

Recommended semester plan for Banking & Finance masters students (State: 22.01.2017)

BF 5	1. Semester (Fall term)					2. Semester (Spring term)					3. Semester (Fall term)					4. Semester (Spring term)					
	Module	Title	Type		ECTS	Module	Title	Type		ECTS	Module	Title	Type		ECTS	Module	Title	Type		ECTS	
Compulsory modules BF (30 ECTS)	MOEC021	Empirical Methods	L+E		6	MFOEC105	Advanced Financial Economics	L+E		6											
	MOEC0455	Advanced Corporate Finance I	L+E		6	MFOEC191	Quantitative Finance	L+E		6											
						MFOEC194	Advanced Banking	L+E		6											
					Total					Total					18						
Core elective modules overall (min. 18 ECTS) & elective modules (max. 12 ECTS)																					
																					Master-Thesis: 30 ECTS

Core elective modules from Advanced Banking, BF 2	1. Semester (Fall term)					2. Semester (Spring term)					3. Semester (Fall term)					4. Semester (Spring term)					
	Module	Title	Type		ECTS	Module	Title	Type		ECTS	Module	Title	Type		ECTS	Module	Title	Type		ECTS	
	MFOEC187	Environmental and financial sustainability	L	BF 2	3	MFOEC190	Crunchpoints in seriously large banking/payment-IT-projects	L	BF 2	3	MOEC0382	Bank Treasury Management	L	BF 2	3	MOEC0302	Current developments of the Swiss financial center	S	BF 2	DE	3
	MFOEC116	History of the Swiss Financial Center	L	BF 2	DE	3	MFOEC159	Economic Crimes & Corporate Resilience	L	BF 2	3	MOEC0265	Microfinance	L	BF 2	3	MOEC0418	Empirical Banking	L	BF 2	3
	MOEC0437	Introduction to Systemic Risk and Financial Networks	S	BF 2	3	MFOEC193	Theory of Financial Intermediation and Banking	S	BF 2	3	MOEC0345	Private Banking: Current Challenges in Wealth Management	BS	BF 2	DE	3					
											MOEC0465	Practice of Private Banking	BS	BF 2	DE	3					

Core elective modules from Advanced Corporate Finance, BF 3	1. Semester (Fall term)					2. Semester (Spring term)					3. Semester (Fall term)					4. Semester (Spring term)						
	Module	Title	Type		ECTS	Module	Title	Type		ECTS	Module	Title	Type		ECTS	Module	Title	Type		ECTS		
	MOEC0207	International Tax Planning	L	BF 3	3	MFOEC144	Advanced Corporate Finance II	L	BF 3	3	MFOEC180	CFA Investment Challenge	S	BF 3	6	MFOEC148	Advanced Valuation	S	BF 3		3	
	MOEC0118	Valuation	BS	BF 3	DE	3	MOEC0213	Advanced Financial Accounting	L+E	BF 3	6	MOEC0109	Interdisciplinary seminar mergers and acquisitions	BS	BF 3	DE	3	MOEC0203	ME2: Microeconomic Theory of the Firm	L+E	BF 3	6
							MOEC0442	Empirical Corporate Governance	L	BF 3	3	MFOEC153	Private Banking: The Takeovers, Restructuring and Corporate Governance	S	BF 3	3	MOEC0398	Multinational Corporate Finance	L	BF 3	3	
							MOEC0112	Seminar Taxation of Companies	S	BF 3	DE	3										

