

MScFinance								
Plan d'études 2018-2019								
	Language	Semester	Professeurs	Credits	Hours	Evaluation	Total ECTS	
MODULE 1 - 30 ECTS								
<i>Serie of 30 ECTS compulsory courses for all tracks</i>								
Corporate Finance	E	4.1	Théo Dimoupolos	6	4	E	30	
Datascience for Finance	E	4.1	Diane Perret	6	4	E		
Financial Accounting	E	4.1	Elizabeth Demers	6	4	E		
Investments	E	4.1	Amit Goyal	6	4	E		
Mathematics for Economics and Finance	E	4.1	Norman Schuerhoff	6	4	E		
MODULE 2 - 33 ECTS								
<i>Compulsory for all track</i>								
Derivatives	E	4.2	Roberto Steri	6	4	E	33	
Fixed Income and Credit Risk	E	4.2	Michael Rockinger	6	4	E		
Finance Ethics	E	5.1	Eelco Fiole	3	2	E		
Topics in Finance	E	5.1	Giuseppe Balocchi	3	2	E		
Electives (15 ECTS minimum)								
Asset Pricing/LT Portfolio Management	E	4.2	Johan Walden	6	4	?		
Droit bancaire	F	4.2	Carlo Lombardini	6	4	O		
Droit des marchés financiers	F	4.2	Alexandre Richa	3	2	O		
International Strategy	E	4.2	José Mata	6	4	P		
Real Estate Investments	E	4.2	Johan Walden	3	2	?		
Simulation Methods in Finance and Insurance	E	4.2	Jevgenijs Ivanovs	3	2	E		
Asset & Liability Management for Banks	E	5.1	Didier Michoud	3	2	E		
Optimization Methods in Management	E	5.1	Rodrigue Ouevray	6	4	E		
Unethical Decision Making - Basics	E	5.1	Palazzo/Hoffrage	3	2	P		
Unethical Decision Making - Advanced	E	5.1	Palazzo/Hoffrage	3	2	P		
Any compulsory courses in other tracks		4.2/5.1						
MODULE 3 Orientation Specific - 27 ECTS								
Asset and Risk Management compulsory courses								
Empirical Methods in Finance	E	4.2	Eric Jondeau	6	4	E	27	
Quantitative Asset and Risk Management	E	4.2	Eric Jondeau	6	4	E		
Alternative Investments	E	5.1	Amit Goyal	6	4	E		
Quantitative asset and risk management II	E	5.1	Fabio Alessandrini	6	4	P		
OR								
Corporate Finance compulsory courses								
Financial Analysis	E	4.2	Julien Froidevaux	6	4	E		
Valuation	E	4.2	Johan Walden	6	4	E		
Market Microstructure	E	5.1	Artem Neklyudov	3	2	E		
Banking	E	5.1	Dan Wunderli	3	2	E		
International Finance	E	5.1	TBD	3	2	?		
2 other courses (maximum) to be chosen below:								
CFA Challenge	E	5.1	Norman Schuerhoff	6	4	P		
Merger & Acquisitions / Corporate Structuring	E	5.1	Boris Nikolov	6	4	E		
Private Equity & Venture Capital	E	5.1	Théo Dimoupolos	6	4	E		
OR								
Financial Entrepren.& Data Science compulsory courses								
Advanced Data Analysis	E	4.2	Simon Scheidegger	6	4	E		
Programming	E	4.2	Simon Scheidegger	6	4	E		
Blockchain and Distributed Ledgers	E	5.1	Adrien Treccani	3	2	E		
Entrepreneurship & Strategy	E	5.1	Jeffrey Petty	6	4	P		
Private Equity & Venture Capital	E	5.1	Théo Dimoupolos	6	4	E		
Module 4 - 30 ECTS								
Orientation's Master Thesis	E/F	5.2	NA	30			30	

PROGRAMME'S STRUCTURE	ECTS
MODULE 1	30
<i>Serie of compulsory courses</i>	
MODULE 2	33
<i>Compulsory for all tracks 4.2-5.1- 18 ECTS</i>	

Elective 4.2-5.1 - 15 ECTS

33

MODULE 3

Compulsory - Orientation Specific 4 .2-5.1- 27 ECTS

27