

Electives SS2026

Master Artificial Intelligence and Data Science

The list applies to Electives 1–4. Electives with bachelor's level (marked with BSc.) can only be chosen for Electives 1 and 2 in the first semester.

In addition to the subject-specific compulsory elective modules, which are offered in English, students may choose individual an advanced language course A2 as elective 4, in the same language that you have your language course A1.

The list includes only electives offered at DIT. Students can also choose additional electives offered at USB.

Important: If German is specified as the language of instruction for an elective course, then the examination will also be conducted in German!

SPO	Modul-/Subject	ECTS	Language	Primary degree program	Semester
AIN-B WS24/25	Computational Logic (BSc.)	5	EN	Bachelor Artificial Intelligence	SS
	Computer Vision (BSc.)	5	EN		SS
	Natural Language Processing (BSc.)	5	EN		SS
	Human Factors and Human-Machine Interaction (BSc.)	5	EN		SS

HPC-M WS21/22	Software Engineering	5	ENGLISH	Master HPC/QC	SS
	HPC/QC Technology	5	ENGLISH		SS

AIX-M	Datacenter Network Programming	5	ENGLISH	Pool Faculty Applied Computer Science	SS
	Applications of Artificial Intelligence and Machine Learning for Wireless Networks	5	ENGLISH		SS
	ChatGPT et al.: Generative AI with Transformers	5	ENGLISH		SS

LSI-M SS21/22	Data Visualization	5	ENGLISH	Master Life Sciences Informatics	SS
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ET-M 20/21	Advanced Programming Techniques	5	ENGLISH	Master Electrical Engineering and Information Technology	SS
	Advanced Modelling and Simulation	5	ENGLISH		SS

ASE-M SS2025	Advanced Driver Assistance Systems	5	ENGLISH	Master Automotive Software Engineering	SS
	Digital Car / Innovation Management & Customer Design	5	ENGLISH		SS
	Advanced Language Course A2	5		Language Center	SS