

# Bachelor Wirtschaftsinformatik HWZ

Modulübersicht 2021

<b>Semester 1</b>	Information Systems	Business Administration	Mathematics	Accounting & Law	Study Skills	Praxisnachweis Assessment		
<b>Semester 2</b>	Information Systems	Business Administration	Mathematics	Accounting & Law	Presentation Skills			
<b>Semester 3</b>	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 (Pflicht) Englisch C1	Zertifizierung (Wahl) Projektmanagement, Data Scientist, Service Management
<b>Semester 4</b>		Databases & Analytics Stochastics Databases Big Data & Data Warehousing	Organisational Management Process Management Project Management Agile Methods		Leadership			
<b>Semester 5</b>	Software Engineering Software Engineering Processes Requirements Engineering	Business Intelligence Advanced Data Analytics Customer Intelligence Web Technology	Process Modelling & SCM Process Modelling Supply Chain Management					
<b>Semester 6</b>	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			
<b>Semester 7</b>	IT Architecture IT Architecture Management System Integration	Data Science & Applications Analytics & ML Practice Digital Business Project Technology Management		Bachelor Thesis	Scientific Skills			
<b>Semester 8</b>	Digital Strategy IT Strategy IT Service Management	AI Applications Big Data & AI Applications Data Science Project	Business Applications Entrepreneurship Project Management Seminar					