SUMMER SEMESTER 2026

Overview Compulsory Elective Modules [WPM] for the Master Degree Program MAI

will be offered in SoSe 2026	Lecture-Titel [German]	Lecture Title [english]	Unterrichtssprache Lecture Language [German / English]	lehrende[r] Professor[in] Dozent[in] / teaching personal	Modul-beschreibung / modul description	SWS	ECTS	Applied Research in Engineering Sciences [AR]	Educational Technology [EDU]	IT & Automation [IA]	Master Artificial Intelligence for Industrial Application [MAI]	Master Künstliche Intelligenz [MKI]	Master Medien-produktion & Medien-management [MP]	Anmerkungen
no	Ausgewählte Themen AR/VR	Selected Topics of Augmented & Virtual Reality	German	Prof. Gerald Pirkl	see also module manual IA / MKI	4	5	WPM		WPM	WPM	WPM		im WiSe 25/26 ausgesetzt
no	Ausgewählte Methoden der Künstlicher Intelligenz - Generative KI	Selected Topics of Artificial Intelligence	German / English	Prof. Tatyana Ivanovska / Prof. Dominikus Heckmann	see also module manual IA	4	5	WPM		WPM	WPM	WPM	WPM	max. 30 MAI'ler
yes	Eingebettete Intelligenz	Embedded Intelligence	German / English	Prof. Gerald Pirkl	see also module manual IA / AR / MAI / MKI	4	5	WPM		WPM	WPM	WPM		max TN festlegen!
yes	KI Sicherheit	AI Privacy & Security	English	Prof. Patrick Levi	see also module manual MAI / MKI	4	5				WPM	WPM		max TN festlegen!
no	Energy Management with AI Methods	Energy Management with AI Methods	English	Prof. Raphael Lechner	see also module manual IIE / attachement	4	5				WPM			max TN festlegen!
yes	Symbolic AI & Rule Based Agents	Symbolic AI & Rule Based Agents	English	Prof. Tatyana Ivanovska	see also module manual MAI	4	5				WPM			max. 30 MAI'ler
no	AI for Humanities	AI for Humanities	German / English	Prof. Dominikus Heckmann	see attachement	4	5			WPM	WPM	WPM		max. 42 TN inkl. MAI'ler
no	Applied Semantic Web	Applied Semantic Web	German / English	Prof. Dominikus Heckmann	see attachement	4	5			WPM	WPM	WPM		max. 42 TN inkl. MAI'ler
yes	Advanced Deep Learning	Advanced Deep Learning	German / English	Prof. Christian Bergler	see also module manual MKI	4	5				WPM	WPM		ohne TN-Begrezung
no	Deep Reinforcement Learing	Deep Reinforcement Learning	German	Prof. Thomas Nierhoff	see also module manual MKI	4	5		WPM		WPM			ohne TN-Begrezung

Explanatory Legend

SuSe / WiSe	to be offered in the semester
PM	Compulsory Module
PT	Project
BC	Bridge Module for MAI
WPM	Elective Module generally possible in this degree program
WPM	Elective Module offered in this degree program