

Valid from 2024.HS

<b>Module description: Developing Concepts and Applying Scientific Methods</b>	
<b>Module Code</b>	w.MA.XX.KWA.14HS
<b>ECTS Credits</b>	6
<b>Language of Instruction/Examination</b>	German
<b>Module Description</b>	Students acquire the theoretical foundations and the methodological tools for the design of research projects and for the evaluation of research results.
<b>Organizational Unit</b>	ABL Ltg.
<b>Module Coordinator</b>	Peter Münch
<b>Deputy Module Coordinator</b>	Manuel Grieder
<b>Program and Specialization</b>	<ul style="list-style-type: none"> <li>• Management and Law</li> </ul>
<b>Legal Framework</b>	Academic Regulations MSc in Management and Law dated 31.10.2013, Appendix to the Academic Regulations for the degree program in Management and Law, first adopted on 10.07.2014
<b>Module Category</b>	<b>Module Type</b> Compulsory
<b>Prerequisite Knowledge</b>	Knowledge of scientific work at Bachelor's level.
<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>	Students... <ul style="list-style-type: none"> <li>• are able to explain the basic principles of scientific theory and the different methodological approaches in the various scientific disciplines.</li> <li>• are able to analyze different research designs and different research methods in terms of their respective applications.</li> <li>• are able to assess the significance of scientific theories, models and findings critically.</li> <li>• are able to deal critically with the characteristics of scientific communication.</li> <li>• are able to utilize scientific-methodological knowledge and skills as a basis for the autonomous acquisition of scientific knowledge.</li> </ul>

## Module description: Developing Concepts and Applying Scientific Methods

<b>Module Content</b>	<ul style="list-style-type: none"> <li>• Development of fundamental knowledge of the theory of science</li> <li>• Acquisition of conceptual and research-methodical instruments for interdisciplinary research projects</li> <li>• Analysis of key works of scientific literature with regard to context, key statements, success factors, scientific foundation, and aspects open to criticism</li> </ul>																																	
<b>Links to other modules</b>	This module is linked to the following modules: <ul style="list-style-type: none"> <li>• w.MA.XX.PFP.14HS</li> </ul>																																	
<b>Digital Learning Resources</b>	<ul style="list-style-type: none"> <li>• Reader</li> <li>• Case Studies (with Key)</li> </ul>																																	
<b>Methods of Instruction</b>	<ul style="list-style-type: none"> <li>• Exercises</li> <li>• Lecture</li> <li>• Problem-Oriented Teaching</li> <li>• Interactive Instruction</li> <li>• Case Studies</li> <li>• Literature Review</li> <li>• Project Work</li> <li>• Explorative Learning</li> <li>• Discussion</li> <li>• Presentation</li> </ul>		Social Settings Used: <ul style="list-style-type: none"> <li>• Group Work</li> </ul>																															
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