Valid from 2025.HS

Module description: Investments

Module Code	w.MA.XX.IN-PiE.19HS
ECTS Credits	6
Language of Instruction/Examination	English
Module Description	The module covers advanced analyses of investment methods, processes, as well as equities and fixed income portfolios. Modern portfolio theory, ethics, and findings of behavioral finance are discussed.
Organizational Unit	Institut für Wealth & Asset Management
Module Coordinator	Tomasz Orpiszewski
Deputy Module Coordinator	Peter Schwendner
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
Prerequisite Knowledge	The following BSc in Banking & Finance modules: "Active Investment Management", "Quantitative Methodologies", "Statistics", and "Finance Tools"
Contribution to Program Learning Objectives (by the concerned 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

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Module Learning Objectives	Students... • are able to apply the findings of modern portfolio theory and implications from behavioral finance. • are able to discuss, apply, and evaluate methods, models, products, and processes to manage and analyze equity portfolios. • are able to discuss, apply, and evaluate methods, models, products, and processes to manage and analyze fixed income portfolios. • are able to follow ethical standards according to the CFA Body of Knowledge. • are able to use Bloomberg for analysis and research projects
Module Content	• Portfolio theory and behavioral finance, ethics
Links to other modules	This module is linked to the following modules: • w.MA.XX.SIN-PiE.19HS • w.MA.XX.OBFC-PiE.19HS • w.MA.XX.QIS-PiE.19HS • w.MA.XX.IREP-PiE.19HS
Digital Learning Resources	• Reader • Practice and Application Exercises (with Key) • Case Studies (with Key) • FinanceLab
Methods of Instruction	• Lecture • Explorative Learning • Case Studies • Problem-Oriented Teaching • Literature Review • Application Tasks • Interactive Instruction • Exercises Social Settings Used: • Group Work • Individual Work

Type of Instruction

	Classroom Instruction	Guided Self-Study	Autonomous Self-Study
Lecture	36 h	24 h	
Excercise	36 h	24 h	
Project Work	-	-	
Seminar	-	-	
Total	**72 h**	**48 h**	**60 h**

Performance Assessment

End-of-module exam	Form	Length (min.)	Weighting
Written exam	closed book	120	80.00
Permitted Resources	Spec. calculator acc. to leaflet "Utilities"	With dictionary	

Others	Assessment	Format	Length (min.)	Weighting
Bloomberg Market Concepts: Certificate issued by Bloomberg	Grade	Einzelarbeit	600	10.00
Written Assignment	Grade	Einzelarbeit	0	10.00

Classroom Attendance Requirement	Other
Compulsory Reading	

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Recommended Reading	• Tuckman, B. & Serrat, A. (2011). Fixed Income Securities: Tools for Today's Markets. Wiley. ISBN 978-0470891698. • Zhou, X. & Jain, S. (2014). Active Equity Management. ISBN 978-0692297773. • Kim, W., Kim, J. & Fabozzi, F. (2015). Robust Equity Portfolio Management: Formulations, Implementations, and Properties using MATLAB. Wiley. ISBN 978-1-118-79726-6. • Barberis, N. & Thaler, R. (2003). A survey of behavioral finance. In: Constantinides, G., Harris, M. & Stulz, R. (ed.): Handbook of the Economics of Finance, pp. 1052-1090. • Francis, J. & Kim, D. (2013). Modern Portfolio Theory. Wiley. ISBN 978-1-118-37052-0.
Comments	The exam language is English.