

Valid for 2024.FS

Module Name: Enterprise Information Systems	
Module Code	w.BA.XX.3EIS-GM-FLEX.XX
Module Description	Students familiarize themselves with the principles of business information technology in order to develop modern business solutions in digital transformation projects on an equal footing with IT. To this end, they acquire the theoretical tools, such as information and application systems, data management, IT infrastructure, communication systems and IT security, and apply these to current practical examples.
Program and Specialization	Business Administration - Specialization in General Management (Flex)
Legal Framework	Academic Regulations BSc dated 29.01.2009, for the degree programs in Business Administration, International Management, Business Information Technology, Business Law, Business Law and Applied Law, first adopted on 12.05.2009
Module Category	Module Type: Compulsory
	Program Phase: Main Study Period
ECTS	6
Organizational Unit	W Institut für Wirtschaftsinformatik
Module Coordinator	Marcel Sieber (sieb)
Deputy Module Coordinator	Tibor Dudas (duda)
Prerequisite Knowledge	-
Contribution to Program Learning Goals (Affected by Module)	<ul style="list-style-type: none"> § Professional Competence § Methodological Competence § Social Competence § Self-Competence
Contribution to Program Learning Objectives	<ul style="list-style-type: none"> Professional Competence <ul style="list-style-type: none"> § Knowing and Understanding Content of Theoretical and Practical Relevance § Apply, Analyze, and Synthesize Content of Theoretical and Practical Relevance § Evaluate Content of Theoretical and Practical Relevance Methodological Competence <ul style="list-style-type: none"> § Problem-Solving & Critical Thinking § Scientific Methodology § Work Methods, Techniques, and Procedures § Information Literacy § Creativity & Innovation Social Competence <ul style="list-style-type: none"> § Written Communication § Oral Communication § Teamwork & Conflict Management § Intercultural Insight & Ability to Change Perspective Self-Competence <ul style="list-style-type: none"> § Self-Management & Self-Reflection § Ethical & Social Responsibility § Learning & Change
Module Learning Objectives	<p>Students...</p> <ul style="list-style-type: none"> § weigh up the advantages and disadvantages of information and application systems to create competitive advantages § deal with organizational and business management problems and their causes and develop IT-supported solutions. § structure IT-supported solutions based on self-defined requirements, usage scenarios, functions, and the necessary data. § apply the main IT-technical terms and how they are linked in a business context and assess them on based on business opportunities and challenges. § reflect on concrete solutions for business issues in their own application context, which include organizational, management and IT components.
Module Content	<ul style="list-style-type: none"> § Information systems § Application systems § Requirements engineering § Data organization and data management § IT infrastructure § Networks § Communication systems § IT security
Links to other modules	The content of this module is linked to the following modules: w.BA.XX.2BWL-BO.XX

	w.BA.XX.2GMF.XX		
	w.BA.XX.2InE.XX		
	w.BA.XX.2Int-GM.XX		
	w.BA.XX.2Mark.XX		
	w.BA.XX.2OP.XX		
	w.BA.XX.2SPM.XX		
	w.BA.XX.2Strat.XX		
Methods of Instruction	§ Lecture § Interactive Instruction § Application Tasks § Case Studies § Exercises § Problem-Oriented Teaching § Project Work § Literature Review	Social Settings Used: Individual Work	
Digital Resources	§ Reader § Teaching Videos § Practice and Application Exercises (with Key) § Case Studies (with Key)		
Type of Instruction	Classroom Instruction	Guided Self-Study	Autonomous Self-Study
Large Class	-	-	
Small Class	24 h	24 h	
Group Instruction	-	-	
Practical Work	-	-	
Seminar	-	-	
Total	24 h	24 h	
Performance Assessment			
End-of-module exam	Form	Length (min.)	Weighting
Written exam	Specified documentation	60	80,00 %
Permitted Resources	No calculator	With dictionary	
Others			
	Assessment	Length (min.)	Weighting
PLN#B: Relational Database	Grade	-	6,67 %
PLN#A: Problem and Solution Idea	Grade	-	6,67 %
PLN#C: Mockup Model and Website/App	Grade	-	6,66 %
Classroom Attendance Requirement	Mandatory Attendance: None None		
Language of Instruction/Examination	German		
Compulsory Reading	§ Lecturer's teaching notes § Other texts and (multimedia) materials on Moodle		
Recommended Reading	§ Additional literature can be found in the script's list of references.		
Comments	<p>Performance Assessment: The final grade is calculated from the total points earned from the following performance assessments:</p> <ul style="list-style-type: none"> • End-of-module exam: maximum 60 points • PLN#A: maximum 5 points • PLN#B: maximum 5 points • PLN#C: maximum 5 points 		