

Electives SS2025

Master Artificial Intelligence and Data Science

The list applies to Electives 1–4. Electives from the bachelor's course Artificial Intelligence AIN-B WS24/25 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	Module/Subject	ECTS	Language	Primary degree program	Semester
AIN-B WS24/25	Computational Logic	5	ENGLISH	Bachelor Artificial Intelligence	SS
	Computer Vision	5	ENGLISH		SS
	Natural Language Processing	5	ENGLISH		SS
	Human Factors and Human-Machine Interaction	5	ENGLISH		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
	Quantum Chemistry	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
	Language Course A2	5		Language Center	SS