

Valid from 2025.HS

Module description: Finance and Asset Pricing	
Module Code	w.MA.XX.FAP-M2.17HS
ECTS Credits	3
Language of Instruction/Examination	German
Module Description	Students understand the significance of the market with regard to finance, as well as the main financial concepts. The concepts are applied in evaluating the key financial instruments (shares, securities, and derivatives such as futures and options). In addition, the module is devoted to the characteristics of the presented financial instrument.
Organizational Unit	Institut für Financial Management (IFI)
Module Coordinator	Beat Affolter
Deputy Module Coordinator	Mehdi Mostowfi
Program and Specialization	<ul style="list-style-type: none"> <li>Accounting and Controlling</li> </ul>
Legal Framework	Academic Regulations MSc in Accounting and Controlling dated 10.12.2015, Appendix to the Academic Regulations for the degree program in Accounting and Controlling, first adopted on 26.01.2016
Module Category	<b>Module Type</b> Compulsory
Prerequisite Knowledge	
Contribution to Program Learning Objectives (by the concerned Module)	<ul style="list-style-type: none"> <li>Professional Competence</li> <li>Methodological Competence</li> <li>Social Competence</li> <li>Self-Competence</li> </ul>
Contribution to Program Learning Objectives	<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>
Module Learning Objectives	<p>Students...</p> <ul style="list-style-type: none"> <li>understand the implications of efficient markets and related criticism.</li> <li>understand the connection between the risk and return of financial instruments at the portfolio level as well as its implications for an individual investment.</li> <li>know the main methods of share evaluation and are able to apply them.</li> <li>understand the connection between interest rates and bond prices and are able to calculate and evaluate the interest risk of bonds based on their duration.</li> <li>understand the key characteristics of the main derivatives, are able to evaluate them, and understand how they are applied.</li> <li>understand the basics of sustainable finance.</li> </ul>

## Module description: Finance and Asset Pricing

Module Content	<ul style="list-style-type: none"><li>• Market efficiency and market as basic concepts</li><li>• Portfolio theory and capital market models (CAPM and extensions)</li><li>• Share evaluation</li><li>• Bond evaluation</li><li>• Derivatives (options, futures, forwards, and swaps)</li><li>• Introduction to sustainable finance</li></ul>																																	
Links to other modules	This module is linked to the following modules:																																	
Digital Learning Resources	<ul style="list-style-type: none"><li>• Reader</li><li>• Practice and Application Exercises (with Key)</li><li>• Multiple Choice Tests</li><li>• Guided self-study using the e-learning platform</li></ul>																																	
Methods of Instruction	<ul style="list-style-type: none"><li>• Interactive Instruction</li><li>• Application Tasks</li><li>• Case Studies</li><li>• Lecture</li><li>• Exercises</li></ul>		Social Settings Used: <ul style="list-style-type: none"><li>• Group Work</li></ul>																															
Type of Instruction	<table><tr><td></td><td>Classroom Instruction</td><td>Guided Self-Study</td><td colspan="2">Autonomous Self-Study</td></tr><tr><td>Lecture</td><td>25 h</td><td>25 h</td><td colspan="2"></td></tr><tr><td>Excercise</td><td>10 h</td><td>-</td><td colspan="2"></td></tr><tr><td>Project Work</td><td>-</td><td>-</td><td colspan="2"></td></tr><tr><td>Seminar</td><td>-</td><td>-</td><td colspan="2"></td></tr><tr><td>Total</td><td>35 h</td><td>25 h</td><td colspan="2">30 h</td></tr></table>					Classroom Instruction	Guided Self-Study	Autonomous Self-Study		Lecture	25 h	25 h			Excercise	10 h	-			Project Work	-	-			Seminar	-	-			Total	35 h	25 h	30 h	
	Classroom Instruction	Guided Self-Study	Autonomous Self-Study																															
Lecture	25 h	25 h																																
Excercise	10 h	-																																
Project Work	-	-																																
Seminar	-	-																																
Total	35 h	25 h	30 h																															
Performance Assessment	<table><tr><td colspan="2">End-of-module exam</td><td>Form</td><td>Length (min.)</td><td>Weighting</td></tr><tr><td colspan="2">Written exam</td><td>Specified documentation</td><td>60</td><td>100.00</td></tr><tr><td colspan="2">Permitted Resources</td><td>Spec. calculator acc. to leaflet "Utilities"</td><td colspan="2">With dictionary</td></tr></table> <table><tr><td>Others</td><td>Assessment</td><td>Format</td><td>Length (min.)</td><td>Weighting</td></tr><tr><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></table>				End-of-module exam		Form	Length (min.)	Weighting	Written exam		Specified documentation	60	100.00	Permitted Resources		Spec. calculator acc. to leaflet "Utilities"	With dictionary		Others	Assessment	Format	Length (min.)	Weighting	-	-	-	-	-					
End-of-module exam		Form	Length (min.)	Weighting																														
Written exam		Specified documentation	60	100.00																														
Permitted Resources		Spec. calculator acc. to leaflet "Utilities"	With dictionary																															
Others	Assessment	Format	Length (min.)	Weighting																														
-	-	-	-	-																														
Classroom Attendance Requirement	None																																	
Compulsory Reading	<ul style="list-style-type: none"><li>• (2018). Corporate Finance - Grundlagen von Finanzierung und Investition. 7th edition. Zürich: Versus. ISBN 978-3-03909-290-1. 6th edition also possible without restrictions.</li></ul>																																	
Recommended Reading																																		
Comments																																		