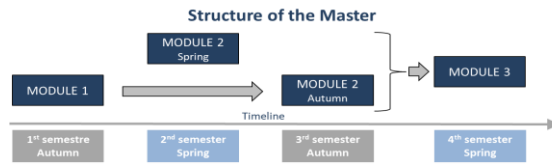


HEC Lausanne
MSc Economics
 120 credits ECTS
 Study Plan 2023-2024



Courses	Professors	Semesters				ECTS	Hours	Lang	Eval	Mentions										Spec.
		1 st sem Aut	2 nd sem Spri	3 rd sem Aut	4 th sem Spri					Data science	Development Economics	Environmental Economics	Macroeconomic Policy	Microeconomic Policy	Public Economics	Quantitative Economics	Behavior, Econo & Evolution			
MODULE 1: Average set (≥4.0) of compulsory courses - 30 credits ECTS																				
SUBMODULE 1.1: Foundation - 22.5 credits ECTS																				
Econometrics	Huber M.	●				7.5	4h+1	E	W 1.5h											
Macroeconomics	Tièche S. / Phillot M.	●				7.5	3h+2	E	W 3h											
Microeconomics	Feizi M.	●				7.5	4h+1	E	W 3h											
SUBMODULES 1.2: Choose A, B or C - 7.5 credits ECTS																				
A. Mathematics																				
Applied Mathematics	Strimbu O.	●				1.5	1h	E	W 2h											
Mathematics for Economics and Finance	Schürhoff N.	●				6	4h+1	E	W 3h											
B. Economic Policy																				
Economic Policy Seminar	Maurer J	●				6	4h	E	V											
Mathematics for Economic Policy	Strimbu O.	●				1.5	1h	E	W 2h											
C. Behavioral Economy & Evolution - Compulsory for BEE																				
Genes, Populations, and Evolution	Lehmann L.	●				6	4h	E	O											
Mathematics for Economic Policy	Strimbu O.	●				1.5	1h	E	W 2h											
MODULE 2: Optional courses for Mentions and the BEE Specialisation - 60 credits ECTS																				
Advanced Programming	Scheidegger S.		●			6	4h	E	V	CORE			CORE						CORE	
Advanced Data Analysis	Scheidegger S.		●			6	4h	E	V	SUPP									SUPP	
Advanced Topics in Industrial Organization (ATIO)	Hakimov R.					6	4h	E	V				SUPP		CORE				SUPP	
Behaviour, Economics and Evolution Lecture Series	Lehmann L./Santos Pinto L.		●			6	2h	E	V				SUPP						CORE	
Business Cycles	Siena D.		●			6	4h	E	W 2h	SUPP			CORE						CORE	
Economic Growth	Vlachos S.		●			6	4h	E	W 2h			CORE		CORE					SUPP	
Environmental Economics	Houde S.		●			6	4h	E	V	SUPP	CORE		CORE	CORE	SUPP				CORE	
Experimental Methods	Hakimov R.		●			6	4h	E	V	SUPP	SUPP		SUPP	CORE	SUPP				CORE	
Financial Institution & Regulation	Bruhlin A.		●			6	4h	E	W 2h				SUPP	CORE	SUPP					
Game Theory	Klaus B.		●			6	4h	E	V				SUPP	CORE	CORE				SUPP	
International Macroeconomics	Bacchetta P.		●			6	4h	E	W 2h				CORE	CORE					SUPP	
Macroeconometrics	Fourel V.		●			6	4h	E	W 1.5h	CORE			CORE						CORE	
Neuro Economie	Villa A.		●			6	4h	E	W										SUPP	
Political and Institutional Economics	Rohner D.		●			6	4h	E	W 2h		CORE	CORE	SUPP	SUPP	CORE					
Public Economics	Rubolino E.		●			6	4h	E	W 2h	SUPP	CORE	SUPP	CORE	CORE	CORE				SUPP	
The Evolution of Cooperation: from Genes to Learning and Culture	Lehmann L.		●			3	2h	E	O				SUPP						CORE	
Behavioral Economics	Santos Pinto L.			●		6	4h	E	V		SUPP			SUPP	SUPP				CORE	
Data Science and Machine Learning	Vlachos M.			●		6	4h	E	W 2h	CORE										
Development Economics	Nigmatulina D. / Ahmed R.			●		6	4h	E	V		CORE		SUPP	SUPP	CORE	SUPP				
Dynamic Macroeconomic Models	Eyquem A.			●		6	4h	E	V	SUPP			CORE						CORE	
Economic Analysis and Communication	Strimbu O.			●		6	4h	E	V	SUPP	SUPP	SUPP	SUPP	SUPP	SUPP				SUPP	
Economic Forecasting for Decision Making	Grobéty M.			●		6	4h	E	V	CORE			SUPP						SUPP	
Health Economics	Dusheiko M.			●		6	4h	E	W 2h		SUPP				SUPP	CORE				
Human Behavior and Evolutionary Inference	Efferson C.			●		6	4h	V											SUPP	
Leadership Development	Bendahan S.			●		3	2h	E	W 2h										SUPP	
Macroeconomics of Financial Crises	Benigno G.			●		6	4h	E	W 2h				CORE							
Macroeconomic Policy	Benhima K.			●		6	4h	E	V				CORE			SUPP				
Organizational Theory and Decision Making	Grieder M.			●		6	4h	E	W 2h										SUPP	
Regulatory Economics	Thoeni C.			●		3	2h	E	W 2h			SUPP				SUPP			SUPP	
Courses outside MScE program (See General information below)																				
Specialisation: Only for the Behavioral Econ & Evolution - School of Biologie (3 ECTS minimum required)																				
Co-evolution, Mutualism, Parasitism	FBM - Sanders I.		●			2	1h	E	O										SUPP	
Sex, Ageing, and Foraging Theory	FBM - Mullon Ch.		●			2	1h	E	O										SUPP	
Spatial Modelling of Species and Biodiversity	FBM - Guisan A.		●			4	2h	E	V										SUPP	
Animal Communication and Parasitism	FBM - Christe P./Roulin A.			●		1.5	1h	E	W 1h30										SUPP	
MODULE 3: Master thesis - 30 credits ECTS																				
Thesis (Research or Internship)	Choose your thesis director			●		30	E	E	W-O											

