

MSc Economics**Specialization: Behaviour, Economics & Evolution (BEE)**

Study Plan 2021-2022-2023

Courses	Professors	Semesters				ECTS	Hours	Ev
		1 Aut	2 Spri	3 Aut	4 Spri			
MODULE 1: 30 ECTS compulsory								
Click for course syllabus								
Econometrics	Huber M.					7.5	4h+1	E 2h
Macroeconomics	Coulibaly D.					7.5	3h+2	E 3h
Microeconomics	Klaus B.					7.5	4h+1	E 3h
Mathematics for Economic Policy	Gallo O.					1.5	1h	E 2h
Genes, Populations, and Evolution	Lehman L.					6	4h	E oral

MODULE 2: 60 ECTS elective								
COMPULSORY COURSES (12 ECTS)								
Behaviour, Economics and Evolution Lecture Series	Lehman L./Santos Pinto L.					6	4h	A,C
Environmental Economics	Di Falco S.					3	2h	E 2h
The Evolution of Cooperation: From Genes to Learning and Culture	Lehman L.					3	2h	E oral
BEE ELECTIVE COURSES (select 12 ECTS including 3 ECTS from FBM)								
Neuro Economy	Villa A.					6	4h	E
Biological Invasions	FBM - Bertelsmeier C.					1.5	1h	
Co-evolution, Mutualism, Parasitism	FBM - Sanders I.					1.5	1h	
Introduction to Primate Behavior, Cognition and Culture	FBM - van de Waal E.					1.5	1h	
Spatial Modelling of Species and Biodiversity	FBM - Guisan A.					3	2h	
Behavioral Economics	Santos Pinto L.					6	4h	A,B
Human Behavior and Evolutionary Inference	Efferson C.					6	4h	A,B
Leadership Development	Bendahan S.					3	2h	E 2h
Organizational Theory and Decision Making	Zehnder C.					6	4h	E 2h
Animal Communication and Parasitism	FBM - Christe P./Roulin A.					1.5	1h	
Major Transitions in Evolution	FBM - Keller L.					1.5	1h	
GENERAL ELECTIVE COURSES (select 36 ECTS)								
Advanced Programming	Scheidegger S.					6	4h	A,B,C
Advanced Topics in Industrial Organization (ATIO)	Strimbu O.					6	4h	A,B
Business Cycles	Siena D.					6	4h	E 4h
Economic Growth	Bonadio B./Rotesi T.					6	4h	E 2h
Financial Institution & Regulation	Bruhin A.					6	4h	E 2h
Game Theory	Klaus B.					6	4h	A,B
International Macroeconomics	Bacchetta P.					6	4h	E 2h
Macroeconometrics	Renne J-P.					6	4h	E 2h
Microeconometrics	Renne J-P.					3	4h	E 2h
Political and Institutional Economics	Rohner D.					6	4h	E 2h
Public Economics	Terrier C./Fourati M.					6	4h	E 2h
Advanced Topics in Economic Policy (<i>Sept-Oct 2021 ONLY</i>)	Kotlikoff L. (<i>Boston Uni</i>)					3	2x2h30	A,C
Development Economics	Esposito E./Rotesi T.					6	4h	A,B
Dynamic Macroeconomic Models	Brumm J.					6	4h	A,B
Economic Analysis and Communication	Montez J.					6	4h	A, B,
Economic Forecasting for Decision Making	Grobéty M.					6	4h	A,C
Experimental Methods	Hakimov R./Schmacker R.					6	4h	A,B,C
Health Economics	Maurer J./Dusheiko M.					6	4h	E,A,B
International Trade	Milet E.					6	4h	E 2h
Labor Economics and Policy	Lalive R.					3	2h	A,C
Macro Finance	St-Amour P.					3	2h	E 2h
Macroeconomics of Financial Crises - <i>postponed to 2022</i>						6	4h	E 2h
Macroeconomic Policy	Davenport M.					6	4h	A,B
Regulatory Economics	Thoeni C.					3	2h	E 2h
Courses outside MScE program - check page 2 for details								

MODULE 3: 30 ECTS compulsory								
Master Thesis	Choose your supervisor					30		

- Legend & useful information available on the next page -

Legend:**Aut 1:** Autumn 1st semester; **Spri 2:** Spring 2nd semester; **Aut 3:** Autumn 3rd semester; **Spri 4:** Spring 4th semester**ECTS:** Credits**Hours:** Nb of hours per week**Ev:** Evaluation type (A: presentation / B: problem sets / C: term paper / E: exam)**Useful information:**

1. Read the [Regulations](#) of this program.
2. This program has 120 credits.
3. Module 1 is a common track including the refresher course Ecology and Evolution (6 ECTS).
4. Module 2 offers a range of courses:
 - you must attend the compulsory courses (12 ECTS) recognized for the BEE.
 - you must choose 12 ECTS from the BEE elective courses including 3 ECTS among the FBM (Faculty of Biology & Medicine) courses.
 - you must choose 36 ECTS from the general elective courses.
5. Module 3 consists of your Master thesis.
6. 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.
7. 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.
8. For those taking FBM courses, you can find the Moodles of the FBM courses (if any) at moodle.unil.ch

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 MScE Study Plan with a limit of 6 ECTS:

Courses	Professors	A1	S2	A3	S4	ECTS	Lang	Ev
Pre-approved courses (at the Graduate Institute - IHEID)								
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	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

Examples of courses requiring approval by the Director of the MScE

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	?