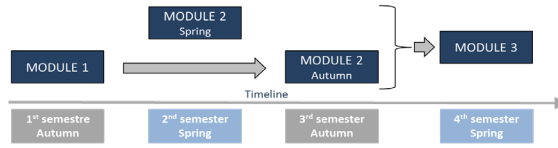


HEC Lausanne
MSc Economics
 120 credits ECTS
 Study Plan 2024-2025

Structure of the Master



Courses	Professors	Semesters				ECTS	Hours	Language	Types of evaluation	Exam duration	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																									
Foundations in Econometrics and Machine Learning	Lalive R.	●				7.5	4h+1	E	E	90															
Macroeconomics	St-Amour P. /Benigno G.	●				7.5	3h+2	E	VCN + E	120															
Microeconomics	Klaus B.	●				7.5	4h+1	E	VCN + E	180															
SUBMODULES 1.2: Choose A, B or C - 7.5 credits ECTS																									
A. Mathematics																									
Applied Mathematics	Strimbu O.	●				1.5	1h	E	E	90															
Mathematics for Economics and Finance	Mihet R.	●				6	4h+1	E	VCN + ENEP	180															
B. Economic Policy																									
Economic Policy Seminar	Maurer J.	●				6	4h	E	VCN	N/A															
Mathematics for Economic Policy	Strimbu O.	●				1.5	1h	E	VCN	N/A															
C. Behavioral Economy & Evolution - Compulsory for BEE																									
Genes, Populations, and Evolution	Lehmann L.	●				6	4h	E	O	15															
Mathematics for Economic Policy	Strimbu O.	●				1.5	1h	E	VCN	N/A															
MODULE 2: Optional courses for Mentions and the BEE Specialisation - 60 credits ECTS																									
Advanced Topics in Industrial Organization (ATIO)	Hakimov R.	●				6	4h	E	VCN	N/A			SUPP			CORE					SUPP				
Behaviour, Economics and Evolution Lecture Series	Lehmann L./Efferson C.	●				6	2h	E	VCN	N/A			SUPP									CORE			
Business Cycles	Siena D.	●				6	4h	E	E	120	SUPP				CORE							CORE			
Economic Growth	Sestito M.	●				6	4h	E	VCN + E	120			CORE		CORE							SUPP			
Environmental Economics	Houde S.	●				6	4h	E	VCN	N/A		SUPP	CORE			CORE	SUPP					CORE			
Experimental Methods	Hakimov R.	●				6	4h	E	VCN	N/A		SUPP	SUPP			SUPP					SUPP	SUPP			
Financial Institutions & Regulation	Bruhina A.	●				6	4h	E	VCN + E	120				SUPP	CORE		SUPP								
Game Theory	Strimbu O.	●				6	4h	E	VCN + E	180			SUPP			CORE					SUPP	SUPP			
International Macroeconomics	Bacchetta P.	●				6	4h	E	VCN + E	120						CORE						SUPP			
Macroeconometrics	Renne J.-P.	●				6	4h	E	VCN + ENEP	90	CORE					CORE						CORE			
Microeconometrics	Renne J.-P.	●				3	2h	E	VCN	N/A	SUPP	SUPP	SUPP			SUPP	SUPP				SUPP	SUPP			
Neuro Economic	Villa A.	●				6	4h	E	VCN	N/A													SUPP		
Political and Institutional Economics	Saia A.	●				6	4h	E	VCN + E	120			CORE	CORE	SUPP	SUPP	CORE								
Public Economics	Sorrenti G.	●				6	4h	E	VCN + E	120			SUPP	CORE	SUPP	CORE	CORE						SUPP		
Data Science and Advanced Programming (Aut25)	Scheidegger S.		●			6	4h	E	VCN	N/A	CORE												CORE		
Advanced Data Analysis (Aut25)	Scheidegger S.			●		6	4h	E	VCN	N/A	SUPP												SUPP		
Behavioral Economics	Santos Pinto L.		●			6	4h	E	VCN	N/A		SUPP				SUPP	SUPP						CORE		
Data Science and Machine Learning	Vlachos M.		●			6	4h	E	VCN + ENEP	120	CORE														
Development Economics	Nigmatulina D.		●			6	4h	E	VCN	N/A			CORE			SUPP	SUPP	CORE					SUPP		
Dynamic Macroeconomic Models	Eyquem A.		●			6	4h	E	VCN	N/A	SUPP					CORE							CORE		
Economic Analysis and Communication	Montez J.		●			6	4h	E	VCN	N/A	SUPP	SUPP	SUPP			SUPP	SUPP						SUPP		
Economic Forecasting for Decision Making	Grobéty M.		●			6	4h	E	VCN + E	60	CORE					SUPP							SUPP		
Health Economics	Maurer J. / Dusheiko M.		●			6	4h	E	VCN + E	120			SUPP			SUPP	CORE								
Human Behavior and Evolutionary Inference	Efferson C.		●			6	4h	E	VCN	N/A													SUPP		
International Trade	Brühlhart M. / Nigmatulina D.		●			6	4h	E	VCN + E	120						CORE	SUPP						SUPP		
Leadership Development	Bendahan S.		●			3	2h	E	VCN	N/A													SUPP		
Macroeconomics of Financial Crises	Benigno G.		●			6	4h	E	VCN + E	120						CORE									
Macroeconomic Policy	Benhima K.		●			6	4h	E	VCN	N/A						CORE							SUPP		
Organizational Theory and Decision Making	Grieder M.		●			6	4h	E	VCN + ENEP	120													SUPP		
Regulatory Economics	Thoeni C.		●			3	2h	E	VCN	N/A			SUPP										SUPP		
Courses outside MScE program (See General information below)																									
Specialisation: Only for the Behavioral Econ & Evolution - School of Biologie (4 ECTS minimum required)																									
Co-evolution, Mutualism, Parasitism	FBM - Sanders I.		●			2	1h	E	O	15													SUPP		
The Evolution of Cooperation and Decision-Making	Lehmann L.		●			2	1h	E	O	15			SUPP										CORE		
Spatial Modelling of Species and Biodiversity	FBM - Guisan A.		●			4	2h	E	VCN	N/A													SUPP		
Situating Humans in Time: From the Beginning of Life to the Anthropocene	FBM - Alvarez N.		●			2	1h	E	O	15													SUPP		
Animal Communication and Parasitism	FBM - Christe P./Roulin A.		●			2	1h	E	E	90													SUPP		
MODULE 3: Master thesis - 30 credits ECTS																									
Thesis (Research or Internship)	Choose your thesis director			●		30	E	E	M	N/A															

