CURRICULUM B.SC. APPLIED ARTIFICIAL INTELLIGENCE								
ONLIRE STUDIES, FULL-TIME (36 MONTHS)								
FT	PTI	PTII	Module	Course Code	Course	credits	Type of Exam	IU
ie ster	1. Semester	1. Semester	Artificial Intelligence	DLBDSEAIS01	Artificial Intelligence	5	Exam	INTERNATIONAL UNIVERSITY OF APPLIED SCIENCES
			Introduction to Academic Work	DLBCSIAW01	Introduction to Academic Work	5	Basic Workbook	
			Introduction to Programming with Python	DLBDSIPWP01	Introduction to Programming with Python	5	Exam	
1. Sen		2. Semester	Mathematics: Analysis	DLBDSMFC01	Mathematics: Analysis	5	Exam	Ø
			Collaborative Work	DLBCSCW01	Collaborative Work	5	Oral Assignment	You've already planned out exactly how your course schedule should look? Wonderfull The IU offers you flexibility to choose any module yo like from any semester. You can wo on a number of modules at the sam time or one by one.
			Statistics - Probability and Descriptive Statistics	DLBDSSPDS01-01	Statistics - Probability and Descriptive Statistics	5	Exam	
	2. Semester	3. Semester	Project: Object Oriented and Functional Programming with Python	DLBDSOOFPP01	Project: Object Oriented and Functional Programming with Python	5	Portfolio	
			Mathematics: Linear Algebra	DLBDSMFLA01	Mathematics: Linear Algebra	5	Exam	
2. Semester			Intercultural and Ethical Decision-Making	DLBCSIDM01	Intercultural and Ethical Decision-Making	5	Case Study	
	Sem ester	4. Semester	Statistics - Inferential Statistics	DLBDSSIS01	Statistics - Inferential Statistics	5	Exam	
			Cloud Computing	DLBDSCC01	Cloud Computing	5	Exam	At the beginning, choose modules particularly interest you or that you can use directly in your job. This motivates you and gives you succe right from the start.
			Project: Cloud Programming	DLBSEPCP01_E	Project: Cloud Programming	5	Portfolio	
nester	4. Semester 3. S	6. Semester 5. Semester	Machine Learning - Supervised Learning	DLBDSMLSL01	Machine Learning - Supervised Learning	5	Exam	
			Machine Learning - Unsupervised Learning and Feature Engineering	DLBDSMLUSL01	Machine Learning - Unsupervised Learning and Feature Engineering	5	Case Study	
			Neural Nets and Deep Learning	DLBDSNNDL01	Neural Nets and Deep Learning	5	Oral Assignment	
3. Sen			Introduction to Computer Vision	DLBAIPCV01	Introduction to Computer Vision	5	Exam	
			Project: Computer Vision	DLBAIPCV01	Project: Computer Vision	5	Project Report	
			Introduction to Reinforcement Learning	DLBAIIRL01	Introduction to Reinforcement Learning	5	Exam	Ø
	Semester	7. Semester	Introduction to NLP	DLBAIINLP01	Introduction to NLP	5	Exam	A module with two courses consist an introduction and a consolidation in order to successfully complete a module, you must successfully pass both the introduction and the consolidation of the module within the framework of a module examination.
			Project: NLP	DLBAIPNLP01	Project: NLP	5	Project Report	
nester			Introduction to Data Protection and IT Security	DLBCSIDPITS01	Introduction to Data Protection and IT Security	5	Exam	
4. Sen	. 2.5	8. Semester	Data Science Software Engineering	DLBDSDSSE01	Data Science Software Engineering	5	Exam	
			Project: From Model to Production Environment	DLBDSMTP01	Project: From Model to Production Environment	5	Oral Project Report	
			Seminar: Ethical Considerations in Data Science	DLBDSSECDS01	Seminar: Ethical Considerations in Data Science	5	Research Essay	
5. Semester	semester 6. Semeste	0. 9. Semester	User Experience	DLBMIUEX01_E	User Experience	5	Exam	
			UX-Project OR Project: Edge AI	DLBMIUEX02_E OR DLBAIPEAI01	UX-Project OR Project: Edge Al	5	Project Report	☑
			Introduction to Robotics	DLBROIR01-01_E	Introduction to Robotics	5	Exam	* Electives: Choose three modules every elective module can only be chosen once. FT: Full-Time, 36 months PT I: Part-Time I, 74 months PT II: Part-Time II.72 months
			Project: Agile Project Management	DLBCSAPM01	Project: Agile Project Management	5	Project Report	
			ELECTIVE A*		e.g. Augmented, Mixed and Virtual Reality	10		
ter	7.5	11.	ELECTIVE B*		e.g. Psychology of Human Computer Interaction	10		
6. Semes			ELECTIVE C*		e. g. Data Engineer	10		
	80	12.	Bachelor Thesis		Bachelor Thesis Thesis Defense	9 1	Bachelor Thesis Presentation: Colloquium	
18	Total 180 ECTS credits							

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Elective A:

Autonomous Driving Production Engineering, Automation and Robotics Data Engineer Digital Signal Processing and Sensor Technology Database Developer Business Intelligence Data Analyst Augmented, Mixed and Virtual Reality

Elective B: International Marketing and Branding Applied Sales Supply Chain Management IT Project and Architecture Management Psychology of Human Computer Interaction

Electric C: Autonomus Driving Production Engineering, Automation and Robotics Data Engineer Digital Signal Processing and Sensor Technology Database Developer Business Intelligence Data Analyst Augmented, Mixed and Virtual Reality International Markening and Branding Applied Sales Supply Chain Management If Project and Architecture Management Psycholog of Human Computer Interaction Foreign Language French Foreign Language French Foreign Language French Studium Generale I and II Studium Generale I and II Studium Generale I and II Aust Cloud Specialization Al Prompting Techniques and Process Innovation with Copilot

Elective C:

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

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