

Field	Module	Title	ECTS	Language
generic	04FB1001	Project work	10.00	DE EN
generic	04FB1002	Proseminar and soft skills	5.00	DE EN
generic	04FB1003	Bachelor Thesis	12.00	DE EN
generic	04FB1004	Bachelor Colloquium	3.00	DE EN
generic	04FB1101	Proseminar	3.00	DE EN
generic	04FB2002	Research paper	6.00	DE EN
generic	04FB2003	Research works with training in team and leadership	12.00	DE EN
generic	04FB2004	Master Thesis	27.00	DE EN
generic	04FB2005	Master Colloquium	3.00	DE EN
Computational Visualistics	04CV2012	Seminars in computer science and computational visualistics	8.00	DE EN
Computational Visualistics	04CV2101	Research Paper Computational Visualistics	6.00	DE EN
Computational Visualistics	04CV2005	Pattern Recognition	6.00	EN
Computer Science	04IN1003	Foundations of computer architectures	6.00	DE EN
Computer Science	04IN1023	Introduction to functional programming	6.00	DE EN
Computer Science	04IN1024	Programming Language Theory	6.00	DE EN
Computer Science	04IN2001	Non-classical logics	6.00	DE EN
Computer Science	04IN2002	Formal Specification and Verification	6.00	DE EN
Computer Science	04IN2006	Automobile Systems in Automation	6.00	DE EN
Computer Science	04IN2007	Real-Time Systems	6.00	DE EN
Computer Science	04IN2008	Empirical Software Engineering	6.00	DE EN
Computer Science	04IN2010	Seminars in computer science	8.00	DE EN
Computer Science	04IN2011	Seminar Work Computer Science	4.00	DE EN
Computer Science	04IN2019	Advanced Topics in Theoretical Computer Science	6.00	DE EN
Computer Science	04IN2033	Decision Procedures for Verification	6.00	DE EN
Computer Science	04IN2037	Software Language Engineering	6.00	DE EN
Computer Science	04IN2039	Seminar Web Science	4.00	DE EN
Computer Science	04IN2047	Process Mining	6.00	DE EN
Computer Science	04IN2101	Research Paper Computer Science	6.00	DE EN
Computer Science	04IN2116	Advanced Topics in Web-based and Data-intensive Software and its Security	6.00	DE EN
Computer Science	04IN1017	JavaEE Web Applications	6.00	EN
Computer Science	04IN1021	Web Retrieval	6.00	EN
Computer Science	04IN2012	Engineering Web and Data-intensive Systems	6.00	EN
Computer Science	04IN2023	Semantic Web	6.00	EN
Computer Science	04IN2026	Introduction to Web Science	8.00	EN
Computer Science	04IN2027	Network Theory and Dynamic Systems	6.00	EN
Computer Science	04IN2028	Machine Learning	6.00	EN
Computer Science	04IN2029	Artificial Intelligence 1	6.00	EN
Computer Science	04IN2035	Wireless Data Communication	6.00	EN
Computer Science	04IN2042	Computational Social Science	6.00	EN
Computer Science	04IN2043	Introduction to Data Science	6.00	EN
Computer Science	04IN2045	Mining Software Repositories	6.00	EN
Computer Science	04IN2048	Probabilistic functional programming	6.00	EN
Computer Science	04IN2102	Big Data	6.00	EN
Computer Science	04IN2104	Research Paper Web & Data Science	6.00	EN
Information Systems	04WI1015	Enterprise Information Management	6.00	EN
Information Systems	04WI2001	Information Design	6.00	EN
Information Systems	04WI2007	Research Methods	6.00	EN
Information Systems	04WI2010	E-Participation	6.00	EN
Information Systems	04WI2012	Public Governance and Open Government	6.00	EN

Information Systems	04WI2013	Enterprise Architecture	6.00	EN
Information Systems	04WI2016	Business Process Management	6.00	EN
Information Systems	04WI2018	Integrated Business Design	6.00	EN
Information Systems	04WI2021	Digital Communication	6.00	EN
Information Systems	04WI2022	Information, Technology and Society	6.00	EN
Information Systems	04WI2030	Smart Process Analytics	6.00	EN
Information Systems	04WI2102	Risk Management in Distributed Systems	6.00	EN
Management	04IM2007	Management for information management	9.00	DE EN
Management	04IM2016	Deepening Investment and Financing III	6.00	DE EN
Management	04IM2101	Research Paper Management	6.00	DE EN
Management	04IM2107	Management for IM	12.00	DE EN
Management	04IM1016	Entrepreneurship	6.00	EN
Management	04IM2006	Digital Consumer Behaviour	6.00	EN
Management	04IM2008	New Product Development	6.00	EN
Management	04IM2009	Entrepreneurial Design Thinking	6.00	EN
Management	04IM2018	Organizational Behavior and IT	6.00	EN
Management	04IM2109	Software Customization and Innovation	6.00	EN
Management	04IM2110	Digital Business Model Innovation	6.00	EN
Management	04IM2111	Software Development for Start-ups	6.00	EN
Management	04IM2112	Case-Based Technology and Innovation Management	6.00	EN
Management	04IM2113	Actual Trends in Entrepreneurship	6.00	EN
Information Systems	04WI1011	Computer Supported Cooperative Work	6.00	DE EN
Information Systems	04WI1101	Business Intelligence	6.00	DE EN
Information Systems	04WI2002	New Public Management	6.00	DE EN
Information Systems	04WI2011	Policy Analysis and Modelling	6.00	DE EN
Information Systems	04WI2014	Introduction to Electronic Government	6.00	DE EN
Information Systems	04WI2015	Applications of e-government	6.00	DE EN
Information Systems	04WI2017	Special Topics in Information Systems	6.00	DE EN
Information Systems	04WI2019	Business Software	6.00	DE EN
Information Systems	04WI2020	Business Collaboration	6.00	DE EN
Information Systems	04WI2025	Mobile Systems Security	6.00	DE EN
Information Systems	04WI2101	Research Paper Information Systems	6.00	DE EN
Information Systems	04WI2103	Security in computers networks and mobile systems	6.00	DE EN
Mathematics	03MA2501	Applied Differential Equations	9.00	EN
Mathematics	03MA2502	Optimization	9.00	EN
Mathematics	03MA2503	Numerics for Partial Differential Equations	9.00	EN
Mathematics	03MA2504	Optimization 2	9.00	EN