

## MScFinance

Plan d'études 2020-2021

subject to change

	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 Dimouopoulos	6	4	E	<b>30</b>	
<b>Datascience for Finance</b>	E	Aut-1st	Ziwei Zhao	6	4	E		
<b>Financial Accounting</b>	E	Aut-1st	Garian Markarian	6	4	E		
<b>Investments</b>	E	Aut-1st	Amit Goyal	6	4	E		
<b>Mathematics for Economics and Finance</b>	E	Aut-1st	Roxana Mihet	6	4	E		
<b>MODULE 2 - 33 ECTS</b>								
<i>Compulsory for all track</i>								
<b>Derivatives</b>	E	Spring-2nd	Lorenzo Bretscher	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 Balloccchi	3	2	E		
<i>Electives (15 ECTS minimum)</i>								
CFA Advanced Research Challenge (3) - 5.2 (2021)	E	Spring-2nd	Norman Schürhoff	3	2	?		
Asset Pricing/LT Portfolio Management	E	Spring-2nd	Lorenzo Bretscher	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 (1)	E	Spring-2nd	Vacat	3	2	?		
International Finance	E	Aut-3rd	Ziwei Zhao	6	4	E		
Market Microstructure	E	Aut-3rd	Roxana Mihet	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							
<b>MODULE 3 Orientation Specific - 27 ECTS</b>								
<i>Asset and Risk Management compulsory courses</i>								
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	4	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	Vacat	6	4	E		
Financial Institutions	E	Aut-3rd	Roxana Mihet	3	2	E		
<b>2 other courses (maximum) to be chosen below:</b>								
CFA General Research Challenge (2)	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.&amp; 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		
<b>Module 4 - 30 ECTS</b>								
Orientation's Master Thesis	E/F	Spring-4th	NA	30			<b>30</b>	

- (1) In 2021 this course will be staffed by someone external.  
 (2) The CFA General Research Challenge is also open to select other Universities  
 (3) The CFA Advanced Research Challenge is only for the best placed students. All students who sign up for the CFA General Research Challenge from UNIL should register for this course taking place in semester 5.2 (from January to April 2021)

<b>PROGRAMME'S STRUCTURE</b>	<b>ECTS</b>
<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>	
<i>Elective 4.2-5.1 - 15 ECTS</i>	
<b>MODULE 3</b>	<b>27</b>
<i>Compulsory - Orientation Specific 4 .2-5.1- 27 ECTS</i>	
<b>MODULE 4</b>	<b>30</b>
<i>Orientation's Master Thesis</i>	
<i>Academic or internship master's thesis taking place at the last semester</i>	
<i>Regarding internship, the duration is minimum 3 months, maximum 6 months, can be extended to 12 months</i>	
<b>Total ECTS</b>	<b>120</b>

Due to changes in the sanitary situation related to COVID-19, the study plans may be adapted during the semester as follows:

- Possibility to switch from one mode of teaching to another (face-to-face, distance, synchronous, asynchronous, switch to co-modal teaching where it was not initially planned).
- adaptation of evaluation modalities, without inducing derogations from the Study Regulations (oral - written, examination, validation, individual work, group work, practical work, theoretical work, face-to-face evaluation, online evaluation, etc.).
- alternative or time-shifted modalities for teachings, internships, practical work, fieldwork and camps that could not take place or teachings that could no longer take place in the form initially planned.

Students are invited to regularly consult the syllabi, timetables and their emails.