

# HEC Lausanne MSc Economics

Study Plan 2022-2023

## Structure of the Master



Courses	Professors	Semesters				ECTS	Hours	Ev	Mentions			
		1 <sup>st</sup> sem Aut	2 <sup>nd</sup> sem Spri	3 <sup>rd</sup> sem Aut	4 <sup>th</sup> sem Spri				MaP	MiP	QE	BE
<b>MODULE 1: Average set (requires an average of 4.0 or above) of 30 credits compulsory</b>												
<a href="#">Click for course syllabus</a>												
Econometrics	Huber M.	●				7,5	4h+1	E 2h				
Macroeconomics	St-Amour P.	●				7,5	3h+2	E 3h				
Microeconomics	Klaus B.	●				7,5	4h+1	E 3h				
<i>+ 1 option to be chosen from:</i>												
<b>OPTION A</b>												
- Applied Mathematics	Strimbu O.	●				1,5	1h	E 2h				
- Mathematics for Economics and Finance	Schürhoff N.	●				6	4h+1	E 3h				
<b>OPTION B</b>												
- Economic Policy Seminar	Maurer J	●				6	4h	A,C				
- Mathematics for Economic Policy	Strimbu O.	●				1,5	1h	E 2h				
<b>OPTION C</b>												
- Genes, Populations, and Evolution	Lehmann L.	●				6	4h	E oral				
- Mathematics for Economic Policy	Strimbu O.	●				1,5	1h	E 2h				

<b>MODULE 2: 60 ECTS elective</b>													
Courses	Professors	1 <sup>st</sup> sem Aut	2 <sup>nd</sup> sem Spri	3 <sup>rd</sup> sem Aut	4 <sup>th</sup> sem Spri	ECTS	Hours	Ev	MaP	MiP	QE	BE	
Advanced Programming	Scheidegger S.		●			6	4h	A,B,C			EL	EL	EL
Advanced Topics in Industrial Organization (ATIO)	Hakimov R., Strimbu O.		●			6	4h	A,B		CO	EL	CO	
Behaviour, Economics and Evolution Lecture Series	Lehmann L./Santos Pinto L.		●			6	2h	A,C					
Business Cycles	Siena D.		●			6	4h	E 4h	CO		CO		
Economic Growth	Rotesi T.		●			6	4h	E 2h	CO		EL		
Environmental Economics	Houde S.		●			6	4h	E 2h		CO		EL	
Experimental Methods	Hakimov R.		●			6	4h	A,B,C		EL	CO	EL	
Financial Institution & Regulation	Bruhin A.		●			6	4h	E 2h	EL	CO		CO	
Game Theory	Santos Pinto L.		●			6	4h	A,B		EL	CO	EL	
International Macroeconomics	Bacchetta P.		●			6	4h	E 2h	CO		EL		
Macroeconometrics	Renne J-P.		●			6	4h	E 2h	EL		CO	EL	
Microeconometrics	Renne J-P.		●			3	2h	E 2h		EL	CO	EL	
Political and Institutional Economics	Rohner D.		●			6	4h	E 2h	EL	CO			
Public Economics	Fourati M./Rubolino E.		●			6	4h	E 2h	EL	CO	EL		
Behavioral Economics	Santos Pinto L.			●		6	4h	A,B		EL		CO	
Development Economics	Nigmatulina D.			●		6	4h	A,B	CO	CO	EL		
Dynamic Macroeconomic Models	Eyquem A.			●		6	4h	A,B	CO		CO		
Economic Analysis and Communication	Montez J.			●		6	4h	A,B	EL	EL		EL	
Economic Forecasting for Decision Making	Grobéty M.			●		6	4h	A,C	EL		EL	EL	
Health Economics	Dusheiko M.			●		6	4h	E,A,B		CO			
International Trade	Brülhart M.			●		6	4h	E 2h	EL	CO		EL	
Labor Economics and Policy	Lalive R.			●		3	2h	A,C	EL	CO	EL	CO	
Leadership Development	Bendahian S.			●		3	2h	E 2h				EL	
Macroeconomics of Financial Crises	Benigno G.			●		6	4h	E 2h	CO				
Macroeconomic Policy	Benhima K.			●		6	4h	A,B	CO				
Organizational Theory and Decision Making	Zehnder C.			●		6	4h	E 2h				CO	
Regulatory Economics	Thoeni C.			●		3	2h	E 2h				EL	
Courses outside MScE program - check page 2 for details			●	●									

