

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