

2018.HS

Module Name: Research Skills	
Module Code	w.MA.XX.WABF-M9-PiE.18HS
Module Description	As part of the Master's degree program, students strive to make a noticeable improvement in their application-oriented research skills. These skills should enable graduates to classify scientific findings to make them useful in addressing practical questions, solve practical problems with scientifically recognized methods, and draw on proven systematic-analytical discipline in thinking and decision-making when faced with practical challenges. This module consists of three sections: 9.1 Theory of Science (Theory of science & data collection/surveys), 9.2 Research Methods I (Statistics and linear regression analysis with cross-sectional data), and 9.3 Research Methods II (Analysis of panel and time-series data).
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	Oliver Bachmann (bacl)
Deputy Module Coordinator	Jürg J. Hari (harg)
Prerequisite Knowledge	Application-enabled basic knowledge in mathematics and statistics (see notes on 9.2.) at Bachelor's level is a prerequisite as is knowledge and experience in the identification and processing of scientific literature and in writing a scientific paper.
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... § are able to explain epistemological basic positions and assess the extent to which statements in specialist literature meet accepted scientific standards. § are able to research and evaluate scientific publications on a relevant practical subject and use this to make a decision about the significance of the research findings. For this purpose, they acquire a broad overview of mainly empirical methods and standards. § are able to plan and implement in a practical way application-oriented research topics using appropriate methods. To do this, they use common resources. § are able, whenever necessary, to familiarize themselves with specialist methodologies and previously unused resources.
Module Content	§ Scientific theory and data collection/surveys § Statistics and linear regression analysis with cross-sectional data § Analysis of panel data and time-series data
Links to other modules	The content of this module is linked to the following module: w.MA.XX.PÜF-M10-PiE.16HS

Methods of Instruction	§ Lecture § Interactive Instruction § Application Tasks § Case Studies § Exercises § Problem-Oriented Teaching § Literature Review	Social Settings Used: Individual Work		
Digital Resources	§ Practice and Application Exercises (with Key) § Case Studies (with Key) § Multiple Choice Tests			
Type of Instruction	Classroom Instruction	Guided Self-Study	Autonomous Self-Study	
Lecture	108 h	-		
Excercise	-	70 h		
Project Work	-	-		
Seminar	-	-		
Total	108 h	70 h	92 h	
Performance Assessment				
End-of-module exam	Form	Length (min.)	Weighting	
Written exam	Open book	120	100,00%	
Permitted Resources	Free choice of calculator	With dictionary		
Students are not allowed to revise and resubmit performance assessment tasks.				
Others	Assessment	Length (min.)	Weighting	
-	-	-	-	
Classroom Attendance Requirement	-			
Language of Instruction/Examination	English			
Compulsory Reading	§ Newbold, P., Carlsen, W. & Thorne, B. (212). Statistics for Business and Economics (Global Edition). 8th edition. Prentice Hall. ISBN 978-0273767060. § Ang, S.H. (2014). Research Design for Business & Management. Prentice Hall. ISBN 978-1847870261.			
Recommended Reading	-			
Comments	-			