Core elective modules from Advanced Financial Economics, BF 4	1. Semester (Fall term)					2. Semester (Spring term)					3. Semester (Fall term)					4. Semester (Spring term)					
	Module	Title	Type		ECTS	Module	Title	Type		ECTS	Module	Title	Type		ECTS	Module	Title	Type		ECTS	
	MFOEC201	Economic Foundations for Finance	L+E	BF 4	6	MOEC0209	Behavioral Finance and Private Banking	L	BF 4	3	MOEC0498	Agent-Based Financial Economics	L+E	BF 4	3	MOEC0234	Market Microstructure	L	BF 4		3
	MFOEC192	Matlab for Portfolio Management	L	BF 4	3	MINF4523	Commodity Trading	L	BF 4	3	DOEC0779	Econometric Analyses of Demand	S	BF 4	3						
	MOEC0318	Public Debt Management	L	BF 4	3	MOEC0309	Real Estate Finance	L	BF 4	3	MOEC0515	Investor Psychology	S	BF 4	3						
											MOEC0376	Macro Finance	L	BF 4	3						
	MFOEC172	Portfolio Management Theory 1 -	S	BF 4	6	MFOEC195	Portfoliomangement Theory 2 -	S	BF 4	3	MFOEC188	Portfolio Management Implementation 1 -	S	BF 4	3	MFOEC182	Portfoliomangement Implementation 2 -	S	BF 4		3

Core elective modules from Quantitative Finance, BF 5	1. Semester (Fall term)					2. Semester (Spring term)					3. Semester (Fall term)					4. Semester (Spring term)					
	Module	Title	Type		ECTS	Module	Title	Type		ECTS	Module	Title	Type		ECTS	Module	Title	Type		ECTS	
	MOEC0303	Advanced Statistics	L+E	BF 5	6	MFOEC186	Advanced Probability Theory and Modern Statistical Inference	L	BF 5	6	MOEC0293	Advanced Portfolio Management Game	BS	BF 5	DE	3	MFOEC107	Asset Management: Advanced Investments	L+E	BF 5	3
	MOEC0281	Asset Allocation and Alternative Investments	L	BF 5	DE	3	MFOEC146	Asset Management: Applied Portfolio Theory	S	BF 5	3	MFOEC176	Counterparty Credit Risk Management	L	BF 5	3	MFOEC167	Computational Economics and Finance	L	BF 5	6
	MFOEC200	Financial Engineering	L+E	BF 5	6	MFOEC108	Continuous Time Quantitative Finance	L	BF 5	3	MFOEC199	Dynamic models of insurance	L	BF 5	3	MOEC0296	Applied Topics in Finance	BS	BF 5	DE	3
	MOEC0294	Fundamental Probability for Finance (I+II)	L	BF 5	6	MFOEC149	The Risk & Finance Lab	L	BF 5	3	MFOEC198	Introduction to systematic risk premia strategies traded at hedge funds	L+E	BF 5	3	MOEC0470	Introduction to Operations Research: Stochastic Models	L+E	BF 5		6
	MFOEC202	Mathematical and Computational Statistics with a View Towards Finance and Risk Management	L	BF 5	6	MOEC0028	Time Series Analysis	L+E		6	MFOEC197	Management of Strategic Corporate Transactions	L	BF 5	3	MFOEC175	Investments-Selected Quantitative Tools	L	BF 5		3
	MFOEC189	Modern Crime in Financial Markets	L	BF 5	3	MFOEC150	Topics of Applied Risk Management	L	BF 5	3	MFOEC177	Microeconomics of Insurance	V	BF 5	3	MFOEC178	Banking Products - Present and Future	L	BF 5		3
											MFOEC196	Taming the Data	L	BF 5	3	MFOEC163	Capital Adequacy and Risk Measures	L	BF 5		3
											MFOEC156	The Economy of Risk in Insurance	L	BF 5	3	MFOEC205	Microeconomics of Insurance II	L	BF 5		3

This table serves as an orientation to all masters students in the field of Banking & Finance and should help to plan the studies. It does not replace the regulations in Master of Arts in Business, Economics and Informatics. This overview shows - with no obligations - in which semester the modules are advised to be taken. More detailed information can be found in the course catalogue.

* * * * : These 4 modules can not be separated from each other and have to be booked in this exact order

Legend: BS = block seminar, S = seminar, L = lecture, E = exercise