

**CURRICULUM M.SC. APPLIED ARTIFICIAL INTELLIGENCE IN AUTOMOTIVE
DISTANCE LEARNING, 60 ECTS**

Semester			Module	Course Code	Course	ECTS	Type of Exam
FT	PT I	PT II					
1. Semester	1. Semester	1. Semester	Machine Learning	DLMDSML01	Machine Learning	5	Exam
			Deep Learning	DLMDSL01	Deep Learning	5	Oral Assignment
			Reinforcement Learning	DLMAIRIL01	Reinforcement Learning	5	Written Assignment
	2. Semester	2. Semester	Inference and Causality	DLMAIAC01	Inference and Causality	5	Advanced Workbook
			Seminar: Current Topics in AI	DLMAISCTAI01	Seminar: Current Topics in AI	5	Research Essay
			Architectures of Self-Driving Vehicles	DLMDSEAAD01	Architectures of Self-Driving Vehicles	5	Exam
2. Semester	3. Semester	3. Semester	Case Study: Localization, Motion Planning and Sensor Fusion	DLMDSEAAD02	Case Study: Localization, Motion Planning and Sensor Fusion	5	Case Study
			Functional Security	DLMAIEFSCVAS01	Functional Security	5	Written Assignment
			Computer Vision for Autonomous Systems	DLMAIEFSCVAS02	Computer Vision for Autonomous Systems	5	Written Assignment
	4.	Master Thesis	DLMMTHES01 DLMMTHES02	Master Thesis Colloquium	13,5 1,5	Master Thesis Thesis Defence	
Total 60 ECTS							



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



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You've already planned out exactly how your course schedule should look? Wonderful! The IU International University of Applied Sciences offers you the flexibility to choose any available module you like from any semester. You can work on a number of modules at the same time or one by one.



FT: Full-Time, 12 months
PT I: Part-Time I, 18 months
PT II: Part-Time II, 24 months