

## Module description: Developing Concepts and Applying Scientific Methods

<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>	Abteilung Business Law
<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>

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Module Learning Objectives	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 Content	<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>																												
Links to other modules	This module is linked to the following modules: <ul style="list-style-type: none"><li>• w.MA.XX.PFP.14HS</li></ul>																												
Digital Learning Resources	<ul style="list-style-type: none"><li>• Reader</li><li>• Case Studies (with Key)</li></ul>																												
Methods of Instruction	<ul style="list-style-type: none"><li>• Problem-Oriented Teaching</li><li>• Lecture</li><li>• Explorative Learning</li><li>• Case Studies</li><li>• Literature Review</li><li>• Interactive Instruction</li><li>• Project Work</li><li>• Exercises</li><li>• Discussion</li><li>• Presentation</li></ul>		Social Settings Used: <ul style="list-style-type: none"><li>• Group Work</li></ul>																										
Type of Instruction	<table><tr><th></th><th>Classroom Instruction</th><th>Guided Self-Study</th><th>Autonomous Self-Study</th></tr><tr><td>Lecture</td><td>20 h</td><td>-</td><td></td></tr><tr><td>Excercise</td><td>20 h</td><td>-</td><td></td></tr><tr><td>Project Work</td><td>4 h</td><td>50 h</td><td></td></tr><tr><td>Seminar</td><td>12 h</td><td>-</td><td></td></tr><tr><td>Total</td><td>56 h</td><td>50 h</td><td>74 h</td></tr></table>					Classroom Instruction	Guided Self-Study	Autonomous Self-Study	Lecture	20 h	-		Excercise	20 h	-		Project Work	4 h	50 h		Seminar	12 h	-		Total	56 h	50 h	74 h	
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Classroom Attendance Requirement	Other  Presentations and block weeks																												
Compulsory Reading	<ul style="list-style-type: none"><li>• Reader</li></ul>																												
Recommended Reading	<ul style="list-style-type: none"><li>• Literaturliste</li></ul>																												
Comments	The module is conducted mainly in German; documents can be in German or English.																												