

## MScFinance

Plan d'études 2019-2020

	Language	Semester	Professeurs	Credits	Hours	Evaluation	Total ECTS	
<b>MODULE 1 - 30 ECTS</b>								
<i>Serie of 30 ECTS compulsory courses for all tracks</i>								
<b>Corporate Finance</b>	E	Aut-1st	Théo Dimoupolos	6	4	E	<b>30</b>	
<b>Datascience for Finance</b>	E	Aut-1st	Florian Ielpo	6	4	E		
<b>Financial Accounting</b>	E	Aut-1st	Leonidas Doukakis	6	4	E		
<b>Investments</b>	E	Aut-1st	Amit Goyal	6	4	E		
<b>Mathematics for Economics and Finance</b>	E	Aut-1st	Norman Schuerhoff	6	4	E		
<b>MODULE 2 - 33 ECTS</b>								
<i>Compulsory for all track</i>								
<b>Derivatives</b>	E	Spring-2nd	Dimitris Karyampas	6	4	E	<b>33</b>	
<b>Fixed Income and Credit Risk</b>	E	Spring-2nd	Michael Rockinger	6	4	E		
<b>Finance Ethics</b>	E	Aut-3rd	Eelco Fiole	3	2	E		
<b>Topics in Finance</b>	E	Aut-3rd	Giuseppe Balocchi	3	2	E		
<b>Electives (15 ECTS minimum)</b>								
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	?		
International Finance	E	Aut-3rd	Ziwei Zhao	6	4	?		
Market Microstructure	E	Aut-3rd	Roxana Mihet	3	2	E		
Optimization Methods in Management	E	Aut-3rd	Rodrigue Oeuvray	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							
<b>MODULE 3 Orientation Specific - 27 ECTS</b>								
<b>Asset and Risk Management compulsory courses</b>								
Empirical Methods in Finance	E	Spring-2nd	Eric Jondeau	6	4	E	<b>27</b>	
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	Roxana Mihet	3	2	E		
Quantitative asset and risk management II	E	Aut-3rd	Fabio Alessandrini	6	4	P		
<b>Corporate Finance compulsory courses</b>								
Financial Analysis	E	Spring-2nd	Julien Froidevaux	6	4	E		
Valuation	E	Spring-2nd	Johan Walden	6	4	E		
Financial Institutions	E	Aut-3rd	Roxana Mihet	3	2	E		
<b>2 other courses (maximum) to be chosen below:</b>								
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		
<b>Financial Entrepren.&amp; Data Science compulsory courses</b>								
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		
<b>Module 4 - 30 ECTS</b>								
Orientation's Master Thesis	E/F	Spring-4th	NA	30			<b>30</b>	

PROGRAMME'S STRUCTURE	ECTS
<b>MODULE 1</b>	<b>30</b>
<i>Serie of compulsory courses</i>	
<b>MODULE 2</b>	<b>33</b>
<i>Compulsory for all tracks 4.2-5.1- 18 ECTS</i>	
Elective 4.2-5.1 - 15 ECTS	
<b>MODULE 3</b>	<b>27</b>
<i>Compulsory - Orientation Specific 4 .2-5.1- 27 ECTS</i>	