CURRICULUM B.SC. AI IN BUSINESS - PRODUCTION
DISTANCE LEARNING

Semester FT	PT I	PT II	Module	Course Code	Course	ECTS credits	Type of Exam
1. Semester	1. Semester	1. Semester	Business 101	DLBBAB01_E	Business 101	5	Exam or Written Assignment
			Artificial Intelligence	DLBDSEAIS01	Artificial Intelligence	5	Exam
			Introduction to NLP	DLBAIINLP01	Introduction to NLP	5	Exam
		2. Semester	Product Development in Industry 4.0	DLBINGPE01_E	Product Development in Industry 4.0	5	Exam
			Project: AI Excellence with Creative Prompting Techniques	DLBPKIEKPT01_E	Project: AI Excellence with Creative Prompting Techniques	5	Oral Project Report
			ELECTIVES D		Internship or modules to choose	5	
2. Semester	2. Semester	3. Semester	Introduction to Academic Work	DLBCSIAW01	Introduction to Academic Work	5	Basic Workbook
			Principles of Management	DLBBAPM01_E	Principles of Management	5	Case Study
			Advanced NLP: Generative AI in Business Applications	DLBAIBEANGAIBA01	Advanced NLP: Generative AI in Business Applications	5	Case Study
		4. Semester	Production Engineering Industry 4.0	DLBDSEAR01	Production Engineering Industry 4.0	5	Exam
			Project: AI Product Commercialisation	DLBAIBEPAIPC01	Project: AI Product Commercialisation	5	Project Report
			ELECTIVES D		Internship or modules to choose	5	
3. Semester	3. Semester	5. Semester	Deep Learning in Business Contexts: Predictive Analytics	DLBAIBEDLBCPA01	Deep Learning in Business Contexts: Predictive Analytics	5	Exam
			Ethics and Legal Aspects in AI	DLBAIBEELAAI01	Ethics and Legal Aspects in AI	5	Exam
			Advanced Data Analysis	DLBDSEDA01	Advanced Data Analysis	5	Exam
		6. Semester	Digital Future Industry	DLBLOISCM201_E	Digital Future Industry	5	Exam
			Project: NLP in Business Applications: Customer Service Automation and Sentiment Analysis	DLBAIBEPNBACSA01	Project: NLP in Business Applications: Customer Service Automation and Sentiment Analysis	5	Project Report
			ELECTIVES D		Internship or modules to choose	5	
4. Semester	4. Semester	7. Semester	Business Intelligence and Data Visualization	DLBAIBEBIDV01	Business Intelligence and Data Visualization	5	Written Assignment
			Change Management	DLBDBCM01_E	Change Management	5	Exam
			Augmented, Mixed and Virtual Reality	DLBMIAMVR01_E	Augmented, Mixed and Virtual Reality	5	Exam
	5. Semester	8. Semester	Digital Future Commerce	DLBLOGC201_E	Digital Future Commerce	5	Exam
			Project: AI Change Management	DLBAIBEPAICM01	Project: AI Change Management	5	Portfolio
			ELECTIVES D		Internship or modules to choose	5	
5. Semester	6. Semester	9. Semester	AI Talent Development	DLBAIBEAITD01	AI Talent Development	5	Written Assignment
			Process Automation	DLBAIBEPA01	Process Automation	5	Case Study
			Data Analytics and Big Data	DLBINGDABD01_E	Data Analytics and Big Data	5	Case Study
		10. Semester	Introduction to the Internet of Things	DLBINGEIT01_E	Introduction to the Internet of Things	5	Exam
			Project: Generative AI in an Enterprise Context	DLBFMPGKIU01_E	Project: Generative AI in an Enterprise Context	5	Portfolio
			ELECTIVES D		Internship or modules to choose	5	
6. Semester	7. Semester	11. Semester	Seminar: Ethical Innovation	DLBAIBESEI01	Seminar: Ethical Innovation	5	Research Essay
			Project: AI in Production	DLBAIBEPAIP01	Project: AI in Production	5	Project Report
			Project: Low-Code Development	DLBDBEPLCD01	Project: Low-Code Development	5	Oral Project Report
	8. Semester	12.	ELECTIVES D		Internship or modules to choose	5	
			Bachelor Thesis	DLBBT01 DLBBT02	Bachelor Thesis Thesis Defense	9 1	Bachelor Thesis Presentation: Colloquium
Total 180 ECTS credits							

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.

At the beginning, choose modules that particularly interest you or that you can use directly in your job. This motivates you and gives you success right from the start.

Information about electives D:
Decide at the beginning between an internship at a company or modules from electives D. You will complete the internship with a practical reflection. If you decide on the modules from electives D, all modules from this area must be completed. Mixed forms of internship and compulsory electives D are not possible.

Electives D:

Internship: Business & Management
or
Project: Digital Business Models
Project: Business Intelligence
Intercultural and Ethical Decision-Making
Digital Skills
Interaction and Communication in Organisations
Seminar: Current Topics in Digitalization