Master in Economics : Econometrics
Focus Research in Economics

Both variants of the Master consist of a common core of required courses, and a series of elective courses; they also both require the writing of a master’s thesis.

The research-oriented Master in Economics offers two specialisation tracks:

- Advanced Methods
- Topics in Economics

The research-oriented Master in Economics and Statistics offers two specialisation tracks:

- Economics
- Statistics

Bloc 1 | M-ECOER | MA-ECOE

Cours Obligatoires

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Coordinator(s)</th>
<th>Credits</th>
<th>Lecture</th>
<th>Tutorial Classes</th>
<th>Term</th>
<th>Language</th>
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<td>ECON-S427</td>
<td>Graduate macroeconomics I</td>
<td>Fabio Blasutto (Coordinator)</td>
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<td>lecture: 24h, tutorial classes: 24h</td>
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<td>ECON-S429</td>
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<td>ECON-S517</td>
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<td>MATH-S400</td>
<td>Mathematics and economic modelling</td>
<td>Thomas DEMUYNCK (Coordinator), Bram DE ROCK and Marjorie GASSNER</td>
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<td>MATH-S401</td>
<td>Dynamic optimization</td>
<td>Thomas DEMUYNCK (Coordinator), Bram DE ROCK and Luca Paolo Merlino</td>
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Cours Obligatoires

ECON-S504 | Research methods and research communication | Philip VERWIMP (Coordinator)
5 credits [lecture: 36h] | First term | English

MEMO-S522 | Research seminar and master Thesis
25 credits | First and second terms | English

Cours Optionnels

Choisir parmi les 2 filières proposées (15 crédits dans chaque filière)

A total of 30 credits chosen from the following

Advanced methods

A total of 15 credits chosen from the following

ECON-S460 | Advanced topics in microeconomics | Micael CASTANHEIRA DE MOURA (Coordinator)
5 credits [lecture: 24h] | Second term | English

ECON-S461 | Advanced topics in macroeconomics
5 credits [lecture: 24h] | Second term | English

ECON-S513 | Behavioral economics | Georg KIRCHSTEIGER (Coordinator)
5 credits [lecture: 24h] | Second term | English

ECON-S519 | Graduate microeconomics III | Georg KIRCHSTEIGER (Coordinator)
5 credits [lecture: 24h] | First term | English

ECON-S520 | Graduate macroeconomics III
5 credits [lecture: 36h] | First term | English

ECON-S521 | Graduate econometrics III | David PREINERSTORFER (Coordinator)
5 credits [lecture: 24h] | Second term | English

Ce cours ne sera pas donné en 2022-2023.

One course chosen from the following

HULB-0000 | Cours externe à l'Université
5 credits | Academic year

HULB-0000 | Cours externe à l'Université
10 credits | Academic year

STAT-F404 | Graduate statistics | Thomas VERDEBOUT (Coordinator) and Davy PAINDAVEINE
5 credits [lecture: 24h] | First term | English
STAT-F405 (optional)  Time series analysis | Yves-Caoimhin SWAN (Coordinator)
- 5 credits [lecture: 24h, tutorial classes: 12h]  first term  English

STAT-F408 (optional)  Computational statistics | Maarten JANSEN (Coordinator)
- 5 credits [lecture: 24h, tutorial classes: 12h, project: 100h]  second term  English

TEMP-0000 (optional)  Cours extérieurs au programme
- 5 credits  academic year  French

Topics in economics

A total of 15 credits chosen from the following

ECON-S320 (optional)  Advanced topics in international economics | Mathieu PARENTI (Coordinator)
- 5 credits [lecture: 24h]  second term  English

ECON-S432 (optional)  Advanced international trade | Paola CONCONI (Coordinator), Filippo Biondi and Mathieu PARENTI
- 5 credits [lecture: 24h]  second term  English

ECON-S451 (optional)  Advanced industrial organization | Mattia Nardotto (Coordinator)
- 5 credits [lecture: 24h, tutorial classes: 24h]  second term  English

ECON-S453 (optional)  Impact analysis | Philip VERWIMP (Coordinator)
- 5 credits [lecture: 24h, tutorial classes: 12h]  first term  English

ECON-S529 (optional)  Development economics | Philip VERWIMP (Coordinator)
- 5 credits [lecture: 24h]  second term  English

One course chosen from the following

HULB-0000 (optional)  Cours externe à l'Université
- 5 credits  academic year

HULB-0000 (optional)  Cours externe à l'Université
- 10 credits  academic year
Master in Economics: Econometrics
Focus Research in Economics and Statistics

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> Advanced Methods
> Topics in Economics

The research-oriented Master in Economics and Statistics offers two specialisation tracks:

> Economics
> Statistics

### Bloc 1 | M-ECOES | MA-ECOE

#### Cours obligatoires

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<th>Course Code</th>
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<th>Lectures</th>
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<tr>
<td>ECON-S427</td>
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<td>STAT-F405</td>
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<td>STAT-F407</td>
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Master in Economics : Econometrics
Focus Research in Economics and statistics

Bloc 2 | M-ECOES | MA-ECOE

Cours obligatoires

ECON-S504  Research methods and research communication  Philip VERWIMP (Coordinator)
           5 credits [lecture: 36h]  first term  English

MEMO-S522  Research seminar and master Thesis
           25 credits  first and second terms  English

Cours optionnels

Parmi les 2 filières proposées,

A total of 25 credits chosen from the following

Economics

2 to 4 courses chosen from the following

ECON-S320 (optional)  Advanced topics in international economics  Mathieu PARENTI (Coordinator)
                     5 credits [lecture: 24h]  second term  English

ECON-S432 (optional)  Advanced international trade  Paola CONCONI (Coordinator), Filippo Biondi and Mathieu PARENTI
                     5 credits [lecture: 24h]  second term  English

ECON-S451 (optional)  Advanced industrial organization  Mattia Nardotto (Coordinator)
                     5 credits [lecture: 24h, tutorial classes: 24h]  second term  English

ECON-S453 (optional)  Impact analysis  Philip VERWIMP (Coordinator)
                     5 credits [lecture: 12h, tutorial classes: 12h]  first term  English

ECON-S460 (optional)  Advanced topics in microeconomics  Micael CASTANHEIRA DE MOURA (Coordinator)
                     5 credits [lecture: 24h]  second term  English

ECON-S461 (optional)  Advanced topics in macroeconomics
                     5 credits [lecture: 24h]  second term  English

ECON-S513 (optional)  Behavioral economics  Georg KIRCHSTEIGER (Coordinator)
                     5 credits [lecture: 24h]  second term  English

ECON-S519 (optional)  Graduate microeconomics III  Georg KIRCHSTEIGER (Coordinator)
                     5 credits [lecture: 24h]  first term  English

ECON-S520 (optional)  Graduate macroeconomics III
                     5 credits [lecture: 36h]  first term  English

ECON-S521 (optional)  Graduate econometrics III  David PREINERSTORFER (Coordinator)
                     5 credits [lecture: 24h]  second term  English

Ce cours ne sera pas donné en 2022-2023.
## Statistics

### 2 to 4 courses chosen from the following

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<th>Terms</th>
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<td>Gianluca BONTEMPI (Coordinator)</td>
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