

## Study program of the Master of Science in Economics (MScE) 2020-2021

Courses	Professor	Semester	ECTS	Hours	Evaluation*	Mentions		
						Macroeconomic Policy	Microeconomic Policy	Quantitative Economics
<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			
Course to be chosen (option A, B, or C)								
<b>Option A</b>								
Applied Mathematics	B. Dogan	4.1	1.5	1h	E 2h			
Mathematics for Economics and Finance	R. Mihet	4.1	6	4h+1	E 3h			
<b>Option B</b>								
Economic Policy Seminar	H. Bengahem/M. P. Cacault	4.1	6	4h	A, C			
Mathematics for Economic Policy	M. Raghavan	4.1	1.5	1h	E 2h			
<b>Option C</b>								
Genes, populations, and Evolution	L. Lehmann	4.1	6	4h	E oral			
Mathematics for Economic policy	M. Raghavan	4.1	1.5	1h	E 2h			
<b>Module 2:</b>								
Advanced Topics in Industrial Organization (ATIO)	O. Strimbu/C. Bach	4.2	6	4h	A, B		6	6
Behaviour, Economics and Evolution Lecture Series	L. Lehmann/L. Santos Pinto	4.2	6	2h	A, C			
Business Cycles	F. Bilbiie	4.2	6	4h	E 4h	6		6
Economic Growth	J. Bugge/T. Rotesi	4.2	6	4h	E 2h	6		6
Environmental Economics	S. Di Falco	4.2	3	2h	E 2h		3	
Financial Institutions & Regulation <b>postponed to 2022</b>	A. Bruhin	4.2	6	4h	E 2h	6		
Game Theory	L. Santos Pinto	4.2	6	4h	A, B		6	6
International Macroeconomics	P. Bacchetta	4.2	6	4h	E 2h	6		6
Macroeconometrics	J.-P. Renne	4.2	6	4h	E 2h	6		6
Microeconometrics	J. Maurer	4.2	6	4h	E 2h		6	6
Political and Institutional Economics	D. Rohner/A. Saia	4.2	6	4h	E 2h	6	6	
Programming	S. Scheidegger	4.2	6	4h	TBA		6	6
Public Economics	C. Terrier/M. Fourati	4.2	6	4h	E 2h	6	6	6
Advanced Topics in Economic Policy								
<b>Offered in Sept. - Oct. 2021 only</b>	L. Kotlikoff (Boston Univ.)	5.1	3	2x 2.5h	A, C	3		3
Behavioral Economics	L. Santos-Pinto	5.1	6	4h	A, B		6	
Development Economics	E. Esposito/T. Rotesi	5.1	6	4h	A, B	6	6	6
Dynamic Macroeconomic Models	J. Brumm	5.1	6	4h	A, B	6		6
Economic Analysis and Communication	J. Montez	5.1	6	4h		6	6	
Economic Forecasting for Decision Making	M. Grobéty	5.1	6	4h	A, C	6		6
Experimental Methods	R. Hakimov/R. Schmackner	5.1	6	4h	A, B, C		6	6
Health Economics	J. Maurer/M. Dusheiko	5.1	6	2h	E 1h30, A, B		3	
International Trade	E. Milet	5.1	6	4h	E 2h	6	6	
Labor Economics and Policy	R. Lalive	5.1	3	2h	A, C	3	3	3
Leadership Development	S. Bendahan	5.1	3	2h	E 2h			
Macro Finance	P. St-Amour	5.1	3	2h	E 2h	3		3
Macroeconomics of Financial Crises <b>postponed to 2022</b>		5.1	6	4h	E 2h	6		
Macroeconomic Policy	M. Davenport	5.1	6	4h	A, B	6		
Organizational Theory and Decision Making	C. Zehnder	5.1	6	4h	E 2h			
Regulatory Economics	C. Thoeni	5.1	3	2h	E 2h			
<b>Module 3:</b>								
Master Thesis		5.2	30					
<b>Total compulsory courses ECTS</b>						45	45	36
<b>Total elective courses ECTS</b>						39	36	42
Min. compulsory course ECTS to validate a mention						18	18	18
Min. compulsory and elective course ECTS to validate a mention						30	30	30
<b>Common course</b>								
<b>Compulsory course</b>								
<b>Elective course</b>								

**How do I read this table?**

The MScE consists of three modules and lasts four semesters.

The first module, semester 4.1, is a common track that allows you to choose between three options A, B and C.

The second module, semesters 4.2 and 5.1, provide you with a menu of courses. You can choose from these courses as you wish or in a way to acquire one or two mentions

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

**How can I complete an mention?**

Acquiring a mention is simple. Each mention consists of a set of compulsory courses (marked in green) and a set of elective courses (marked in yellow).

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.

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

**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 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.

Business  
Economics



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