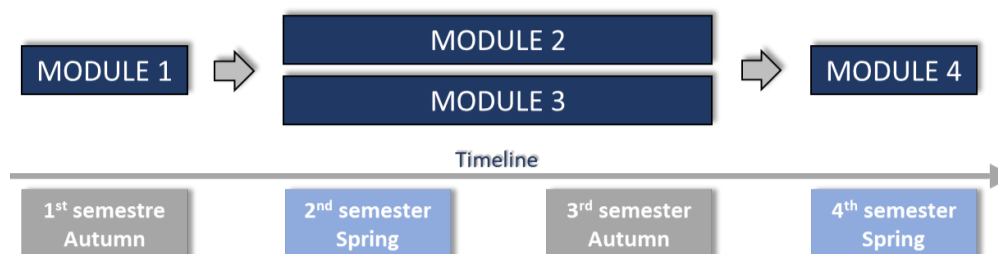


HEC Lausanne  
**MSc Finance**  
 Study Plan 2022-2023

**Structure of the Master**



This cursus has 120 credits

Courses	Professors	Semesters				ECTS	Lang	Eval
		1 <sup>st</sup> sem Autumn	2 <sup>nd</sup> sem Spring	3 <sup>rd</sup> sem Autumn	4 <sup>th</sup> sem Spring			
<b>MODULE 1: Average set (requires an average of 4.0 or above) of 30 credits compulsory</b>								
Corporate Finance	Dimoupoulos T.	●				6	E	W
Datascience for Finance	Zhao Z.	●				6	E	W
Financial Accounting	Markarian G.	●				6	E	W
Investments	Goyal A.	●				6	E	W
Mathematics for Economics and Finance	Mihet R.	●				6	E	W

<b>MODULE 2: 33 compulsory and optional credits</b>								
<b>COMPULSORY COURSES (18 credits)</b>								
Derivatives	Bretscher L.		●			6	E	W
Fixed Income and Credit Risk	Rockinger M.		●			6	E	W
Finance Ethics	Fiole E.			●		3	E	W
Topics in Finance	Balocchi G.			●		3	E	W
<b>OPTIONAL COURSES (15 credits minimum)</b>								
Asset Pricing	Bretscher L. / D. Karyampas		●			6	E	W
Droit bancaire	Lombardini C.		●			6	F	O
Droit des marchés financiers	Richa A.		●			3	F	O
International Strategy	Zanarone G.		●			6	E	?
Real Estate Investments	Celentano F.		●			3	E	W
International Finance	Zhao Z.			●		6	E	W
Market Microstructure	Mihet R.			●		3	E	W
Optimization Methods in Management	Oouvray R.			●		6	E	W
Unethical Decision Making - Basics	Légeret M.			●		3	E	P
<del>Unethical Decision Making - Advanced</del> (not in Fall22)	<del>Palazzo G. / Hoffrage U.</del>			●		3	E	P
Any compulsory courses in other tracks			●	●				
CFA Advanced Research Challenge <sup>2</sup>	Schürhoff N.				●	3	E	O

Courses	Professors	Semesters				ECTS	L	Eval
		1 <sup>st</sup> sem Autumn	2 <sup>nd</sup> sem Spring	3 <sup>rd</sup> sem Autumn	4 <sup>th</sup> sem Spring			
<b>MODULE 3: 27 compulsory credits within a specific orientation</b>								
<b>ASSET AND RISK MANAGEMENT</b>								
Empirical Methods in Finance	Jondeau E.		●			6	E	W
Quantitative Asset and Risk Management	Jondeau E.		●			6	E	P
Alternative Investments	Cho T.			●		6	E	W
Managing Risk in Financial Institutions	Weigert F.			●		3	E	W
Quantitative Asset and Risk Management II	Alessandrini F.			●		6	E	P
<b>CORPORATE FINANCE</b>								
Financial Analysis	Froidevaux J.		●			6	E	W
Valuation	Valta P.		●			6	E	W
Managing Risk in Financial Institutions	Weigert F.			●		3	E	W
<i>2 courses to be chosen from:</i>								
- CFA General Research Challenge <sup>2</sup>	Schuerhoff N.			●		6	E	P
- Merger & Acquisitions / Corporate Structuring	Grognez C.			●		6	E	W
- Private Equity & Venture Capital	Dimoupolos T.			●		6	E	W
<b>FINANCIAL ENTREPRENEURSHIP &amp; DATA SCIENCE</b>								
Advanced Data Analysis	Scheidegger S.		●			6	E	P
Advanced Programming	Scheidegger S.		●			6	E	P
Blockchain and Crypto Economy	Zaramba R.			●		3	E	W
Entrepreneurship & Strategy	Tsukanova T.			●		6	E	P
Private Equity & Venture Capital	Dimoupolos T.			●		6	E	W

<b>MODULE 4: 30 compulsory credits</b>								
Orientation's Master Thesis - academic or internship*	Choose your supervisor				●	30	E/F	O-W

\*Internship must be full time or at least 80%

**Legend:**

**ECTS:** Credits

**L:** Teaching language (F: French; E: English)

**Eval:** Type of evaluation (W: Written, O: Oral, P: Project)

**Useful information:**

1. Read the [Regulations](#) of this program
2. The "CFA General Research Challenge" (3rd semester) is a prerequisite for participating in the "CFA Advanced Research Challenge" competition, which takes place in the 4th semester (from January to April 2022).

Due to the health evolution linked to **COVID-19**, the study plans may undergo the following adaptations during the semester:

- possibility to switch from one teaching mode to another (face-to-face <-> distance learning, synchronous <-> asynchronous, switch to co-modal teaching where it was not foreseen at the beginning).
- adaptation of assessment without leading to derogations from the study regulations (oral <-> written, examination <-> validation, individual work <-> group work, practical work <-> theoretical work, in-person assessment <-> online assessment, etc.)
- alternative or shifted modalities for courses, internships, practical work, fieldwork and camps that could not take place or courses that could no longer take place in the form initially planned.

**Students are invited to consult regularly the study plans, syllabi and their Unil email.**