

MScFinance

Plan d'études 2019-2020

	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	Aut-1st	Théo Dimoupolos	6	4	E	30	
Datascience for Finance	E	Aut-1st	Florian Ielpo	6	4	E		
Financial Accounting	E	Aut-1st	Leonidas Doukakis	6	4	E		
Investments	E	Aut-1st	Amit Goyal	6	4	E		
Mathematics for Economics and Finance	E	Aut-1st	Norman Schuerhoff	6	4	E		
MODULE 2 - 33 ECTS								
<i>Compulsory for all track</i>								
Derivatives	E	Spring-2nd	TBD	6	4	E	33	
Fixed Income and Credit Risk	E	Spring-2nd	Michael Rockinger	6	4	E		
Finance Ethics	E	Aut-3rd	Eelco Fiole	3	2	E		
Topics in Finance	E	Aut-3rd	Giuseppe Balocchi	3	2	E		
Electives (15 ECTS minimum)								
Asset Pricing/LT Portfolio Management	E	Spring-2nd	Johan Walden	6	4	?		
Droit bancaire	F	Spring-2nd	Carlo Lombardini	6	4	O		
Droit des marchés financiers	F	Spring-2nd	Alexandre Richa	3	2	O		
International Strategy	E	Spring-2nd	José Mata	6	4	P		
Real Estate Investments	E	Spring-2nd	Johan Walden	3	2	?		
Asset & Liability Management for Banks	E	Aut-3rd	Didier Michoud	3	2	E		
International Finance	E	Aut-3rd	Pierre Guillemin	6	4	?		
Market Microstructure	E	Aut-3rd	Fabrice Riva	3	2	E		
Optimization Methods in Management	E	Aut-3rd	Rodrigue Ouevray	6	4	E		
Unethical Decision Making - Basics	E	Aut-3rd	Palazzo/Hoffrage	3	2	P		
Unethical Decision Making - Advanced	E	Aut-3rd	Palazzo/Hoffrage	3	2	P		
Any compulsory courses in other tracks	Spring-2nd / Aut-3rd							
MODULE 3 Orientation Specific - 27 ECTS								
<i>Asset and Risk Management compulsory courses</i>								
Empirical Methods in Finance	E	Spring-2nd	Eric Jondeau	6	4	E	27	
Quantitative Asset and Risk Management	E	Spring-2nd	Eric Jondeau	6	4	E		
Alternative Investments	E	Aut-3rd	Thomas Cho	6	4	E		
Financial Institutions	E	Aut-3rd	Eelco Fiole	3	2	E		
Quantitative asset and risk management II	E	Aut-3rd	Fabio Alessandrini	6	4	P		
<i>Corporate Finance compulsory courses</i>								
Financial Analysis	E	Spring-2nd	Julien Froidevaux	6	4	E		
Valuation	E	Spring-2nd	Johan Walden	6	4	E		
Financial Institutions	E	Aut-3rd	Eelco Fiole	3	2	E		
2 other courses (maximum) to be chosen below:								
CFA Challenge	E	Aut-3rd	Norman Schuerhoff	6	4	P		
Merger & Acquisitions / Corporate Structuring	E	Aut-3rd	Boris Nikolov	6	4	E		
Private Equity & Venture Capital	E	Aut-3rd	Théo Dimoupolos	6	4	E		
<i>Financial Entrepren. & Data Science compulsory courses</i>								
Advanced Data Analysis	E	Spring-2nd	Simon Scheidegger	6	4	E		
Programming	E	Spring-2nd	Simon Scheidegger	6	4	E		
Blockchain and Distributed Ledgers	E	Aut-3rd	Thomas Schmelzer	3	2	E		
Entrepreneurship & Strategy	E	Aut-3rd	Tatyana Tsukanova	6	4	P		
Private Equity & Venture Capital	E	Aut-3rd	Théo Dimoupolos	6	4	E		
Module 4 - 30 ECTS								
Orientation's Master Thesis	E/F	Spring-4th	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>	
<i>Elective 4.2-5.1 - 15 ECTS</i>	
MODULE 3	27
<i>Compulsory - Orientation Specific 4 .2-5.1- 27 ECTS</i>	