

2019.FS

Module Name: Practical Exercises in Research Methods	
Module Code	w.MA.XX.PÜF-M10-PiE.18HS
Module Description	Statistical exercises: Consolidation and extension of the methodological knowledge acquired in Module 9 through a) methodological analysis of published research and b) the replication of published empirical results. Case study: Students work in small groups on a research study of a predefined topic. The goal is to become familiar with academic research standards and to be thoroughly prepared for Modules 11 (research project) and 12 (Master's thesis). In addition, the empirical methods introduced in Module 9 are applied. Practical as well as methodological orientation are at the forefront of the case study. Ideally, the case study is a replication of published empirical research.
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	Christoph Kley (kley)
Deputy Module Coordinator	Tomasz Orpiszewski (orpi)
Prerequisite Knowledge	Students have a Bachelor's degree in Business Administration with a specialization in Banking & Finance. Students have knowledge of the empirical research methods worked on in Module 9 and have learned to use statistical software at a basic level.
Contribution to Program Learning Goals (Affected by Module)	<ul style="list-style-type: none"> § Professional Competence § Methodological Competence § Social Competence § Self-Competence
Contribution to Program Learning Objectives	Professional Competence <ul style="list-style-type: none"> § 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 <ul style="list-style-type: none"> § Problem-Solving & Critical Thinking § Scientific Methodology § Work Methods, Techniques, and Procedures § Information Literacy § Creativity & Innovation Social Competence <ul style="list-style-type: none"> § Written Communication § Oral Communication § Teamwork & Conflict Management § Intercultural Insight & Ability to Change Perspective Self-Competence <ul style="list-style-type: none"> § Self-Management & Self-Reflection § Ethical & Social Responsibility § Learning & Change
Module Learning Objectives	Students... <ul style="list-style-type: none"> § refresh, consolidate, and extend their knowledge of time series and cross-sectional regressions. § extend their knowledge of the use of statistical software. § interpret the content of statistical results. § apply their knowledge of time series and cross-sectional regressions and use software to complete specific tasks. § expand their knowledge about analytical categorical data (in particular, chi-square test, logit regression). § study research papers and understand the issues and findings discussed therein. § understand and question research findings in terms of their content and methodological foundation. § replicate with accuracy individual stages of published empirical research. § deepen and extend their knowledge of the techniques of scientific literature research and evaluation.

	§ apply appropriate methodologies and data related to predetermined problems when producing a subject-related paper.		
Module Content	§ Analyze empirical research as part of guided self-study § Study the guiding questions on published empirical research as part of guided self-study; classroom discussion § Produce a written empirical paper in small groups (preferably three students per group), supervised by different lecturers.		
Links to other modules	The content of this module is linked to the following modules: w.MA.XX.POFP-M11-PiE.18HS w.MA.XX.WABF-M9-PiE.18HS		
Methods of Instruction	§ Interactive Instruction § Application Tasks § Case Studies § Exercises § Problem-Oriented Teaching § Project Work § Explorative Learning § Literature Review	Social Settings Used: § Individual Work § Group Work	
Digital Resources	§ Reader § Practice and Application Exercises (with Key)		
Type of Instruction	Classroom Instruction	Guided Self-Study	Autonomous Self-Study
Lecture	16 h	-	
Excercise	-	84 h	
Project Work	-	100 h	
Seminar	4 h	-	
Total	20 h	184 h	
Performance Assessment			
End-of-module exam	Form	Length (min.)	Weighting
Written exam	Specified documentation	60	40,00%
Permitted Resources	Non-programmable calculator	With dictionary	
Others			
	Assessment	Length (min.)	Weighting
Talk/oral presentation	Grade	25	10,00%
Written Assignment	Grade	-	50,00%
Students are not allowed to revise and resubmit performance assessment tasks.			
Classroom Attendance Requirement	Attendance compulsory for the colloquium only.		
Language of Instruction/Examination	English		
Compulsory Reading	Study set (research paper, problem set will be provided)		
Recommended Reading	-		
Comments	Opportunity to participate in the Fintech Pioneers Program. Details to be announced at the start of the semester.		