Semeste	E LE er PT II	ARNING, 120 ECTS CREDITS					_			
Semeste FT PTI	er PT II		DISTANCE LEARNING, 120 ECTS CREDITS							
ster		Module	Course Code	Course	ECTS credits	Type of Exam				
~ ~	ter	Artificial Intelligence	DLMAIAI01	Artificial Intelligence	5	Exam	INT			
eme	1. Semes	Programming with Python	DLMDSPWP01	Programming with Python	5	Written Assignment	UN			
1. S		Advanced Mathematics	DLMDSAM01-01	Advanced Mathematics	5	Exam	AP			
ter	2. Semester	Advanced Statistics	DLMDSAS01	Advanced Statistics	5	Advanced Workbook				
emes		Machine Learning	DLMDSML01	Machine Learning	5	Exam	Inform Decide interns from e the int reflect modul compl- and co possib			
2.S		Project: Al Use Case	DLMAIPAIUC01	Project: Al Use Case	5	Portfolio				
	3. Semester	Advanced Research Methods	DLMARM01-01	Advanced Research Methods	5	Written Assignment				
ter		Deep Learning	DLMDSDL01	Deep Learning	5	Bitte wählen				
semes 3. Serr		Continual Learning with Neural Networks	DLMAICLNN01	Continual Learning with Neural Networks	5	Bitte wählen				
71		Seminar: Al and Society	DLMAISAIS01	Seminar: Al and Society	5	Research Essay				
ter	4 Semo	ELECTIVES A*		e.g. NLP and Computer Vision	10					
Semes	i. ester	ELECTIVES B*		e.g. Computer Vision for Autonomous Systems	10					
4.5	Sem	ELECTIVES C		Internship or modules to choose	5		* Electi to choc can onl FT: Full PT I: Pa			
ster	6. Semester	ELECTIVES C		Internship or modules to choose	5					
3.5 Semes		ELECTIVES C		Internship or modules to choose	5					
5.5	7.	ELECTIVES C		Internship or modules to choose	5					
6. 4	8	Master Thesis	MMTHE01 MMTHE02	Master Thesis Thesis Defense	27 3	Master Thesis Presentation:	PT II:			

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about electives C: beginning between an a company or modules C. You will complete ou decide on the electives C, all this area must be ixed forms of internship ory electives C are not

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o modules per elective n, each elective module osen once.

24 months e I, 36 months e II, 48 months

Electives A:

Electives A: Software Engineering for Data Intensive Sciences NLP and Computer Vision Reinforcement Learning Inference and Causality Explainable and Interpretable Machine Learning Models Seminar: Current Topics in AI Natural Language Processing Project: Prompt Engineering Vicie Asistants Image Processing and Low Level Vision Mid-Level Vision and Video Project: Generative Deep Learning Corporate Governance of IT, Compliance, and Law

Electives 8: Fraud Detection FinTechs Al in Production Project: industrial Internet of Things Introduction to Al in E-Commerce and Marketing Corporate Governance 01T, Compliance, and Law Al in Marketing and Analytics Personalization and Recommender Systems Demand Forecast and Inventory Control Artificial Intelligence in Procurement Concepts of Artificial Intelligence in Supply Chain Management Multi-Agent Systems Robo Advisory NLP In Education NLP for Accessibility Al in Hedical Imaging and Diagnostics Medical NLP Medical Robotics and Devices High-Level Vision Project: Computer Vision Industrial and Mobile Robotis Project: Collaborative Robotics Architectures of Self-Driving Vehicles Case Study: Localization, Motion Planning and Sensor Fusion Industrial Automomuse Systems Industrial Automomuse Systems Industrial Automomuse Vision Project: NLP and Computer Vision Project: ENLP and Computer Vision Project: Technical Project Planning Vehance: and Experieng Project: Technical Project Planning Vehance: Te Electives B:

Electives C:

Internship: Master AI, Machine Learning and Data Science or Start Up Lab Case Study: Model Engineering Use Case and Evaluation