<b>MODULE 3: 30 ECTS compulsory</b>												
Courses	Professors	1 <sup>st</sup> sem Aut	2 <sup>nd</sup> sem Spri	3 <sup>rd</sup> sem Aut	4 <sup>th</sup> sem Spri	ECTS	Hours	Ev	MaP	MiP	QE	BE
Master Thesis - academic or internship*	Choose your supervisor				●	30		E				

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

<b>Legend:</b>		
<b>Aut 1:</b> Autumn 1st semester; <b>Spri 2:</b> Spring 2nd semester; <b>Aut 3:</b> Autumn 3rd semester; <b>Spri 4:</b> Spring 4th semester		
<b>ECTS:</b> Credits		
<b>Hours:</b> Nb of hours per week		
<b>Ev:</b> Evaluation type (A: presentation / B: problem sets / C: term paper / E: exam)		
<b>MaP:</b> Macroeconomic Policy mention	<b>QE:</b> Quantitative Economics mention	<b>CO</b> Compulsory course (for mention)
<b>MiP:</b> Microeconomic Policy mention	<b>BE:</b> Business Economics mention	<b>EL</b> Elective course (for mention)

**Useful information:**

1. Read the [Regulations](#) of this program.
2. This program has 120 credits
3. Module 1 is a common track that allows you to choose between 3 options.
4. Module 2 provides you with a menu of courses. You can choose from these courses as you wish or in a way to acquire 1 or 2 mentions.
5. Module 3 consists of your Master thesis.
6. How to acquire a mention? Each mention consists of a **SE** of compulsory courses (CO marked in dark blue) and a set of elective courses (EL marked in light blue).
  - You need to choose at least 30 ECTS from the list of compulsory and elective courses, of which at least 18 ECTS come from the list of compulsory courses.
  - Each mention will be listed on the annex to your diploma.
7. In addition, 6 ECTS may be taken in courses of other Masters' programs not covered by this study plan. However, doing that requires the approval of the MScE Director.
8. Registration for the 3rd and subsequent semester examinations is only allowed if the student has fully met the requirements for obtaining the ECTS credits of module 1 corresponding to the compulsory series of examinations of the first semester.
9. For those taking FBM courses, you can find the Moodles of the FBM courses (if any) at [moodle.unil.ch](https://moodle.unil.ch). For the Biology School, you have to register for the courses/exams BEFORE OCTOBER, 2022 via [biologie-etudiants@unil.ch](mailto:biologie-etudiants@unil.ch). BE CAREFUL, some courses have limited attendance...Don't wait up!

**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 methods, 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 Outside Study program of the MScE with a limit of 6 ECTS:**

To register in the IHEID courses : <https://www.graduateinstitute.ch/visiting-students>

Courses	Professors	A1	S2	A3	S4	ECTS	Lang	Ev
<b>Pre-approved courses (at the Graduate Institute - IHEID)</b>								
Advanced International Trade A: Neoclassical Trade Theories	Baldwin R.			●		3	E	D
Advanced International Trade A: New Trade Theories	Baldwin R.			●		3	E	D
Competition Law and Economics	Neven D.		●			6	E	D
Econometrics II (lecture full)	Panizza U.		●			6	E	D
Economic History	Sussman N.		●			6	E	D
Advanced International Macroeconomics B: International Policy: Constraints, Changing Effectiveness, and New Tools	Tille C.		●			3	E	D
Advanced International Macroeconomics B: Policies to Harness Financial Globalisation	Tille C.		●			3	E	D

<b>Examples of courses requiring approval by the Director of the MScE</b>								
Data Mining and Machine Learning	Vlachos M.			●		6	E	B,E
Ecological Economics and Transition	Boisvert V./Moussu N.			●		6	E	E
International Finance	Zhao Z.			●		6	E	B,E
Mergers, Acquisitions, and Corporate Restructurings	Grognez C.			●		6	E	B,E
Probability and Stochastic Processes	Albrecher H.			●		6	E	E
Advanced Data Analysis	Scheidegger S.		●			6	E	B
Droit International Économique	Ziegler A.		●			6	E	E
Environmental Crisis and Societal Change	Palazzo G./Vejdovsky B.		●			3	E	C
Fixed Income and Credit Risk	Rockinger M.		●			6	E	E
International Commercial Arbitration	Bonomi A./Lein E.		●			6	E	O