

Module Name (English)	Modulname (Deutsch)	Module Code	Responsible Lecturer	ECTS	Erasmus	Sprache	CN Nummer
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 Dachzelt	6	Bachelor, Master	GER	M1104-BaPIMMT
Web and Multimedia Engineering	Web- und Multimedia-Engineering	INF-25-Ba-PMI-WME	Prof. Dr. Raimund Dachzelt	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

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 language	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 Wählich	6	Bachelor, Master	GER / ENG	M1106-FSAIM
IoT Communication	IoT Communication	INF-25-Ma-FSA-IoT	Prof. Dr. Matthias Wählich	6	Bachelor, Master	GER / ENG	M1106-FSAIoT
Advanced Computer Networks	Advanced Computer Networks	INF-25-Ma-FSA-RNA	Prof. Dr. Matthias Wählich	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, DEU / EN	M1100-AAIDCT
Engineering Finite Element Methods	Engineering Finite Element Methods	CMS-CE-FEM	Prof. Dr. Michael Beiteltschmidt	5	Master	ENG, DEU / EN	M1100-CEFEM
Introduction to Biochemistry	Introduction to Biochemistry	CMS-CLS-IBC	Prof. Dr. Simon Alberti	5	Master	ENG, DEU / EN	M1100-CLSIBC
Finite Element Methods	Finite Element Methods	CMS-CMA-FEM	Prof. Dr. Axel Voigt	5	Master	ENG, DEU / EN	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

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

Cyber Physical Systems Modeling Lab	Cyber Physical Systems Modeling Lab	INF-25-Ma-FCP-CPSM.Lab	Prof. Dr. Christoph Sommer	6	Master	ENG, DEU / EN	M1102-FTIADS.Lab
Cyber Physical Systems Modeling Lab	Cyber Physical Systems Modeling Lab						
Advanced	Advanced	INF-25-Ma-FCP-CPSM.Lab	Prof. Dr. Christoph Sommer	6	Master	GER / ENG	M1108-FCPCPSM.Lab2
Engineering and Management of Industrial Networks	Engineering and Management of Industrial Networks						
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						
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						
Decentralized Systems	Decentralized Systems	INF-25-Ma-FSA-Dec	Prof. Dr. Florian Tschorsch	6	Master	GER / ENG	M1106-FSADec
Distributed Systems	Distributed Systems						
Distributed Systems	Distributed Systems	INF-25-Ma-FSA-DS	Dr. Thomas Springer	6	Master	ENG	M1106-FSADS
Engineering Adaptive Mobile Applications	Engineering Adaptive Mobile Applications						
Engineering Adaptive Mobile Applications	Engineering Adaptive Mobile Applications	INF-25-Ma-FSA-EAMA	Dr. Thomas Springer	6	Master	ENG	M1106-FSAEAMA
Microkernel-Based Operating Systems	Microkernel-Based Operating Systems						
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						
Prediction and Estimation Techniques	Prediction and Estimation Techniques	INF-25-Ma-FSA-PET	Dr. Walteneus Dargie	6	Master	ENG	M1106-FSAPET
Real-Time Systems	Real-Time Systems						
Real-Time Systems	Real-Time Systems	INF-25-Ma-FSA-RTS	Dr.-Ing. Michael Roitzsch	3	Master	ENG, DEU / EN	
Scalable Data Engineering	Scalable Data Engineering						
Scalable Data Engineering	Scalable Data Engineering	INF-25-Ma-FSA-SDE	Prof. Dr.-Ing. Wolfgang Lehner	6	Master	ENG, DEU / EN	M1106-FSASDE
Scalable Data Management	Scalable Data Management						
Scalable Data Management	Scalable Data Management	INF-25-Ma-FSA-SDM	Prof. Dr. Dirk Habich	6	Master	ENG	M1106-FSASDM
Systems Engineering	Systems Engineering						
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						
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						
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						
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						
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						
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						
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						
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						
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						
Complexity Theory	Complexity Theory	INF-25-Ma-FTK-CT	Prof. Dr. Markus Krötzsch	9	Master	ENG	M1101-FTKCT
Large Language Models	Large Language Models						
Large Language Models	Large Language Models	INF-25-Ma-FTK-LLM	Prof. Dr. Simon Razniewski	6	Master	ENG	
Computer Vision	Computer Vision						
Computer Vision	Computer Vision	INF-25-Ma-FVC-CV	Prof. Dr. Björn Andres	6	Master	ENG	M1107-FVCCV
Machine Learning	Machine Learning						
Machine Learning	Machine Learning	INF-25-Ma-FVC-ML	Prof. Dr. Björn Andres	6	Master	ENG	M1107-FVCMML
Physics Based Graphics	Physics Based Graphics						
Physics Based Graphics	Physics Based Graphics	INF-25-Ma-FVC-PBG	Prof. Dr. Stefan Gumhold	6	Master	ENG	