF-25-Ma-FSA-IM	Prof. Dr. Matthias Wählisch	6	Bachelor, Master	GER / ENG	M1106-FSAIM
IoT Communication	IoT Communication	INF-25-Ma-FSA-IoT	Prof. Dr. Matthias Wählisch	6	Bachelor, Master	GER / ENG	M1106-FSAIoT
Advanced Computer Networks	Advanced Computer Networks	INF-25-Ma-FSA-RNA	Prof. Dr. Matthias Wählisch	6	Bachelor, Master	GER / ENG	M1106-FSARNA
Service and Cloud Computing	Service and Cloud Computing	INF-25-Ma-FSA-SCC	Dr. Iris Braun	6	Bachelor, Master	GER	M1106-FSASCC
Security in applications	Sicherheit in Anwendungen	INF-25-Ma-FSC-ASec	Dr.-Ing. Stefan Köpsell	3	Bachelor, Master	GER	M1106-FSCASec
Compiler Construction	Compilerbau	INF-25-Ma-FSP-CB	Prof. Dr. Jerónimo Castrillón-Mazo	6	Bachelor, Master	ENG	M1102-FSPCB
Advanced Software Engineering	Advanced Software Engineering	INF-25-Ma-FSP-FSWT	Prof. Dr. Uwe Aßmann	6	Bachelor, Master	GER / ENG	M1104-FSPFSWT
Requirements and Test Management	Requirements and Test Management	INF-25-Ma-FSP-RETE	Prof. Dr. Uwe Aßmann	6	Bachelor, Master	GER / ENG	M1104-FSPRETE
Efficient Parallel Algorithms	Efficient Parallel Algorithms	INF-25-Ma-FTI-EPA	Prof. Dr. Wolfgang Nagel	6	Bachelor, Master	GER	M1102-FTIEPA
Hardware Modeling and Simulation	Hardware Modeling and Simulation	INF-25-Ma-FTI-HMS	Prof. Dr. Diana Göhringer	6	Bachelor, Master	ENG	M1102-FTIHMS
High Performance Computing	High Performance Computing	INF-25-Ma-FTI-HPC	Prof. Dr. Wolfgang Nagel	6	Bachelor, Master	GER / ENG	M1102-FTIHPC
Highly Parallel Programming of GPUs	Highly Parallel Programming of GPUs	INF-25-Ma-FTI-HPGPU	Prof. Dr. Wolfgang Nagel	6	Bachelor, Master	GER / ENG	M1102-FTIHPGPU
Performance Analysis of Computing Systems	Performance Analysis of Computing Systems	INF-25-Ma-FTI-PACS	Prof. Dr. Wolfgang Nagel	6	Bachelor, Master	ENG	M1102-FTIPACS
Knowledge Models	Knowledge Models	INF-25-Ma-FTK-KM	Prof. Dr. Markus Krötzsch	6	Bachelor, Master	ENG	M1101-FTKKM
Model Checking	Model Checking	INF-25-Ma-FTK-MC	Prof. Dr. Christel Baier	12	Bachelor, Master	GER / ENG	M1101-FTKMC
Computer- and Robot-Assisted Surgery	Computer- and Robot-Assisted Surgery	INF-25-Ma-FVC-CRC	Prof. Dr. Stefanie Speidel	6	Bachelor, Master	ENG	M1100-FVCCRC
Foundations of Computer Graphics	Foundations of Computer Graphics	INF-25-Ma-FVC-FCG	Prof. Dr. Stefan Gumhold	6	Bachelor, Master	ENG	M1104-FVCFCG
Foundations of Data Visualisation	Foundations of Data Visualisation	INF-25-Ma-FVC-FDV	Prof. Dr. Stefan Gumhold	6	Bachelor, Master	ENG	M1104-FVCFDV
Foundations of Virtual Reality	Foundations of Virtual Reality	INF-25-Ma-FVC-FVR	Prof. Dr. Matthew McGinity	6	Bachelor, Master	ENG	M1104-FVCFVR
Touch Sensing and Processing	Touch Sensing and Processing	INF-25-Ma-FVC-TSP	Prof. Dr. Roberto Calandra	6	Bachelor, Master	ENG	
Digital Circuit Technology	Digital Circuit Technology	CMS-AAI-DCT	Prof. Dr. Christian Georg Mayr	5	Master	ENG	M1100-AAIDCT
Engineering Finite Element Methods	Engineering Finite Element Methods	CMS-CE-FEM	Prof. Dr. Michael Beiteltschmidt	5	Master	ENG	M1100-CEFEM
Introduction to Biochemistry	Introduction to Biochemistry	CMS-CLS-IBC	Prof. Dr. Simon Alberti	5	Master	ENG	M1100-CLSIBC
Finite Element Methods	Finite Element Methods	CMS-CMA-FEM	Prof. Dr. Axel Voigt	5	Master	ENG	M1100-CMAFEM
Statistical Principles and Experimental Design	Statistical Principles and Experimental Design	CMS-COR-SED	Prof. Dr. Ingo Röder	5	Master	ENG	M1100-CORSED
Studium generale	Studium generale	INF-25-Ma-AQUA	Fakultät Informatik	5	Master	GER / ENG	M1100-MaAQUA