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

CORE Core course to obtain the mention or the specialisation

Hours: Number of hours per week

SUPP Supplementary course to obtain the mention or the specialisation

Language: Teaching language (E: English)

Type of Evaluation: E: Examen écrit; ENEP: Examen numérique en présentiel; O: Examen oral; VCN: Validation continue notée; M: Mémoire; VCN+E: Validation continue notée et examen écrit; VCN+O: Validation continue notée et examen oral; VCN+ENEP: Validation continue notée et examen numérique en présentiel

Exam duration: per minute (N/A: non applicable; TBD: to be determined)

General Information:

1. [Read the 2024-2025 Study Regulation.](#)

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

3. 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 specialisation, there is an additional requirement that at least 4 ECTS of SUPP courses are from courses offered by the School of Biology.** The BEE specialisation 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 the following adjustments to study plans during the academic year:

- 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.

Courses	Professors	Semesters				ECTS	Lang	Types of eval	Exam duration
		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	VCN + O	N/A
International Finance	Guillemin P.			●		6	E	VCN + E	90
Mergers, Acquisitions and Corporate Restructurings	Nikolov B.			●		6	E	VCN	N/A
Probability and Stochastic Processes	Albrecher H.			●		6	E	VCN + E	180
Droit International Économique	Ziegler A.		●			6	E	E	120
Environmental Crisis and Societal Change	Palazzo G./Vejdovsky B.		●			3	E	VCN	N/A
Fixed Income and Credit Risk	Rockinger M.		●			6	E	ENEP	240
International Commercial Arbitration	Bonomi A./Lein E.		●			6	E	O	15
Pre-approved courses (at the Graduate Institute - IHEID)									
Applied Environmental and Resource Economics	Swanson T./Imelda I.			●		6	E	TBD	TBD
Demystifying DSGE Models	Cuddy J.			●		6	E	TBD	TBD
Economic History	Sussman N.			●		6	E	TBD	TBD
Industrial Organisation	Neven D.			●		6	E	TBD	TBD
International Finance	Panizza U.			●		6	E	TBD	TBD
Topics in Econometrics	Mlikota M.			●		6	E	TBD	TBD