

Modulübersicht Bachelor Wirtschaftsinformatik HWZ

Sem.	Information Technology & Data Science	Business & Management	Methods & Skills	Proof of Employment & Certifications				
1.	Information Systems	Business Administration	Mathematics	Accounting & Law	Study Skills	Praxisnachweis Assessment	1. Studienjahr	
2.	Information Systems	Business Administration	Mathematics	Accounting & Law	Presentation Skills			
3.	Programming & Data Modelling Programming Tools OO Analysis Data Modelling	Quantitative Methods for Data Analytics Mathematics for Data Science Descriptive Data Analytics	Business Decisions Marketing & Sales Corporate Finance		Leadership	Praxisnachweis Hauptstudium Zertifizierung (Wahlpflicht) Projektmanagement Data Science Service Management	Zertifizierung (Pflicht) Englisch C1	2. Studienjahr
4.		Databases & Analytics Stochastics Databases Big Data & Data Warehousing	Organisational Management Process Management Project Management Agile Methods		Leadership			
5.	Software Engineering Software Engineering Processes Requirements Engineering	Business Intelligence Advanced Data Analytics Customer Intelligence Web Technology	Process Modelling & Supply Chain Management Process Modelling Supply Chain Management					
6.	Enterprise Systems Packaged Business Software Distributed & Mobile Systems IT Security & Risks	Digital Business & Machine Learning ML in Customer Intelligence Digital Business Modells	IT Controlling & Governance IT Controlling IT Compliance & Audit		Scientific Skills			3. Studienjahr
7.	IT Architecture IT Architecture Management System Integration	Minor (Wahlmodul)			Scientific Skills	Bachelor Thesis	4. Studienjahr	
8.	Digital Strategy IT Strategy IT Service Management		Business Applications Entrepreneurship Project Management Seminar					

Wahlmodul Bachelor Wirtschaftsinformatik HWZ

Sem.	Minor 1: Data Science & AI Applications			Minor 2: Digital Business Innovation			
7.	Analytics & Machine Learning Practice	Digital Business Project	Technology Management	Blockchain & Distributed Ledger Technology	Digital Business Transformation	Smart Business Applications	4. Studienjahr
8.	Big Data & AI Applications		Data Science Project	Digital Marketing & Sales		Digital Finance	