



## Master in Economics (M.Sc.)\*

## Master in Finance (M.Sc.)\*

1<sup>st</sup> Year: Universität Hohenheim 60 EP

2<sup>nd</sup> Year: Università degli Studi di Pavia 60 EP\*\*

### Compulsory basic modules 30 EP

(1<sup>st</sup> Semester)

- Advanced Macroeconomics (6 EP)
- Advanced Microeconomics and Game Theory (6 EP)
- Effective Computing in Economics (3 EP)
- Introductory Econometrics (9 EP)
- Optimization in Economic Theory (6 EP)

### Compulsory major modules 9 EP

- Capital Markets and EU Companies Law (6 EP)
- Laboratory of Financial Management (3 EP)

### Major Modules 18 EP

(2<sup>nd</sup> Semester)

3 courses to be chosen from the economic core curriculum.

It is recommended to take a Seminar module during the second semester, if possible.

### Major Modules 15 EP

- Real Analysis OR Economic Models (9 EP)
- Quantitative Finance (6 EP)
- Econometrics (6 EP)
- Applied Finance (6 EP)
- Firm Valuation and Capital Market Instruments (6 EP)
- Probability and Stochastic processes (9 EP)
- Asset Pricing and Macroeconomics (6 EP)
- Financial Econometrics (9 EP)
- Statistics for Finance (9 EP)
- Topics In Portfolio Management (6 EP)

### Elective Modules 12 EP

2 further courses to be chosen from the economic core curriculum.

Up to a **maximum of 12 ECTS** can also be chosen from the major field of “**Finance**”, which is part of the Master in Management, for example:

- Financial Intermediation (6 EP)
- Theory of Debt & Bank Lending (6 EP)
- Capital Market Theory (6 EP)
- Applied Financial Econometrics – every 2 years (6 EP)

### Elective Modules 12 EP

See active course list from Pavia

### Master-Thesis 24 EP

\* This study plan refers to the curricula of the Master programs „Master in Economics“ und „Laurea Magistrale in Economia, Finanza e Integrazione Internazionale, Percorso Finance“.

\*\*Second year: in addition to “Capital Markets and Public Companies Law” and “Foreign Language” students must obtain 27credits in courses. Students choose 15 credits of Major Modules and 12 credits of Elective Modules from the list of active courses from the whole department

Students have to chose courses different from those already taken during the 1<sup>st</sup> year. A learning agreement must be approved by the home and the host university.