Foundations of Cyber Physical Systems	Foundations of Cyber Physical Systems	INF-25-Ma-FCP-CPS	Prof. Dr. Christoph Sommer	6	Master	GER / ENG	M1108-FCPCPS
Cyber Physical Systems Modeling Lab	Cyber Physical Systems Modeling Lab	CPSM.Lab1	Prof. Dr. Christoph Sommer	6	Master	ENG	M1102-FTIADS.Lab

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Cyber Physical Systems Modeling Lab Advanced	Cyber Physical Systems Modeling Lab Advanced	INF-25-Ma-FCP-CPSM.Lab2	Prof. Dr. Christoph Sommer	6	Master	GER / ENG	M1108-FCPCPSM.Lab2
Engineering and Management of Industrial Networks	Engineering and Management of Industrial Networks	INF-25-Ma-FCP-EMIN	Prof. Dr. Martin Wollschlaeger	6	Master	GER / ENG	M1108-FCPEMIN
Industrial Cyber Physical Systems Lab	Industrial Cyber Physical Systems Lab	INF-25-Ma-FCP-ICPS.Lab	Prof. Dr. Martin Wollschlaeger	6	Master	GER / ENG	M1108-FCPICPS.Lab
Decentralized Systems	Decentralized Systems	INF-25-Ma-FSA-Dec	Prof. Dr. Florian Tschorsch	6	Master	GER / ENG	M1106-FSADec
Distributed Systems	Distributed Systems	INF-25-Ma-FSA-DS	Dr. Thomas Springer	6	Master	ENG	M1106-FSADS
Microkernel-Based Operating Systems	Microkernel-Based Operating Systems	INF-25-Ma-FSA-MOS	Prof. Dr. Horst Schirmeier	9	Master	ENG	M1106-FSAMOS
Prediction and Estimation Techniques	Prediction and Estimation Techniques	INF-25-Ma-FSA-PET	Dr. Waltenegus Dargie	6	Master	ENG	M1106-FSAPET
Real-Time Systems	Real-Time Systems	INF-25-Ma-FSA-RTS	Dr.-Ing. Michael Roitzsch	3	Master	ENG	
Scalable Data Engineering	Scalable Data Engineering	INF-25-Ma-FSA-SDE	Prof. Dr.-Ing. Wolfgang Lehner	6	Master	ENG	M1106-FSASDE
Scalable Data Management	Scalable Data Management	INF-25-Ma-FSA-SDM	Prof. Dr. Dirk Habich	6	Master	ENG	M1106-FSASDM
Systems Engineering	Systems Engineering	INF-25-Ma-FSA-SE	Prof. Dr. Christof Fetzer	6	Master	ENG	M1106-FSASE
Software Fault Tolerance Lab	Software Fault Tolerance Lab	INF-25-Ma-FSC-SFT.Lab	Prof. Dr. Christof Fetzer	6	Master	ENG	M1106-FSCSFT.Lab
Design Patterns and Frameworks	Design Patterns and Frameworks	INF-25-Ma-FSP-DPF	Prof. Dr. Uwe Aßmann	6	Master	ENG	M1104-FSPDPF
Foundations of Certified Programming Language and Compiler Design	Foundations of Certified Programming Language and Compiler Design	INF-25-Ma-FSP-FCPL	Dr. Sebastian Ertel	6	Master	ENG	M1102-FSPFCPL
Model-Driven Software Development in Technical Spaces	Model-Driven Software Development in Technical Spaces	INF-25-Ma-FSP-MOST	Prof. Dr. Uwe Aßmann	6	Master	ENG	M1104-FSPMOST
Self-Adaptive Software and Cobotics	Self-Adaptive Software and Cobotics	INF-25-Ma-FSP-SESAC	Prof. Dr. Uwe Aßmann	6	Master	ENG	M1104-FSPSESAC
Adaptive Dynamic Systems Lab	Adaptive Dynamic Systems Lab	INF-25-Ma-FTI-ADS.Lab	Prof. Dr. Diana Göhringer	6	Master	ENG	
Introduction to Computer Engineering	Introduction to Computer Engineering	INF-25-Ma-FTI-ETI	Prof. Dr. Wolfgang Nagel	12	Master	GER / ENG	M1102-FTIETI
Advanced Problem Solving and Search	Advanced Problem Solving and Search	INF-25-Ma-FTK-APSS	Dr. Sarah Alice Gaggli	6	Master	ENG	M1107-FTKAPSS
Complexity Theory	Complexity Theory	INF-25-Ma-FTK-CT	Prof. Dr. Markus Krötzsch	9	Master	ENG	M1101-FTKCT
Large Language Models	Large Language Models	INF-25-Ma-FTK-LLM	Prof. Dr. Simon Razniewski	6	Master	ENG	
Computer Vision	Computer Vision	INF-25-Ma-FVC-CV	Prof. Dr. Björn Andres	6	Master	ENG	M1107-FVCCV
Machine Learning	Machine Learning	INF-25-Ma-FVC-ML	Prof. Dr. Björn Andres	6	Master	ENG	M1107-FVCML
Physics Based Graphics	Physics Based Graphics	INF-25-Ma-FVC-PBG	Prof. Dr. Stefan Gumhold	6	Master	ENG	