Thesis Information

1. Internships must be full time or at least 80% for a minimum of 12 weeks.
2. Only students having acquired 90 ECTS credits from Modules 1 and 2 are allowed to present their thesis.
3. [Research thesis guidelines here.](#)
4. [Internship thesis guidelines here.](#)

Legend:

ECTS: Credits

Hours: Number of hours per week

Lang: Teaching language (E: English)

Eval: Type of evaluation (W: Written exam; O: Oral exam; V: Validation(s) only)

CORE	Core course to obtain the mention or the specialisation
SUPP	Supplementary course to obtain the mention or the specialisation

General Information:

1. [Read the 2023-2024 Study Regulation.](#)

2. Courses are delivered face-to-face on campus

Mentions and the BEE specialisation consist of a set of core courses (CORE) and a set of supplementary courses (SUPP) in Module 2. To obtain a mention or the BEE specialisation, students must complete at least 30 credits ECTS from corresponding CORE and SUPP courses. **To obtain a mention or the BEE specialisation, students must complete at least 30 credits ECTS of which 18 ECTS come from the list of CORE courses and 12 ECTS from the list of SUPP courses. For those taking the BEE specialization, there is an additional requirement that at least 3 ECTS of SUPP courses are from courses offered by the School of Biology.** The BEE specialization will be on the diploma and the mentions on the diploma supplement.

4. Students taking FBM (Faculté de Biologie et de Médecine) courses, must register via biologie-etudiants@unil.ch. Details on courses can be found on moodle.unil.ch. **Please be careful of registration deadlines and limited attendance of some courses.**

5. Students can take 6 credits ECTS in courses of other Masters not covered by this study plan (see list below). This is subject to approval by the Director of this curriculum.

6. Students can take 6 credits ECTS in pre-approved courses at IHEID. Registration is via <https://www.graduateinstitute.ch/visiting-students>

7. The pandemic has shown us that circumstances beyond our control may require us to make adjustments to study plans during the semester.

Courses	Professors	Semesters				ECTS	Lang	Eval
		A1	S2	A3	S4			
Examples of courses requiring approval by the Director of the MScE								
Ecological Economics and Transition	Boisvert V./Moussu N.			●		6	E	W
International Finance	Zhao Z.			●		6	E	W
Mergers, Acquisitions and Corporate Restructurings	Nikolov B./Grognez C.			●		6	E	W
Probability and Stochastic Processes	Albrecher H.			●		6	E	W
Advanced Data Analysis	Scheidegger S.		●			6	E	V
Droit International Économique	Ziegler A.		●			6	E	W
Environmental Crisis and Societal Change	Palazzo G./Vejdovsky B.		●			3	E	V
Fixed Income and Credit Risk	Rockinger M.		●			6	E	W
International Commercial Arbitration	Bonomi A./Lein E.		●			6	E	O
Pre-approved courses (at the Graduate Institute - IHEID)								
Applied Environmental and Resource Economics	Swanson T./Imelda I.			●		6	E	V
Climate Change and Environmental Economics	Noailly J.			●		6	E	
Data and Text-Analysis Using Python	Noailly J.			●		6	E	
International Finance	Panizza U.			●		6	E	W
Competition Law and Economics	Neven D.		●			6	E	
Topics in Economic History	Sussman N./Esteves R.		●			6	E	