

HEC Lausanne
MSc Finance
 Study Plan 2021-2022

Courses	Professors	Semesters				ECTS	Lang	Ev
		1 Aut	2 Spri	3 Aut	4 Spri			
MODULE 1: Average set of 30 compulsory credits								
Click for course syllabus								
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	Drenovak M.					6	E	W

MODULE 2: 33 credits (18 compulsory credits + 15 elective credits)								
<i>COMPULSORY COURSES</i>								
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
<i>ELECTIVE COURSES (15 ECTS minimum)</i>								
CFA Advanced Research Challenge ³	Schürhoff N.					3	E	O
Asset Pricing	Bretscher L.					6	E	W
Droit bancaire	Lombardini C.					6	F	O
Droit des marchés financiers	Richa A.					3	F	O
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
Unethical Decision Making – Advanced (not in Fall22)	Palazzo G. / Hoffrage U.					3	E	P
Any compulsory courses in other tracks								

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MODULE 3: 27 compulsory credits within a specific orientation								
ASSET AND RISK MANAGEMENT								
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
CORPORATE FINANCE								
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 ⁴	Schuerhoff N.					6	E	P
- Merger & Acquisitions / Corporate Structuring	Grognez C.					6	E	W
- Private Equity & Venture Capital	Dimoupolos T.					6	E	W
FINANCIAL ENTREPRENEURSHIP & DATA SCIENCE								
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

MODULE 4: 30 compulsory credits								
Orientation's Master Thesis	Choose your supervisor					30	E/F	O-W

Legend:

Aut 1 : Autumn 1st semester; **Spri 2** : Spring 2nd semester

Aut 3 : Autumn 3rd semester ; **Spri 4** : Spring 4th semester

ECTS: Credits

Lang: Teaching language (F: French; E: English)

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

Useful information:

1. Read the [Regulations](#) of this program
2. This program has 120 credits.
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 2022).
4. The CFA General Research Challenge is also open to select other Universities.

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 email.