

Valid for 2023.HS

Module Name: Business Model Innovation and Technology					
Module Code	w.MA.XX.BMIT-PiE.22HS				
Module Description	This module deals with the necessity for banks and financial institutes to transform or enhance their business models due to digitalization and other environmental, social, and economic factors. It consists of three parts, one dealing with business models, and two others dealing with major influential technologies for the future of finance: artificial intelligence and Blockchain technology.				
Program and Specialization	Banking and Finance (PiE)				
Legal Framework	Academic Regulations MSc in Banking and Finance dated 29.09.2011, Appendix to the Academic Regulations for the degree program in Banking and Finance, first adopted on 28.08.2012				
Module Category	Module Type: Compulsory				
ECTS	9				
Organizational Unit	W Institut für Wealth & Asset Management				
Module Coordinator	Bettina Eva Stumpp (stuv)				
Deputy Module Coordinator	Christoph Kley (kley)				
Prerequisite Knowledge	An understanding of the fundamentals of banking and finance (e.g., the steering of banks). Practical experience will be an advantage.				
Contribution to Program Learning Goals (Affected by Module)	§ Professional Competence § Methodological Competence § Social Competence § Self-Competence				
Contribution to Program Learning Objectives	Professional Competence § 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 § Problem-Solving & Critical Thinking § Scientific Methodology § Work Methods, Techniques, and Procedures § Information Literacy § Creativity & Innovation Social Competence § Written Communication § Oral Communication § Teamwork & Conflict Management § Intercultural Insight & Ability to Change Perspective Self-Competence § Self-Management & Self-Reflection § Ethical & Social Responsibility § Learning & Change				
Module Learning Objectives	Students... § will study and critically reflect on the literature as required. § will be able to apply several methods and be creative in finding practical solutions. § will be able to work in groups, solve conflicts, and be responsible for their work.				
Module Content	§ Different business model methods are applied to financial institutions § The potential and the limits of KI are experienced by working on small use cases § Blockchain applications are challenged and checked for every day use				
Links to other modules	-				
Methods of Instruction	<table border="0"> <tr> <td>§ Application Tasks</td> <td rowspan="3">Social Settings Used:</td> </tr> <tr> <td>§ Problem-Oriented Teaching</td> </tr> <tr> <td>§ Project Work</td> </tr> </table>	§ Application Tasks	Social Settings Used:	§ Problem-Oriented Teaching	§ Project Work
§ Application Tasks	Social Settings Used:				
§ Problem-Oriented Teaching					
§ Project Work					
Digital Resources	§ Reader § Teaching Videos § Teaching Materials § Case Studies (with Key)				

Type of Instruction	Classroom Instruction	Guided Self-Study	Autonomous Self-Study	
Lecture	-	-		
Excercise	-	-		
Project Work	-	-		
Seminar	-	-		
Total	0 h	0 h	270 h	
Performance Assessment				
End-of-module exam	Form	Length (min.)	Weighting	
-	-	-	-	
Permitted Resources	-			
Others				
	Assessment	Length (min.)	Weighting	
Talk/oral presentation	Grade	20	25,00 %	
Written Assignment	Grade	-	50,00 %	
Written Assignment	Grade	-	25,00 %	
Students are not allowed to revise and resubmit performance assessment tasks.				
Classroom Attendance Requirement	Mandatory Attendance: None It is strongly recommended that students attend the coaching sessions and bring along their working drafts.			
Language of Instruction/Examination	English			
Compulsory Reading	-			
Recommended Reading	Please see our Moodle course			
Comments	The weighting is as follows: KI (artificial intelligence): 25% of the grade, Business models banking: 50% of the grade, Blockchain applications: 25% of the grade.			