

## Study program of the Master in Economics (MScE) with BEE specialization 2020-2021

Courses	Professor	Semester	ECTS	Hours	Evaluation*
<b>Module 1</b>					
Econometrics	M. Huber	4.1	7.5	4h+1	E 2h
Macroeconomics	K. Benhima	4.1	7.5	3h+2	E 3h
Microeconomics	B. Klaus	4.1	7.5	4h+1	E 3h
Mathematics for Economic Policy	M. Raghavan	4.1	1.5	1h	E 2h
Genes, Populations, and Evolution	L. Lehmann	4.1	6	4h	E oral
<b>Module 2</b>					
Advanced Topics in Industrial Organization	O. Strimbu/C. Bach	4.2	6	4h	A, B
Behavior, Economics and Evolution Lecture Series	L. Lehmann/L. Santos-Pinto	4.2	6	4h	A, C
Business Cycles	F. Bilbiie	4.2	6	4h	E 4h
Economic Growth	J. Buggle/T. Rotesi	4.2	6	4h	E 2h
Environmental Economics	S. Di Falco	4.2	3	2h	E 2h
Financial Institutions & Regulation	A. Bruhin	4.2	6	4h	E 2h
Game Theory	B. Klaus	4.2	6	4h	A, B
International Macroeconomics	P. Bacchetta	4.2	6	4h	E 2h
Macroeconometrics	J.-P. Renne	4.2	6	4h	E 2h
Microeconometrics	M. Huber	4.2	6	4h	E 2h
Political and Institutional Economics	A. Saia/M. Sangnier	4.2	6	4h	E 2h
Programming	S. Scheidegger	4.2	6	4h	TBA
Public Economics	C. Terrier/M. Fourati	4.2	6	4h	E 2h
The Evolution of Cooperation: From Genes to Learning and Culture	L. Lehmann	4.2	3	2h	E oral
Optional courses from the faculty of Biology and Medicine (FBM)					
- Biological Invasions	C. Bertelsmeier	4.2	1.5		
- Co-evolution, Mutualism, Parasitism	I. Sanders	4.2	1.5		
- Current Problems in Conservation Biology	C. Wedekind	4.2	3		
- Introduction to Primate Behavior, Cognition and Culture	E. van de Waal	4.2	1.5		
- Spatial Modelling of Species and Biodiversity	A. Guisan	4.2	3		
Behavioral Economics	L. Santos-Pinto	5.1	6	4h	A, B
Development Economics	E. Esposito/T. Rotesi	5.1	6	4h	A, B
Dynamic Macroeconomic Models	C. Cahn	5.1	6	4h	A, B
Economic Analysis and Communication	O. Strimbu	5.1	6	4h	
Experimental Methods	R. Hakimov	5.1	6	4h	A, B, C
Health Economics	J. Maurer	5.1	3	2h	E 1h30, A, B
Human Behavior and Evolutionary Inference	C. Efferson	5.1	6	4h	
International Trade	E. Milet	5.1	6	4h	E 2h
Labor Economics and Policy	R. Lalive	5.1	3	2h	A, C
Leadership Development	S. Bendahan	5.1	3	2h	E 2h
Macro Finance	P. St-Amour	5.1	3	2h	E 2h
Macroeconomics of Financial Crises	A. Tischbirek	5.1	6	4h	E 2h
Macroeconomic Policy	K. Benhima	5.1	6	2h	A, B
Organizational Theory and Decision Making	C. Zehnder	5.1	6	4h	E 2h
Regulatory Economics (NOT IN FALL 2020)	C. Thoeni	5.1	3	2h	E 2h
Optional course from the faculty of Biology and Medicine (FBM)					
- Animal Communication and Parasitism	P. Christe/A. Roulin	5.1	1.5		
- Major Transitions in Evolution	L. Keller	5.1	1.5		
<b>Module 3</b>					
Master Thesis		5.2	30		
ECTS foundation courses					30
ECTS compulsory courses					12
ECTS elective courses					12
ECTS elective courses					36
ECTS Master thesis					30

**How to read this study plan?**

The BEE specialization consists of three modules and lasts four semesters.

The first module, semester 4.1, is a common track including the refresher course Ecology and Evolution (6 ECTS).

The second module, semesters 4.2 and 5.1, offers a range of courses.

- you must attend the compulsory courses (12 ECTS) recognized for the BEE (in green).

- you must also choose (12 ECTS) from the list of elective courses (in yellow) recognized for the BEE including (3 ECTS) among the list of the FBM courses.

- you must also choose (36 ECTS) from the list of elective courses (in white).

The third module, semester 5.2, consists of your Master thesis.

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.

**Evaluation\***

A = presentation

B = exercises

C = written report

E = exam