	TANCE LEARNING, 120 ECTS credits Semester							▖▋▋▐
	PTI	-	Module	Course Code	Course	credit	Type of Exam	
	1. Semester	1. Semester	Artificial Intelligence	DLMAIAI01	Artificial Intelligence	5	Exam	INTERNATIONAL
			Advanced Mathematics	DLMDSAM01	Advanced Mathematics	5	Exam	UNIVERSITY OF
			Use Case and Evaluation	DLMDSUCE01	Use Case and Evaluation	5	Oral Assignment	APPLIED SCIENCE
	2. Semester	Semester	Seminar: Al and Society	DLMAISAIS01	Seminar: Al and Society	5	Research Essay	Ø
			Advanced Statistics	DLMDSAS01	Advanced Statistics	5	Advanced Workbook	You've already planned out exac how your course schedule shoul look? Wonderful! The IU International University of Applied Sciences offers you the flexibility to choose any module like from any semester. You can on a number of modules at the s time or one by one.
		2.5	Project: Al Use Case	DLMAIPAIUC01	Project: Al Use Case	5	Portfolio	
	3. Semester	ter	Programming with Python	DLMDSPWP01	Programming with Python	5	Written Assignment	
		Semester	Machine Learning	DLMDSML01	Machine Learning	5	Exam	
		3.0	Deep Learning	DLMDSDL01	Deep Learning	5	Oral Assignment	
		ester	NLP and Computer Vision	DLMAINLPCV01	NLP and Computer Vision	5	Oral Assignment	
		4. Seme	Inference and Causality	DLMAIIAC01	Inference and Causality	5	Advanced Workbook	
	Semester	ester	Reinforcement Learning	DLMAIRIL01	Reinforcement Learning	5	Written Assignment	Ø
	4.Sem	ster	Software Engineering for Data Intensive Sciences	DLMDSSEDIS01	Software Engineering for Data Intensive Sciences	5	Oral Assignment	
-			Seminar: Current Topics in Al	DLMAISCTAI01	Seminar: Current Topics in Al	5	Research Essay	FT: Full-Time, 24 months PT I: Part-Time I, 36 months PT II: Part-Time II, 48 months
	5. Semester	6. Seme:	ELECTIVE A*		e.g. Technical Project Lead	10		
		7.	ELECTIVE B*		e.g. Medical NLP and Medical Robotics	10		
	.9	8.	Master Thesis	MMTHE01 MMTHE02	Master Thesis Colloquium	27	Master Thesis Thesis Defense	

Possible Majors Artificial Intelligence in FinTech Artificial Intelligence in Automotive Artificial Intelligence in Supply Chain Management Artificial Intelligence in Healthcare Artificial Intelligence in Marketing and E-Commerce Artificial Intelligence in Production

Artificial Intelligence and NLP

Elective A

Artificial Intelligence and Computer Vision Foundational Computer Vision**

Elective A	Elective B
Artificial Intelligence in FinTech**	Robo Advisory and AI in FinTech**
Applied Autonomous Driving	Functional Security and Computer Vision for Autonomous Systems**
Artificial Intelligence in Supply Chain Management**	Al and its Application in Demand Forecast and $Procurement^{\star\star}$
Al in Healthcare and Medical Imaging**	Medical NLP and Medical Robotics**
Al in E-Commerce, Marketing and Demand Forecast**	Al for Analytics, Personalization and Recommender Systems **
Industrial AI**	Industrial Automation and Computer Vision for Autonomous System
Natural Language Processing and Voice Assistants**	NLP and Innovative Technologies in Education**
Foundational Computer Vision**	Cognitive Computer Vision**

All available Electives	Elective A	Elective B
	UI/UX Expert	Management
	Technical Project Lead	Sales, Pricing and Brand Management
	AI Specialist	Consumer Behaviour and Research
	Data Engineer	Corporate Finance
	Artificial Intelligence in FinTech**	Innovate and Change
	Applied Autonomous Driving**	Advanced Robotics 4.0
	Artificial Intelligence in Supply Chain Management**	Robo Advisory and AI in FinTech**
	AI in Healthcare and Medical Imaging**	Functional Security and Computer Vision for Autonomous Systems**
	AI in E-Commerce, Marketing and Demand Forecast**	AI and its Application in Demand Forecast and Procurement**
	Industrial AI**	Medical NLP and Medical Robotics**
	Natural Language Processing and Voice Assistants**	AI for Analytics, Personalization and Recommender Systems**

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() * Electives: Choose two modules, every elective module can only be chosen once.

**This new module is expected to be selectable as of 01.08.2023 You can choose your combination of Elective A and Elective B freely or you can follow one of our majors, e.g. Artificial Intelligence in FinTech by choosing Artificial Intelligence in FinTech in Elective A and Robo Advisory and AI in FinTech in Elective B.

You can find more information about your degree program in the module handbook on our website.