

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 | Business Economics |
| Module 1: | | | | | | | | | |
| 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) | | | | | | | | | |
| Option A | | | | | | | | | |
| 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 | | | | |
| Option B | | | | | | | | | |
| Economic Policy Seminar | H. Benghalem/M. P. Cacault | 4.1 | 6 | 4h | A, C | | | | |
| Mathematics for Economic Policy | M. Raghavan | 4.1 | 1.5 | 1h | E 2h | | | | |
| Option C | | | | | | | | | |
| 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 | | | | |
| Module 2: | | | | | | | | | |
| Advanced Topics in Industrial Organization (ATIO) | O. Strimbu/C. Bach | 4.2 | 6 | 4h | A, B | | 6 | 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 | | 3 |
| Financial Institutions & Regulation | A. Bruhin | 4.2 | 6 | 4h | E 2h | 6 | | 6 | 6 |
| Game Theory | B. Klaus | 4.2 | 6 | 4h | A, B | | 6 | 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 | 6 |
| Microeconometrics | J. Maurer | 4.2 | 6 | 4h | E 2h | | 6 | 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 | 6 |
| Public Economics | C. Terrier/M. Fourati | 4.2 | 6 | 4h | E 2h | 6 | | 6 | 6 |
| Module 2 (continued): | | | | | | | | | |
| Behavioral Economics | L. Santos-Pinto | 5.1 | 6 | 4h | A, B | | 6 | | 6 |
| Development Economics | E. Esposito/T. Rotesi | 5.1 | 6 | 4h | A, B | 6 | | 6 | |
| Dynamic Macroeconomic Models | C. Cahn | 5.1 | 6 | 4h | A, B | 6 | | 6 | |
| Economic Analysis and Communication | O. Strimbu | 5.1 | 6 | 4h | | 6 | | 6 | 6 |
| Experimental Methods | R. Hakimov | 5.1 | 6 | 4h | A, B, C | | 6 | 6 | 6 |
| Health Economics | J. Maurer | 5.1 | 3 | 2h | E 1h30, A, B | | 3 | | |
| International Trade | E. Millet | 5.1 | 6 | 4h | E 2h | 6 | | 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 | | 3 | | 3 |
| Macro Finance | P. St-Amour | 5.1 | 3 | 2h | E 2h | | | 3 | |
| Macroeconomics of Financial Crises | A. Tischbirek | 5.1 | 6 | 4h | E 2h | 6 | | | |
| Macroeconomic Policy | K. Benhima | 5.1 | 6 | 4h | A, B | 6 | | | |
| Organizational Theory and Decision Making | C. Zehnder | 5.1 | 6 | 4h | E 2h | | | | 6 |
| Regulatory Economics (NOT IN FALL 2020) | C. Thoeni | 5.1 | 3 | 2h | E 2h | | | | 3 |
| Module 3: | | | | | | | | | |
| Master Thesis | | 5.2 | 30 | | | | | | |
| Total compulsory courses ECTS | | | | | | 45 | 45 | 36 | 27 |
| Total elective courses ECTS | | | | | | 39 | 36 | 42 | 51 |
| Min. compulsory course ECTS to validate a mention | | | | | | 18 | 18 | 18 | 18 |
| Min. compulsory and elective course ECTS to validate a mention | | | | | | 30 | 30 | 30 | 30 |
| Common course | | | | | | | | | |
| Compulsory course | | | | | | | | | |
| Elective course | | | | | | | | | |

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 = problem sets

C = term paper

E = exam