

MSc Economics

Specialisation: Behaviour, Economics & Evolution (BEE)

120 credits ECTS

Study Plan 2022-2023

Structure of the Master

Courses	Professors	Semesters				ECTS	Hours	Eval
		1 st sem Aut	2 nd sem Spri	3 rd sem Aut	4 th sem Spri			
MODULE 1: Average set (≥4.0) of compulsory courses - 30 credits ECTS								
Econometrics	Huber M.	●				7,5	4h+1	W 2h
Macroeconomics	St-Amour P.	●				7,5	3h+2	W 3h
Microeconomics	Klaus B.	●				7,5	4h+1	W 3h
Mathematics for Economic Policy	Strimbu O.	●				1,5	1h	W 2h
Genes, Populations, and Evolution	Lehmann L.	●				6	4h	O
MODULE 2: Compulsory and optional courses - 60 credits ECTS								
Compulsory courses - 15 credits ECTS								
Behaviour, Economics and Evolution Lecture Series	Lehmann L./Santos Pinto L.		●			6	4h	V
Environmental Economics	Houde S.		●			6	4h	W 2h
The Evolution of Cooperation: From Genes to Learning and Culture	Lehmann L.		●			3	2h	O
BEE optional courses - 12 credits ECTS (3 credits ECTS from FBM)								
Neuro Economy	Villa A.		●			6	4h	W
Biological Invasions	FBM - Bertelsmeier C.		●			1,5	1h	V
Co-evolution, Mutualism, Parasitism	FBM - Sanders I.		●			1,5	1h	V
Sex, Ageing, and Foraging Theory	FBM - Mullon Ch.		●			1,5	1h	O
Spatial Modelling of Species and Biodiversity	FBM - Guisan A.		●			3	2h	V
Behavioral Economics	Santos Pinto L.			●		6	4h	V
Human Behavior and Evolutionary Inference	Efferson C.			●		6	4h	V
Leadership Development	Bendahan S.			●		3	2h	W 2h
Organizational Theory and Decision Making	Grider M.			●		6	4h	W 2h
Animal Communication and Parasitism	FBM - Christe P./Roulin A.			●		1,5	1h	W 1h30
General optional courses - 33 credits ECTS								
Advanced Programming	Scheidegger S./Eftekhari		●			6	4h	V
Advanced Topics in Industrial Organization (ATIO)	Hakimov R., Strimbu O.		●			6	4h	V
Business Cycles	Siena D.		●			6	4h	W 4h
Economic Growth	Rotesi T.		●			6	4h	W 2h
Experimental Methods	Hakimov R.		●			6	4h	V
Financial Institution & Regulation	Bruhin A.		●			6	4h	W 2h
Game Theory	Santos Pinto L.		●			6	4h	V
International Macroeconomics	Bacchetta P.		●			6	4h	W 2h
Macroeconometrics	Renne J-P.		●			6	4h	W 2h
Microeconometrics	Renne J-P.		●			3	2h	W 2h
Political and Institutional Economics	Rohner D.		●			6	4h	W 2h
Public Economics	Fourati M./Rubolino E.		●			6	4h	W 2h
Data Science and Machine Learning	Vlachos M.			●		6	4h	V
Development Economics	Nigmatulina D. / Ahmed R.			●		6	4h	V
Dynamic Macroeconomic Models	Eyquem A.			●		6	4h	V
Economic Analysis and Communication	Strimbu O.			●		6	4h	V
Economic Forecasting for Decision Making	Grobéty M.			●		6	4h	V
Health Economics	Dusheiko M.			●		6	4h	W
Macroeconomics of Financial Crises	Benigno G.			●		6	4h	W 2h
Macroeconomic Policy	Benhima K.			●		6	4h	V
Regulatory Economics	Thoeni C.			●		3	2h	W 2h
Courses outside MScE program (See General Information below)			●	●				
MODULE 3: Master thesis - 30 credits ECTS								
Thesis (Research or Internship)	Choose your thesis director				●	30		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

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

General Information:

1. [Read the 2022-2023 Study Regulation.](#)
2. Courses are delivered face-to-face on campus
3. 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.
4. 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.
5. Students can take 6 credits ECTS in pre-approved courses at IHEID. Registration is via <https://www.graduateinstitute.ch/visiting-students>
6. 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 Th.			●				
Climate Change and Environmental Economics	Noailly J.			●				
Data and Text-Analysis Using Python	Noailly J.			●				
International Finance	Panizza U.			●				
Competition Law and Economics	Neven D.		●			6	E	D
Economic History	Sussman N.		●			6	E	D