



Learn the concepts – understand the real world

# Master of science (MSc) in ECONOMICS

## GENERAL OUTLINE

### Objectives

The Master of Science (MSc) in Economics boasts international recognition, built on the calibre of its faculty and the success of its previous graduates. It aims to provide the basis for a successful career as a professional economist. For those interested in further academic and professional research, it also constitutes an excellent preparation for PhD. programmes in economics, both in Switzerland and abroad.

The curriculum encourages a meticulous approach to the subject, which helps to expand the analytical and quantitative scope of the undergraduate economist. Where a Bachelor's degree provides basic knowledge and intuition, this Master's degree offers the foundation for expertise, constituting the first step toward producing an economist capable of making real analytical and managerial contributions

in both public and private sector positions. Successful students will also find themselves furnished with the skills and knowledge required to pursue doctoral studies at any research-oriented university.

As an internationally recognized and research oriented economics department we ensure the best library and electronic resources for your studies. Small class sizes allow real dialogue between students and professors. The primary objectives of the various modules of the MScE are to introduce, analyse and apply state-of-the-art methods used in economic and econometric research. In addition to the foundation courses in macroeconomics, microeconomics and econometrics, a range of economic applications are studied, in areas such as economic growth, health economics, international trade, financial crises, industrial organization and macroeconomic policy.

If you are interested in economic issues, you seek to explore them through rigorous scientific analysis, and you have good analytical and quantitative skills, then the MScE could be a perfect continuation of your studies.



Subject to changes  
only the official texts are authentic  
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[www.unil.ch/masters](http://www.unil.ch/masters)

## GENERAL INFORMATION

### Organiser

HEC Lausanne:  
[www.hec.unil.ch](http://www.hec.unil.ch)  
Department of Economics (DEEP)  
[www.hec.unil.ch/deep](http://www.hec.unil.ch/deep)

### Degree awarded

Maîtrise universitaire ès Sciences  
en économie politique  
Master of Science (MSc) in Economics

### ECTS credits

120

### Duration

4 semesters

### Teaching language

English. Recommended level: C1.

### Enrolment

The candidate's application must be submitted to the Admissions Department before the final date.  
[www.unil.ch/immat](http://www.unil.ch/immat)

### Contact

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HEC Lausanne  
Quartier UNIL-Dorigny  
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[hecmasters@unil.ch](mailto:hecmasters@unil.ch)

## EDUCATIONAL CONTENT

### Description

The MScE program includes a total of four semesters. The first three comprise a collection of compulsory and elective courses; the fourth is entirely dedicated to the Master's thesis.

During the first semester, students take on a series of foundation courses aimed at reviewing key economic concepts at a technical level, which continue on from third-year undergraduate courses in economics. This involves studies in microeconomics, macroeconomics, mathematics and econometrics. If they are so inclined, students may opt to take an economic policy seminar instead of the course in mathematics.

In the second semester, courses in advanced theory begin, supplementing the knowledge gained during semester one in order to comprehensively cover the main areas of modern economics, and provide students with many of the analytical tools required to carry out their own research.

The third semester is dedicated to a series of applied courses in both microeconomics and macroeconomics. It is also possible to spend the third semester abroad at one of our numerous partner universities across the globe.

Finally, students dedicate the fourth semester to their Master's Thesis, which is researched and written upon a subject of their choice. Alternatively, a student may opt to undertake an internship and write an internship thesis as opposed to a regular research thesis. The thesis may be submitted at any point during the fourth Semester.

A typical 6-credit MScE course represents four hours of lectures and supervised exercises per week over a 14-week semester. Students should expect up to 8 additional hours per week per 6-credit course for individual preparation and revision.

### Examinations

Examinations on all taught subjects are held at the end of each semester.

### Mobility

During their third semester, students may study in a university recognised by UNIL, under a mobility exchange program. They may get a maximum of 30 credits in another institution. The prior authorisation of the Master's Committee is required for the recognition of credits earned abroad.

## COURSE STRUCTURE

### 1<sup>st</sup> semester

- Compulsory and elective courses
- Applied Econometrics
  - Econometrics
  - Economic Policy Seminar
  - Macroeconomics
  - Mathematics for Economics and Finance
  - Microeconomics

### 30 ECTS credits

### 2<sup>nd</sup> semester

- Elective courses
- Behavioral Law and Economics
  - Business Cycles
  - Economic Growth
  - Financial Institutions and Regulation
  - Game Theory
  - Industrial Organization
  - International Macroeconomics
  - Investments
  - Microeconometrics
  - Political and Institutional Economics

### 30 ECTS credits

### 3<sup>rd</sup> semester

- Elective courses
- Behavioral Economics
  - Dynamic Macroeconomic Models
  - Health Economics
  - International Competitiveness
  - International Trade
  - Macroeconometrics
  - Macro Finance
  - Macroeconomic Policy
  - Organizational Theory and Decision Making
  - Social & Economic Networks
  - Experimental Economics
  - Microeconometrics B

### 30 ECTS credits

### 4<sup>th</sup> semester

Master thesis

### 30 ECTS credits

## PRACTICAL INFORMATION

### Admission requirements

A Bachelor's degree from a Swiss university in Economics, Management, Finance or Information Systems with a good background in Economics. Another degree or university qualification may be judged equivalent and give access to the Master's program, with or without conditions.

### Regulations and additional information concerning the course

[www.hec.unil.ch/masters](http://www.hec.unil.ch/masters)

### Program director

Prof. Bettina Klaus

### Final enrolment date

30<sup>th</sup> April  
Candidates needing a study visa:  
28<sup>th</sup> February.

### Start of courses

mid-September

### Part-time Master's degree

See Directive 3.12:  
[www.unil.ch/interne/page44629.html#3](http://www.unil.ch/interne/page44629.html#3)

### Academic calendar

[www.unil.ch/central/page4804.html](http://www.unil.ch/central/page4804.html)

### General information on studies, career prospects and guidance

Guidance and Advisory Service:  
[www.unil.ch/soc](http://www.unil.ch/soc)

### Accommodation and financial assistance

Office for socio-cultural affairs:  
[www.unil.ch/sasc](http://www.unil.ch/sasc)

### International students

[www.unil.ch/international](http://www.unil.ch/international)

### Study abroad opportunities

[www.unil.ch/echanges](http://www.unil.ch/echanges)

