

Digital Competences (including AI Competences)

Semester: Winter Semester 2026/27

Competency Area	Module Code	Module (Title)	Credit	Max. Places	Frequency	Language	Faculty
Digital Competences (including AI Competences)	B.Inf.1101	Foundations of Computer Science and Programming	10	300	every semester	German, English	MATHE
Digital Competences (including AI Competences)	B.Mat.0732	Practical course in scientific computing: Basics	3		every semester	English	MATHE
Digital Competences (including AI Competences)	B.Mat.0743	Practical Course in Stochastics: Introduction	3		every summer semester	German	MATHE
Digital Competences (including AI Competences)	B.Mat.0921	Introduction to TeX/LaTeX and Practical Applications	3		every semester	German, English	MATHE
Digital Competences (including AI Competences)	B.Mat.0922	Mathematics information services and electronic publishing	3		every summer semester	English	MATHE
Digital Competences (including AI Competences)	B.Phy.5665	Processing of Signals and Measured Data	3	30	every summer semester	English, German	PHYS
Digital Competences (including AI Competences)	M.Phy-NF.7601	X-ray Tomography for Students of Medicine, Biology, Agriculture, Forestry	3	10	every fourth semester; summer semester	English	PHYS
Digital Competences (including AI Competences)	M.Phy.5610	X-ray Tomography for Students of Physics and Mathematics	3	15	every fourth semester; summer semester	English	PHYS
Digital Competences (including AI Competences)	M.WIWI-BWL.0153	Digital Marketing	6	60	irregular	English	WIWI
Digital Competences (including AI Competences)	SK.IKG-FIT.06	Future Skills for the Workplace of Tomorrow	4	15	irregular	German	PHIL
Digital Competences (including AI Competences)	SK.IKG-FIT.09	(Multilingual) Writing with AI: Translation Practices in Academic Contexts	4		irregular	German, English	PHIL
Digital Competences (including AI Competences)	SK.IKG-IIA.05	Teaching AI Competences for Foreign Language Acquisition Processes	5	15	irregular	German, English	PHIL
Digital Competences (including AI Competences)	SK.IKG-IKK.16	Intercultural Competence through Virtual Exchange	6	15	Irregular	English	PHIL
Digital Competences (including AI Competences)	SK.IKG-ISZ.58	Writing for Social Media	4	15	irregular	German	PHIL
Digital Competences (including AI Competences)	SK.IKG-ISZ.60	Reflective Social Media Practice: Internship	2	15	irregular	German, English	PHIL
Digital Competences (including AI Competences)	SK.IKG-ISZ.61	Reflective Social Media Practice: Community Management	3	20	irregular	German, English	PHIL
Digital Competences (including AI Competences)	SK.Inf.1803	Computer Science for Environmental Sustainability	5	40	every semester	English, German	MATHE
Digital Competences (including AI Competences)	SK.Inf.1806	Introduction into Web Development	6		irregular	German, English	MATHE
Digital Competences (including AI Competences)	SK.Inf.1821	Data Carpentry Ecology/Social Sciences	3	20		English	MATHE

Digital Competences (including AI Competences)	SK.IT.03-EN	Excel Basics	3	16		English	ZESS
Digital Competences (including AI Competences)	SK.IT.09-EN	Data Analysis and Statistics with Excel	3	16		English	ZESS
Digital Competences (including AI Competences)	SK.IT.22-EN	Using AI Tools in Academic Contexts	3	16	at irregular intervals	English	ZESS
Digital Competences (including AI Competences)	SK.IT.23-EN	Data Analysis and Visualisation with Origin	3	16	at irregular intervals	English	ZESS
Digital Competences (including AI Competences)	SQ.SoWi.60	Introduction to Data Literacy with Focus on Research Data	4	25	every winter semester	English	SOWI

Organisational Unit (Module Catalogue)	Weitere zu
Module: Math. - Computer Science (BA, 2FBA)	Digitale Kompeten zen (incl.
Module: Math. - Mathematics (BA / MA)	Digitale Kompeten zen (incl.
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Module: Math. - Mathematics (BA / MA)	Digitale Kompeten zen (incl.
Module: Math. - Mathematics (BA / MA)	Digitale Kompeten zen (incl.
Module: Phys. - Physics (BA+2FBA)	Digitale Kompeten zen (incl.
Module: Phys. - Physics (MA)	Digitale Kompeten zen (incl.
Module: Phys. - Physics (MA)	Digitale Kompeten zen (incl.
Module: WiWi - Master's programmes	Digitale Kompeten zen (incl.
Module: Phil. - Writing Lab & Intercultural Communication (IKG)	Digitale Kompeten zen (incl.
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Module: Math. - Computer Science (BA, 2FBA)	Digitale Kompeten zen (incl.
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Module: ZESS - IT	Digitale Kompeten zen (incl.
Module: ZESS - IT	Digitale Kompeten zen (incl.
Module: ZESS - IT	Digitale Kompeten zen (incl.
Module: ZESS - IT	Digitale Kompeten zen (incl.
Module: Social Sciences - Interdisciplinary Offerings in Social Sciences	Digitale Kompeten zen (incl.