

Valid from 2025.HS

<b>Module description: Business Model Innovation and Technology</b>	
<b>Module Code</b>	w.MA.XX.BMIT-PiE.22HS
<b>ECTS Credits</b>	9
<b>Language of Instruction/Examination</b>	English
<b>Module Description</b>	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.
<b>Organizational Unit</b>	Institut für Wealth & Asset Management
<b>Module Coordinator</b>	Michaela Tanner
<b>Deputy Module Coordinator</b>	Christoph Kley
<b>Program and Specialization</b>	<ul style="list-style-type: none"> <li>Banking and Finance (PiE)</li> </ul>
<b>Legal Framework</b>	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
<b>Module Category</b>	<b>Module Type</b> Compulsory
<b>Prerequisite Knowledge</b>	An understanding of the fundamentals of banking and finance (e.g., the steering of banks). Practical experience would be a decisive advantage.
<b>Contribution to Program Learning Objectives (by the concerned Module)</b>	<ul style="list-style-type: none"> <li>Professional Competence</li> <li>Methodological Competence</li> <li>Social Competence</li> <li>Self-Competence</li> </ul>
<b>Contribution to Program Learning Objectives</b>	<p><b>Professional Competence</b></p> <ul style="list-style-type: none"> <li>Knowing and Understanding Content of Theoretical and Practical Relevance</li> <li>Apply, Analyze, and Synthesize Content of Theoretical and Practical Relevance</li> <li>Evaluate Content of Theoretical and Practical Relevance</li> </ul> <p><b>Methodological Competence</b></p> <ul style="list-style-type: none"> <li>Problem-Solving &amp; Critical Thinking</li> <li>Scientific Methodology</li> <li>Work Methods, Techniques, and Procedures</li> <li>Information Literacy</li> <li>Creativity &amp; Innovation</li> </ul> <p><b>Social Competence</b></p> <ul style="list-style-type: none"> <li>Written Communication</li> <li>Oral Communication</li> <li>Teamwork &amp; Conflict Management</li> <li>Intercultural Insight &amp; Ability to Change Perspective</li> </ul> <p><b>Self-Competence</b></p> <ul style="list-style-type: none"> <li>Self-Management &amp; Self-Reflection</li> <li>Ethical &amp; Social Responsibility</li> <li>Learning &amp; Change</li> </ul>
<b>Module Learning Objectives</b>	<p>Students...</p> <ul style="list-style-type: none"> <li>will study and critically reflect on the literature as required.</li> <li>will be able to apply several methods and be creative in finding practical solutions.</li> <li>will be able to work in groups, solve conflicts, and be responsible for their work.</li> </ul>

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Module Content	<ul style="list-style-type: none"><li>• Different business model methods are applied to financial institutions to find innovative solutions</li><li>• The potential and the limits of KI are experienced by working on small use cases</li><li>• Blockchain applications are challenged and checked for every day use</li></ul>																																						
Links to other modules	This module is linked to the following modules:																																						
Digital Learning Resources	<ul style="list-style-type: none"><li>• Reader</li><li>• Teaching Videos</li><li>• Teaching Materials</li><li>• Case Studies (with Key)</li></ul>																																						
Methods of Instruction	<ul style="list-style-type: none"><li>• Project Work</li><li>• Application Tasks</li><li>• Problem-Oriented Teaching</li></ul>		Social Settings Used: <ul style="list-style-type: none"><li>• Individual Work</li><li>• Group Work</li></ul>																																				
Type of Instruction	<table><tr><td></td><td>Classroom Instruction</td><td>Guided Self-Study</td><td colspan="2">Autonomous Self-Study</td></tr><tr><td>Lecture</td><td>-</td><td>-</td><td colspan="2"></td></tr><tr><td>Excercise</td><td>-</td><td>-</td><td colspan="2"></td></tr><tr><td>Project Work</td><td>-</td><td>-</td><td colspan="2"></td></tr><tr><td>Seminar</td><td>-</td><td>-</td><td colspan="2"></td></tr><tr><td>Total</td><td>0 h</td><td>0 h</td><td colspan="2">270 h</td></tr></table>					Classroom Instruction	Guided Self-Study	Autonomous Self-Study		Lecture	-	-			Excercise	-	-			Project Work	-	-			Seminar	-	-			Total	0 h	0 h	270 h						
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Classroom Attendance Requirement	None  It is strongly recommended that students attend the coaching sessions and bring along their working drafts.																																						
Compulsory Reading	<ul style="list-style-type: none"><li>• Literature list</li></ul>																																						
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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.																																						